



Aslo Electric

POWER ON



ELECTRICAL
MATERIAL



Aslo Electric

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ELECTRICAL
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INDEX

7 Power distribution

- 9 4,5kA thermal-magnetic circuit breakers
 - 11 Cut phase + neutral circuit breakers 4.5kA
 - 12 6kA thermal-magnetic circuit breakers
 - 16 10kA thermal-magnetic circuit breakers
 - 17 Isolator switches
 - 19 Type AC residual current devices
 - 21 Type A residual current devices
 - 23 Surge protection devices
 - 25 Modular contactors
 - 26 Time switches
 - 27 Impulse relays
 - 29 Indicator lights
 - 31 Modular bells and transformer
 - 32 Cut-outs
 - 33 Modular contactors
 - 34 Moulded casing circuit breakers
 - 38 Switch disconnectors
 - 40 Doorless distribution boxes
 - 41 Modular distribution boards - flush mounting
 - 43 Distribution boards - surface mounting
 - 45 Waterproof distribution boards - vertical door
 - 46 Waterproof distribution boards - side door
 - 49 Fuses
 - 52 Busbars
 - 53 Pole connectors
 - 54 Busbar terminals
 - 55 Distribution block
 - 56 Circuit breakers
 - 57 Motor circuit breakers
 - 59 Water level control box
 - 61 Swimming pool distribution boards
 - 62 Automatic voltage regulators
-
- ## 63 Industry
- 64 Mini contactors
 - 67 3-pole AC contactors
 - 69 AC 4 pole contactors
 - 71 Contact blocks
 - 72 Timers
 - 73 Thermal relays
 - 76 AC 3-pole contactors (150-330A)
 - 79 Buttons, switches and indicators diam. 22mm – ASB2
 - 82 Buttons, switches and indicators diam. 22mm – ASB4
 - 85 Push button enclosures
 - 87 Pendant control station
 - 91 Winch pendant control station
 - 92 Buttons and panel switches
 - 95 Industrial connectors - IP44
 - 96 Industrial plugs - IP44
 - 97 Industrial sockets - IP44
 - 97 IP67 industrial plugs
 - 99 Industrial plugs - IP67
 - 99 Industrial sockets - IP67
 - 102 Wall-mounted industrial plugs - IP44

- 103 Wall-mounted industrial sockets - IP44
- 104 Wall-mounted industrial sockets - IP67
- 107 Wall-mounted industrial sockets with switch - IP67
- 108 Flush industrial sockets - IP44
- 109 Flush industrial sockets - IP67
- 111 Triple industrial adapters 1 plug + 3 sockets - IP67
- 112 Industrial adapters - IP44
- 114 Empty industrial distribution boards
- 117 Equipped industrial distribution boards
- 120 Foot switches
- 121 Microswitch - Model ASV
- 122 Microswitch - Model AS15
- 124 Limit switches - Model SKT
- 125 Limit switches - SKP Model
- 127 Limit switches - Model SKJ
- 129 Limit switches - Model SKM
- 130 Fans
- 133 Relay sockets
- 135 Siren
- 136 Power meters

137 Residential

- 138 Europa 2020 series
- 145 Mechanisms and buttons
- 147 Frames
- 148 Atlântico 2021 series
- 154 Acquaprotect 54 series
- 155 Desk socket with sliding cover
- 157 Pop-up desk socket
- 158 Power strips
- 165 Extensions / Reels
- 169 Lighting components
- 173 Plugs and adapters
- 179 Timers
- 180 Extractor fans
- 181 Wireless door chimes
- 181 Door chimes with transformer
- 182 Door chimes without transformer

183 Networks

- 184 U / UTP cables
- 186 U / FTP cables
- 186 S / FTP cables
- 187 HDMI cables
- 187 TV cables
- 187 Coaxial cables
- 188 Adapters and connectors
- 190 Shielded splitters (terrestrial and SAT)

191 Energy control

- 192 Motion sensors
- 196 Twilight switches
- 196 Smoke detectors

197 Electric mobility

- 198 E-vehicle portable charger
- 199 Single-phase charging station
- 199 Three-phase charging
- 200 E-vehicle charging cable

201 Measuring devices

- 202 Digital multimeters
- 204 Luxmeters
- 204 Network and coaxial cable testers

205 Tertiary

- 206 Automatic hand dryers
- 207 Dual jet hand dryers
- 209 Insect killers

211 Installation material

- 212 Wall-mounted medium heat shrink tubing without adhesive
- 214 Wall-mounted medium heat shrink tubing with adhesive
- 214 Heat shrink end caps with adhesive
- 216 Heat shrink cable breakout
- 216 Heat shrink cable joint
- 216 Spiral wrapping band
- 217 Lugs and ferrules
- 220 Insulated bootlace ferrules
- 221 Insulated twin bootlace ferrules
- 223 Dry lining back boxes
- 225 Concrete back boxes
- 227 Waterproof junction boxes for surface installation
- 230 Waterproof junction boxes for surface /smooth walls
- 233 Cable glands
- 235 IP68 connectors
- 237 Conduction pipe without cable puller
- 237 Conduction pipe with cable puller
- 238 Colourrugated pipe with cable puller
- 238 Double wall corrugated pipe
- 239 Rigid PVC pipe
- 239 Aecessories and clips for rigid pipe
- 240 Clips
- 242 Nylon/steel cable pullers

243 Cable connectors and accessories

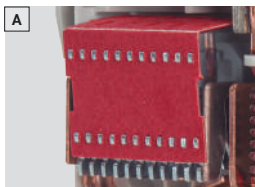
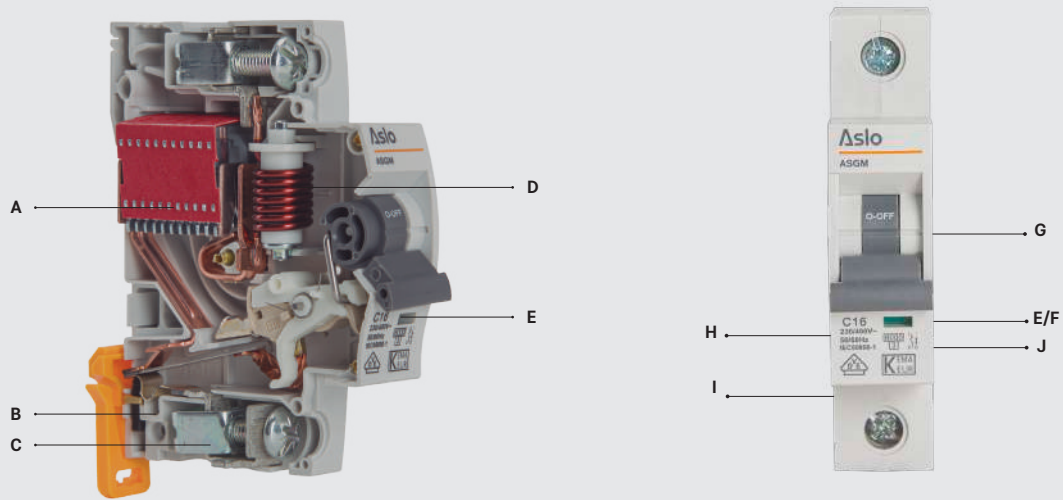
- 244 Connectors / terminal blocks
- 245 Insulation piercing connectors
- 246 Dead end clamps
- 246 Insulation piercing connectors
- 246 Twisted cable tie



POWER DISTRIBUTION

Thermal-magnetic circuit breakers

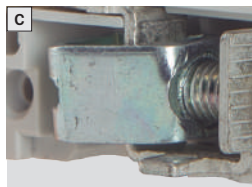
- Attractive device design
- Integrated indication on handle
- Flame-retardant material and thermosetting coating



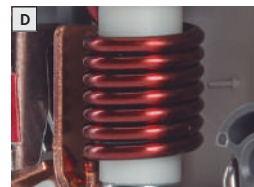
Arc extinguishing chamber



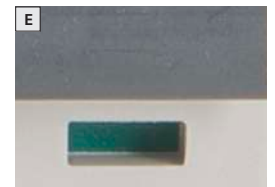
Brake for quick fixing DIN rail



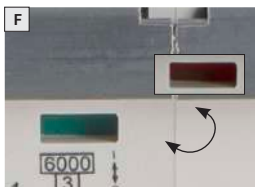
Thermal trigger



Thermal trigger



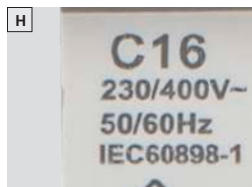
Circuit breaker indicator status



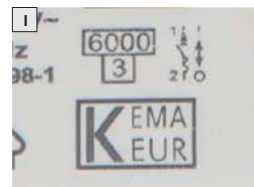
Status indicator
On (red) /Off (green)



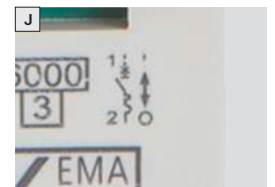
Status indicator
On/Off



Parameters



Certification and
cutting power



Electrification
diagram

ASLO's modular protection devices are high-tech devices that ensure the protection of circuits that make up an electricity distribution network, goods and equipment and people against short circuits and power overloads. They enable electrical installations to be carried out safely and in compliance with the Technical Rules for Low Voltage Electrical Installations (RTIEBT) in the residential, commercial and industrial sectors.

Thermal-magnetic circuit breakers:

ASLO's thermal-magnetic circuit breakers are available in rated currents from 2A to 63A, in trip curve C and in breaking power 4.5kA and 6kA.

They are designed for use in residential, commercial and building infrastructure installations. They are equipped with rectangular connection terminals, making it possible to connect busbars and wires with a cross-section of up to 25mm² (4.5kA) and 35mm² (6kA). Both circuit-breaker lines offer a standardised front design with reliable performance and high breaking capacity.

For greater versatility and flexibility in installations, ASLO offers a range of accessories for the 6kA circuit-breakers, which are easy to attach, such as a contactor and a shunt trip.

4.5kA thermal-magnetic circuit breakers **NEW**

- Rated current from 6A to 63A
- Cut-off power 4.5kA
- “C” trip curve

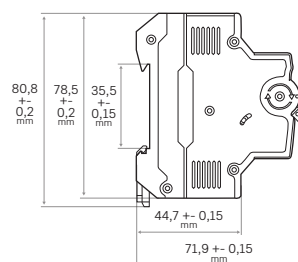


Characteristics:

- › Number of poles: 1P, 2P, 3P, 4P
- › Rated voltage (V): 1P AC 230/ 400; 240/ 415
2P AC 230/ 240; 400/ 415
3P e 4P AC 400/ 415
- › Protection: **Against overload and short-circuit**
- › Type: **AC**
- › Rated impulse withstand voltage Uimp (kV): **4**
- › Rated insulation voltage Ui (V): **500**
- › Ambient temperature (°C): **-25~+40, Max. 95% humidity**
- › Operating heat limit: **without tripping in 1h**
1.45 xln tripping in 1h
- › Magnetic operation: **B: (3-5)xln, C: (5-10)xln**
- › Trigger type: **Thermal/magnetic release**
- › Ambient temperature: **-25~+40, Max. 95% humidity**
- › Connection capacity: **16mm² flexible or 25mm² rigid**
- › Type of terminal: **Point**
- › Installation: **Mounted on DIN 35mm rail**
- › Width / module: **17,8mm per pole**
- › IP rating: **IP20**
- › Easy connection
- › Connection with pin busbar on the Upper and lower parts
- › On/ Off indicator
- › Circuit breaker indicator

Benefits:

- › The new self-developed lever mechanism has been adopted to improve the arc extinguishing capacity, increase the product's service life and make operation more convenient.
- › The display window shows the position of the contact in red and green.



Pin busbar connection:



- › On both terminals, bottom and top.
- › Easily removed from DIN rail.

Thermal-magnetic circuit breakers

Single-pole circuit breaker **NEW** 4,5kA | 1P



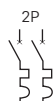
1P




REF.	I (A)	Width		
ASGM63NE106	6A	17,8 mm	12	240
ASGM63NE110	10A	17,8 mm	12	240
ASGM63NE116	16A	17,8 mm	12	240
ASGM63NE120	20A	17,8 mm	12	240
ASGM63NE125	25A	17,8 mm	12	240
ASGM63NE132	32A	17,8 mm	12	240
ASGM63NE140	40A	17,8 mm	12	240
ASGM63NE150	50A	17,8 mm	12	240
ASGM63NE163	63A	17,8 mm	12	240

Double-pole circuit breaker **NEW** 4,5kA | 2P



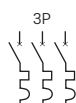
2P




REF.	I (A)	Width		
ASGM63NE206	6A	35,6 mm	6	120
ASGM63NE210	10A	35,6 mm	6	120
ASGM63NE216	16A	35,6 mm	6	120
ASGM63NE220	20A	35,6 mm	6	120
ASGM63NE225	25A	35,6 mm	6	120
ASGM63NE232	32A	35,6 mm	6	120
ASGM63NE240	40A	35,6 mm	6	120
ASGM63NE250	50A	35,6 mm	6	120
ASGM63NE263	63A	35,6 mm	6	120

Three-pole Circuit Breaker **NEW** 4,5kA | 3P



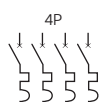
3P




REF.	I (A)	Width		
ASGM63NE306	6A	53,4 mm	4	80
ASGM63NE310	10A	53,4 mm	4	80
ASGM63NE316	16A	53,4 mm	4	80
ASGM63NE320	20A	53,4 mm	4	80
ASGM63NE325	25A	53,4 mm	4	80
ASGM63NE332	32A	53,4 mm	4	80
ASGM63NE340	40A	53,4 mm	4	80
ASGM63NE350	50A	53,4 mm	4	80
ASGM63NE363	63A	53,4 mm	4	80

Four-pole Circuit Breaker **NEW** 4,5kA | 4P



4P




REF.	I (A)	Width		
ASGM63NE406	6A	71,2 mm	3	60
ASGM63NE410	10A	71,2 mm	3	60
ASGM63NE416	16A	71,2 mm	3	60
ASGM63NE420	20A	71,2 mm	3	60
ASGM63NE425	25A	71,2 mm	3	60
ASGM63NE432	32A	71,2 mm	3	60
ASGM63NE440	40A	71,2 mm	3	60
ASGM63NE450	50A	71,2 mm	3	60
ASGM63NE463	63A	71,2 mm	3	60

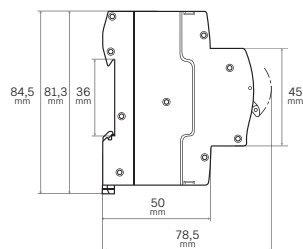
Cut phase + neutral circuit breakers 4.5kA

- Rated current from 6A to 32A
- Cut-off power 4.5kA
- "C" trip curve



Characteristics:

- › Number of poles: **1P + N**
- › Rated voltage (Un): **240V AC**
- › Rated voltage (Ui): **500V AC**
- › Rated impulse withstand voltage (Uimp) : **4kV**
- › Rated current In : **6, 10, 16, 20, 25, 32A**
- › Type of terminal : **Point**
- › Trigger type : **Thermal unlocking**
Magnetic unlocking
- › Ambient temperature: **+20°, ≤95%, + -40°, ≤50% °C**
- › Connection capacity: **1 - 10mm²**
- › Altitude: **≤2000m**
- › Electrical resistance: **4000**
- › Mechanical resistance: **10000**
- › Installation: **Mounted on DIN 35mm rail**
- › Width / module: **17,8mm per pole**
- › IP rating: **IP20**



Single-pole circuit breaker with neutral 4,5kA | 1P + N



REF.	I(A)	Width		
ASGB3206	6A	17,8 mm	12	240
ASGB3210	10A	17,8 mm	12	240
ASGB3216	16A	17,8 mm	12	240
ASGB3220	20A	17,8 mm	12	240
ASGB3225	25A	17,8 mm	12	240
ASGB3232	32A	17,8 mm	12	240

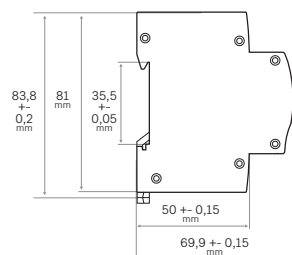
6kA thermal-magnetic circuit breakers

- Rated current from 2A to 63A ○ Breaking capacity 6kA
- “C” trip curve



Characteristics:

- › Number of poles: **1P, 2P, 3P, 4P**
- › Rated voltage (V): **1P, 2P, 3P, 4P - 230/ 400V**
- › Rated current (A) I_n : **2, 6, 10, 16, 20, 25, 32, 40, 50, 63**
- › Protection: **Against overload and short-circuit**
- › Type: **AC**
- › Rated insulation voltage U_i (V): **500**
- › Rated impulse withstand voltage U_{imp} (V): **4kV**
- › Energy limitation class: **Class 3**
- › Type of terminal: **Pointer/ fork**
- › Trigger type: **Thermal unlocking (1.3 - 1.45) x I_n**
Magnetic unlocking “C” (5 - 10) x I_n
- › Ambient temperature (°C): **-5~+40**
- › Connection capacity: **16mm² flexible or 35mm² rigid**
- › Tightening torque: **2.5 n.m**
- › Installation: **Mounted on DIN 35mm rail**
- › Width / module: **17.8mm per pole**
- › IP rating: **IP20**



Benefits:

- › The newly developed lever mechanism has been adopted to improve arc extinguishing capacity, extend product life and make operation more convenient.
- › The display window shows the position of the contact in red and green.
- › It can be connected with a pin busbar at the top and bottom and a fork busbar at the bottom of the circuit-breaker.

- › On both terminals, bottom and top.
- › Easily removed from DIN rail.



- › Fork busbar connection on the lower connection terminal.
- › Easily removed from DIN rail

Single-pole circuit breaker

6kA | 1P



1P



REF.	I (A)	Width		
ASGM102	2A	17,8 mm	12	240
ASGM106	6A	17,8 mm	12	240
ASGM110	10A	17,8 mm	12	240
ASGM116	16A	17,8 mm	12	240
ASSGM120	20A	17,8 mm	12	240
ASGM125	25A	17,8 mm	12	240
ASGM132	32A	17,8 mm	12	240
ASGM140	40A	17,8 mm	12	240
ASGM150	50A	17,8 mm	12	240
ASGM163	63A	17,8 mm	12	240

Double-pole circuit breaker

6kA | 2P



2P



REF.	I (A)	Width		
ASGM206	6A	35,6 mm	6	120
ASGM210	10A	35,6 mm	6	120
ASGM216	16A	35,6 mm	6	120
ASGM220	20A	35,6 mm	6	120
ASGM225	25A	35,6 mm	6	120
ASGM232	32A	35,6 mm	6	120
ASGM240	40A	35,6 mm	6	120
ASGM250	50A	35,6 mm	6	120
ASGM263	63A	35,6 mm	6	120

Three-pole circuit breaker

6kA | 3P



3P



REF.	I (A)	Width		
ASGM306	6A	53,4 mm	4	80
ASGM310	10A	53,4 mm	4	80
ASGM316	16A	53,4 mm	4	80
ASGM320	20A	53,4 mm	4	80
ASGM325	25A	53,4 mm	4	80
ASGM332	32A	53,4 mm	4	80
ASGM340	40A	53,4 mm	4	80
ASGM350	50A	53,4 mm	4	80
ASGM363	63A	53,4 mm	4	80

Four-pole circuit breaker

6kA | 4P



4P

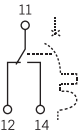


REF.	I (A)	Width		
ASGM406	6A	71,2 mm	3	60
ASGM410	10A	71,2 mm	3	60
ASGM416	16A	71,2 mm	3	60
ASGM420	20A	71,2 mm	3	60
ASGM425	25A	71,2 mm	3	60
ASGM432	32A	71,2 mm	3	60
ASGM440	40A	71,2 mm	3	60
ASGM450	50A	71,2 mm	3	60
ASGM463	63A	71,2 mm	3	60

Accessories for 6kA thermal-magnetic circuit breakers

A series of accessories for 6kA circuit-breakers. Installation on the lefthand side of the circuit-breaker specified to put different functions into effect.

The series includes SD and OF Contacts, MX and MN Coils, multi-accessories to expand the function and application of the products. Easy to install.



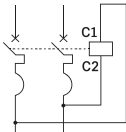
OF auxiliary contact **NEW**



Characteristics:

- › Rated voltage: 230 V AC
- › Current: 6A
- › Dielectric rigidity: 2kV/ 1min
- › Electromechanical resistance: ≥5000
- › Mounting: On the left-hand side of the circuit-breaker, indicating ON/OFF status
- › Height of connecting terminals: H1 = 31mm | H2 = 16mm | H3 = 1.3mm

REF.	Width		
ASGM6CAOF	8,9 mm	15	225



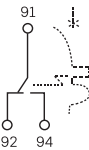
MX shunt trip **NEW**



Characteristics:

- › Rated voltage: 230 V AC
- › Rated insulation voltage (Ui): 500V
- › Range of working voltage: 70 - 100% Us
- › Contact capacity: AC: 3A/ 400V | AC: 6A/ 230V | AC: 9A/ 125V
- › Electromechanical resistance: ≥4000
- › Mounting: On the left-hand side of the circuit-breaker. Used to trip the combined circuit breaker only from a remote control device
- › Height of connecting terminals:: 19mm

REF.	Width		
ASGM6BMX	17,8 mm	10	150



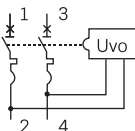
SD auxiliary contact **NEW**



Characteristics:

- › Rated voltage: 230 V AC
- › Current: 6A
- › Rated insulation voltage (Ui): 500V
- › Range of working voltage: 70 - 100% Us
- › Dielectric rigidity: 2kV/ 1min
- › Electromechanical resistance: ≥4000
- › Mounting: Used to switch on the auxiliary On/Off contact, it functions as an On/Off indicator on the circuit breaker in the event of a fault (trip)

REF.	Width		
ASGM6CASD	8,9 mm	15	25



MN Undervoltage release circuit trip **NEW**



Characteristics:

- › Rated voltage: 230 V AC
- › Rated insulation voltage (Ui): 500V
- › Surge trigger interval: 280V (266 - 294V) +/- 5%
- › Low voltage trigger interval: 170V (161 - 179V) +/- 5%
- › Electromechanical resistance: ≥4000
- › Mounting: On the left-hand side of the circuit breaker, it activates the combined device in the event of under voltage, effectively preventing the device from closing under abnormal supply voltage conditions

REF.	Width		
ASGM6BMN	17,8 mm	10	150

4.5kA and 6kA circuit breaker diagram/scheme



- › Perfect combination with ASGR residual current devices



- › Perfect combination with ASGI isolator switches



- › Possibility of auxiliary contacts on the left (6kA)



- › Ergonomic handle for easy switching



- › Terminals with protection: easy connection
- › IP rating: IP20
- › Pozidriv and slotted screw head - torque up to 4mm

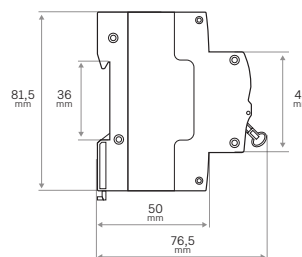
10kA thermal-magnetic circuit breakers

- 80A to 125A rated current ○ 10kA cut-off power ○ 'C' trip curve



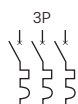
Characteristics:

- › Number of poles: **3P, 4P**
- › Rated voltage: **3P AC 230/ 400V**
4P AC 230/ 240V
- › Rated current I_n : **80, 100, 125A**
- › Protection: **Contra sobretensão e curto circuito**
- › Type: **AC**
- › Type of terminal: **Point**
- › Trigger type : **Thermal unlocking (1,3 - 1,45) x I_n /**
Magnetic unlocking "C" (5 - 10) x I_n
- › Ambient temperature: **-5~+40°C**
- › Connection capacity: **1.5 - 35mm² flexible or 1 - 50mm² rigid**
- › Installation: **Mounted on DIN 35mm rail**
- › Width / module: **27mm per pole**
- › IP rating: **IP20**



Three-pole circuit breaker

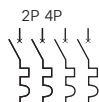
10kA | 3P



REF.	I (A)	Width		
ASGM380	80A	80,4 mm	4	40
ASGM3100	100A	80,4 mm	4	40
ASGM3125	125A	80,4 mm	4	40

Four-pole circuit breaker

10kA | 4P



REF.	I (A)	Width		
ASGM480	80A	107,2 mm	3	30
ASGM4100	100A	107,2 mm	3	30
ASGM4125	125A	107,2 mm	3	30

Isolator switches

- Rated current from 25A to 125A
- Number of poles: 1P, 2P, 3P and 4P



Status indicator
On (red) / Off (green)



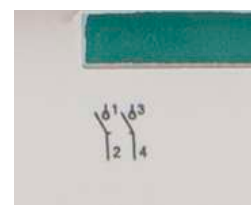
Parameters



Flame retardant material
and thermoset coating



Ergonomic
handle



Electric
diagram

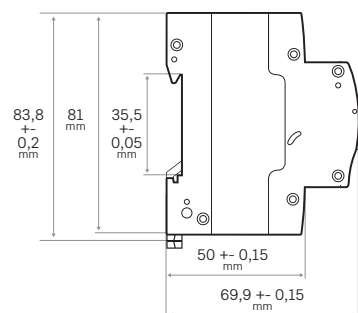
ASLO Cut-Off Switches are suitable for AC 50/60Hz, rated voltage 415V and rated current up to 125A. They are mainly used as a main switch in electrical appliances combined in terminals and can also be used to control various small power electrical appliances and lighting on an infrequent basis. Widely used in industrial companies, buildings, construction, commerce and homes.

Characteristics:

- › Rated voltage: **1P -240 V AC**
2P, 3P, 4P - 415 V AC
- › AC use category: **22A**
- › Icw: **12Ie, t=1s**
- › Rated lcn short-circuit capacity: **20Ie**
- › Rated capacity of fabrication and interruption: **3Ie, 1,05Ue, COSφ = 0,65**
- › Rated insulation voltage: **690V**
- › Rated impulse withstand voltage Uimp: **6kV**
- › Electrical resistance: **1500**
- › Mechanical resistance: **10000**
- › Type of busbar: **Fork and point**
- › Ambient temperature (°C): **-5~+35, Max. 95% humidity**
- › Storage temperature: **-40~+75°C**
- › Installation: **Mounted on DIN 35mm rail**
- › Width / module: **17.8mm per pole**
- › IP rating: **IP20**

Benefits:

- › Very resistant to wear
- › Rated insulation voltage 690V with high safety
- › Rated impulse withstand voltage of 6000V, capable of withstanding high transient surges
- › Possibility of connection with top and bottom busbars and bottom fork busbars



Isolator switches





Single-pole isolator switch

1P



REF.	I (A)	Width		
ASGI125	25A	17,8 mm	12	240
ASGI132	32A	17,8 mm	12	240
ASGI140	40A	17,8 mm	12	240
ASGI163	63A	17,8 mm	12	240



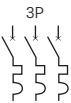


Double-pole isolator switch

2P



REF.	I (A)	Width		
ASGI225	25A	35,6 mm	6	120
ASGI232	32A	35,6 mm	6	120
ASGI240	40A	35,6 mm	6	120
ASGI263	63A	35,6 mm	6	120
ASGI280	80A	35,6 mm	6	120
ASGI2100	100A	35,6 mm	6	120



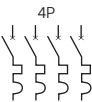


Three-pole isolator switch

3P



REF.	I (A)	Width		
ASGI325	25A	53,4 mm	4	80
ASGI332	32A	53,4 mm	4	80
ASGI340	40A	53,4 mm	4	80
ASGI363	63A	53,4 mm	4	80
ASGI380	80A	53,4 mm	4	80
ASGI3100	100A	53,4 mm	4	80





Four-pole isolator switch

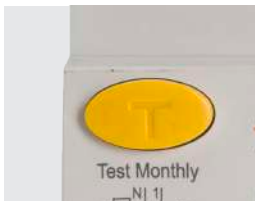
4P



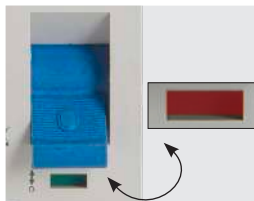
REF.	I (A)	Width		
ASGI425	25A	71,2 mm	3	60
ASGI432	32A	71,2 mm	3	60
ASGI440	40A	71,2 mm	3	60
ASGI463	63A	71,2 mm	3	60
ASGI480	80A	71,2 mm	3	60
ASGI4100	100A	71,2 mm	3	60
ASGI4125	125A	71,2 mm	3	60

AC type residual current devices

- Rated current from 25A to 63A
- Sensitivity 30mA and 300mA



Test button



On (red) / Off (green) status indicator



Parameters



Ergonomic handle



Certification

ASLO residual current devices are suitable for circuits with a voltage rating of 240V for two poles, 415V for four poles, and are available with a current rating of up to 80A. When electric shock or mains leakage current exceeds the specified value, these devices can quickly cut off the faulty power supply to protect electrical equipment and ensure people's safety.

Instantaneous AC type up to 63A: For general use, the device detects and responds only to alternating current sine waves.
Operating voltage: 230/ 400V AC

Examples of types of equipment/load:

Resistive, capacitive, inductive loads, generally without any electronic components, for example:

- › Immersion heater
- › Oven/stove with resistive heating elements
- › Electric shower
- › Tungsten and halogen light

Sensitivity ($I_{\Delta n}$):

The sensitivity of the devices varies from 30 to 300mA and they must be carefully sized, as there are losses to earth inherent in the quality of the installation itself.

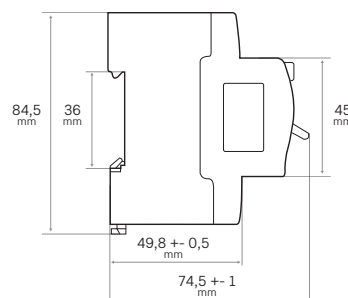
- › Direct contact protection: 30mA - Direct contact with energised parts can cause electric current to leak through the human body to earth.
- › Indirect contact protection: 300mA - In case of an internal fault in some equipment or insulation failure, metal parts can become 'live' (energised).

Benefits:

- › Triggers under alternating, pulsating and soft direct current.
- › The movable contact is made of T3Y2 material and welded with silver AgC4 points. The movable contact has good resistance to arc colouring, good electrical conductivity and good weld strength, which prolongs the product's electrical life.
- › Lettering on the handle to indicate the on/off position.

Characteristics:

- › Number of poles: **2P (1 + N), 4P (3 + N)**
- › Neutral position: **Left**
- › Rated voltage: **2P AC 240V**
4P AC 415V
- › Rated residual current opening and interrupting capacity:
500A - In 25A/ 40A
630A - In 63A
- › Rated conditional short-circuit current Inc: **6kA**
- › Differential sensitivity $I_{\Delta n}$: **30mA/ 300mA**
- › Nominal non-operating residual current: **0,5 x $I_{\Delta n}$**
- › Rated impulse withstand voltage U_{imp} : **4kV**
- › Trigger type: **Electromagnetic**
- › Type of busbar: Fork and point
- › Ambient temperature (°C): **-25~+40, max. 95 % humidity**
- › Connection capacity: **25mm² max.**
- › Installation: **Mounted on DIN 35mm rail**
- › IP rating: **IP20**
- › Certifications: **CE, KEMA KEUR**

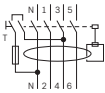


Residual current device
AC type | 2P



REF.	Differential sensitivity ($I_{\Delta n}$)	I_n (A)	Width		
ASGR22530	30mA	25A	35,5 mm	6	60
ASGR24030	30mA	40A	35,5 mm	6	60
ASGR26330	30mA	63A	35,5 mm	6	60
ASGR225300	300mA	25A	35,5 mm	6	60
ASGR240300	300mA	40A	35,5 mm	6	60
ASGR263300	300mA	63A	35,5 mm	6	60

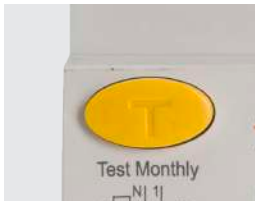
Residual current device
AC type | 4P



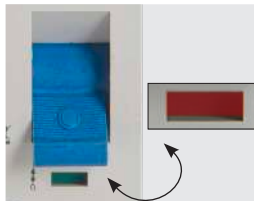
REF.	Differential sensitivity ($I_{\Delta n}$)	I_n (A)	Width		
ASGR42530	30mA	25A	71,0 mm	3	30
ASGR44030	30mA	40A	71,0 mm	3	30
ASGR46330	30mA	63A	71,0 mm	3	30
ASGR425300	300mA	25A	71,0 mm	3	30
ASGR440300	300mA	40A	71,0 mm	3	30
ASGR463300	300mA	63A	71,0 mm	3	30

Type A residual current devices

- Rated current from 25A to 80A
- Sensitivity 30mA and 300mA



Test button



On (red) / Off (green) status indicator



Parameters



Ergonomic handle



Certification

ASLO residual current devices are suitable for circuits with a voltage rating of 240V for two poles, 415V for four poles, and are available in current ratings up to 80A. When electric shock or mains leakage current exceeds the specified value, these devices can quickly cut off the faulty power supply to protect electrical equipment and ensure people's safety.

Type A instantaneous up to 80A: Detects alternating current leakages and alternating currents with continuous components (pulsating continuous).

Examples of types of equipment/loads:

- › Class I computer and multimedia equipment
- › Power supplies for class 2 equipment
- › Appliances such as a washing machine that is not frequency-controlled, e.g. a DC or universal motor
- › Lighting controls, such as dimmer switches and electronic systems for homes and buildings
- › LED drivers
- › Induction hobs
- › Charging electric vehicles where any DC soft fault current is less than 6mA. Type A is also suitable for AC applications.

Sensitivity (IΔn):

The sensitivity of the devices varies from 30 to 300mA and they must be carefully sized, as there are losses to earth inherent in the quality of the installation itself.

- › Direct contact protection: 30mA - Direct contact with energised parts can cause electric current to leak through the human body to earth.
- › Indirect contact protection: 300mA - In case of an internal fault in some equipment or insulation failure, metal parts can become 'live' (energised).

Benefits:

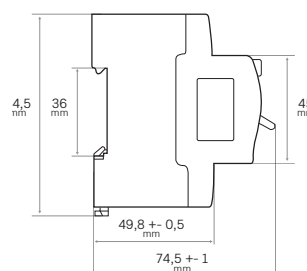
- › Triggers under alternating, pulsating and soft direct current.
- › The mobile contact is made of T3Y2 material and soldered with AgC4 silver spots. The movable contact has good resistance to arc Colourrosion, good electrical conductivity and good resistance to

welding, which extends the product's electrical life.

- › Lettering on the handle to indicate the on/off position.

Characteristics:

- › Number of poles: **2P (1 + N), 4P (3 + N)**
- › Neutral position: **Left**
- › Rated voltage: **2P AC 240V**
4P AC 415V
- › Rated residual current opening and interrupting capacity:
500A - In 25A/ 40A
630A - In 63A
800A - In 80A
- › Rated conditional short-circuit current Inc: **6kA**
- › Differential sensitivity IΔn: **30mA/ 300mA**
- › Nominal non-operating residual current: **0,5 x IΔn**
- › Rated impulse withstand voltage Uimp: **4kV**
- › Trigger type: **Electromagnetic**
- › Type of busbar: **Fork and pin**
- › Ambient temperature (°C): **-25~+40, max. 95% humidity**
- › Connection capac: **25mm² max.**
- › Installation: **Mounted on DIN 35mm rail**
- › IP rating: **IP20**
- › Certifications: **CE, KEMA KEUR**

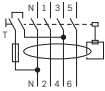


Residual current device **NEW**
Type A | 2P



REF.	Differential sensitivity ($I_{\Delta n}$)	I_n (A)	Width		
ASGR22530A	30mA	25A	35,5 mm	6	60
ASGR24030A	30mA	40A	35,5 mm	6	60
ASGR26330A	30mA	63A	35,5 mm	6	60
ASGR225300A	300mA	25A	35,5 mm	6	60
ASGR240300A	300mA	40A	35,5 mm	6	60
ASGR263300A	300mA	63A	35,5 mm	6	60

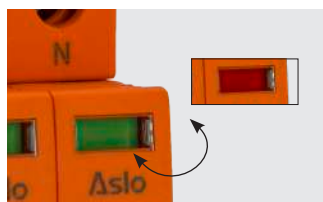
Residual current device **NEW**
Type A | 4P



REF.	Differential sensitivity ($I_{\Delta n}$)	I_n (A)	Width		
ASGR42530A	30mA	25A	71,0 mm	3	30
ASGR44030A	30mA	40A	71,0 mm	3	30
ASGR46330A	30mA	63A	71,0 mm	3	30
ASGR48030A	30mA	80A	71,0 mm	3	30
ASGR425300A	300mA	25A	71,0 mm	3	30
ASGR440300A	300mA	40A	71,0 mm	3	30
ASGR463300A	300mA	63A	71,0 mm	3	30
ASGR480300A	300mA	80A	71,0 mm	3	30

Surge protection device **NEW**

○ T2 ○ I_{max}. 40kV



Green indication window (normal operation) / red (inoperative)



Pin busbar interface



35mm DIN rail installation



Parameters

A surge is a high and sudden increase in the normal operating voltage of an electrical installation which occurs over a short period of time. It can often cause irreparable damage to electrical installations as well as electrical and electronic equipment. These surges can originate from atmospheric discharges manoeuvres in the electrical network and electrostatic discharges, which cause very high and highly destructive currents.

ASLO's surge protection device has been designed and manufactured in accordance with the IEC 616343-1 standard to prevent all types of electronic and electrical equipment from being damaged by lightning strikes and surges. Under normal circumstances, the surge protection device is in a high-impedance state. When the mains has a surge due to lightning strikes or other reasons, the device will switch on in nanoseconds, conducting the surge to ground, thus protecting the electrical equipment in the mains. When the surge disappears, the device returns to the high-impedance state, so as not to affect the normal operation of the electrical network and equipment.

ASLO's Type 2 surge protection devices are the recommended solution if the level of risk is high or the material to be protected is sensitive to surges (while maintaining service continuity).

How to select surge protection devices:

- > Voltage must be <vc
- > Up < resistance to maximum impulse
- > Different protections must be selected according to the various earthing systems and protection modes.

Benefits:

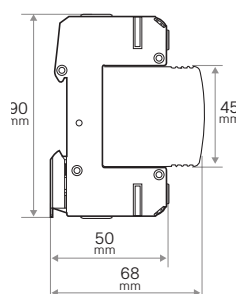
- > Response time less than 25ns
- > Maximum continuous operating voltage 275-440V
- > Incorporated thermal protection
- > Power status display, indicating SPD operating status
- > SPD operating status
- > TT/TN earthing systems

Protection:

- > Protection of the electrical installation and electrical appliances under load against lightning and instantaneous surges

Characteristics:

- > On/ Off indicator: **Green: Normal operation**
Red: Replace immediately
- > Type of busbar: **Pin busbar**
- > Rated discharge current In (8/ 20μ): **20kV**
- > Maximum discharge current I_{max} (8/ 20μ): **40kV**
- > Response time: **<25s**
- > Circuit current: **25~35A**
- > Connection: **L, N - 2,5 - 35mm²**
PE - 4,0 - 35mm²
- > Ambient temperature (°C): **-40~+70**
- > Installation: **Mounted on DIN 35mm rail**
- > Type of earth connection: **TT/ NN**
- > Incorporated thermal protection
- > Energy status indication, incorporating the SPD's operating status
- > Discharge parameters: **I_{max} and In**
- > Response time: **Less than 25ns**
- > Width of module: **18mm per pole**
- > Colour: **Orange (AC) / Grey (DC)**
- > Material: **PBT**
- > IP rating: **IP20**





AC surge protection device **NEW**
T2 | 1P + NPE



- Characteristics:**
- > Number of poles: 1P + NPE
 - > Maximum continuous operating voltage UC (V~): 275V-440V
 - > Voltage protection level (Up<): 1,6kV

REF.	I _{max}	Width		
ASDST2240	40kA	36,0 mm	1	60



AC surge protection device **NEW**
T2 | 3P + NPE



- Characteristics:**
- > Number of poles: 3P + NPE
 - > Maximum continuous operating voltage UC (V~): 275V-440V
 - > Voltage protection level (Up<): 1.6kV

REF.	I _{max}	Width		
ASDST2440	40kA	72,0 mm	1	30



DC surge protection device **NEW**
1000DC | 3P



- Characteristics:**
- > Number of poles: 3P
 - > Maximum continuous operating voltage UC (V~): 1000V
 - > Voltage protection level (Up<): 3,8/ 4,5kV

REF.	I _{max}	Width		
ASDST3100040DC	40kA	54,0 mm	1	40

Modular contactors

- Connection capacity: 1-25mm² ○ IP rating: IP20



Characteristics:

- › Maximum power: **AC1 220/ 230V AC: 20A 4,5kW**
25A 16kW
- › Capacity of the main contact terminals: **1,5 - 6mm², 20**
6 - 35mm², 40
- › Coil contact A1, terminal capacity A2: **0,75 - 2,5mm²**
- › Electrical resistance: **≥100,000**
- › Mechanical resistance: **≥5000,000**
- › Terminal tightening torque (N.m): **0,8 - 3,5**
- › Ambient temperature (°C): **-5 ~ +60, max. 95% humidity**
- › Storage temperature (°C): **-40 ~ +75**

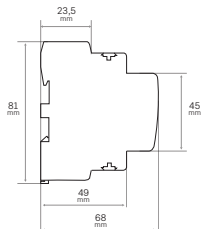
Modular contactor

2 NO



Characteristics:

- › Rated insulation voltage Ui: 500V
- › Operating voltage Ue: 230V
- › Rated current In (A): AC - 7A/ AC-1: 20
- › Rated current In (A): AC - 7B/ AC-1: 7
- › Rated control power (Kw): AC - 7A/ 230V: 4
- › Rated control power (Kw): AC - 7B/ 230V: 1,2



REF.	Control voltage	I(A)	Width		
ASMGF20230	230V	20A	18mm	12	120
ASMGF2024	24V	20A	18mm	12	120



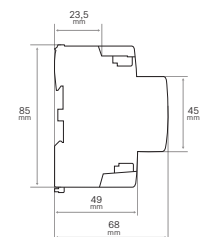
Contacteur modular

4 NO

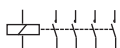


Characteristics:

- › Rated insulation voltage Ui: 500V (32A)
- › Operating voltage Ue: 230V
- › Rated current In (A): AC - 7A/ AC-1: 32 (32A)/ 40(40A)
- › Rated current In (A): AC - 7B/ AC-1: 12 (32A)/ 15(40A)
- › Rated control power (Kw): AC - 7A/ 400V: 21 (32A)/ 26(40A)
- › Rated control power (Kw): AC - 7B/ 400V: 6,5 (32A)/ 7,5 (40A)



REF.	Control voltage	I(A)	Width		
ASMGF32230	230V	32A	54mm	4	40
ASMGF40230	230V	40A	54mm	4	80



Analogue time switch 1 channel 1 Module



Characteristics:

- › Daily (24h)
- › Rated voltage: 230V AC
- › Current intensity: 16A
- › Frequency: 50/ 60Hz
- › Minimum period: 15min.
- › Maximum period: 24h
- › 1 channel
- › Backup: 72h
- › Ambient operating temp.: -10° ~+50°C
- › Application: DIN rail

REF.	Dimensions (L x A x P)		
ASHU1000	18 x 93 x 66mm	10	200

Analogue time switch 1 channel 3 Modules



Characteristics:

- › Daily (24h)
- › Rated voltage: 230V AC
- › Current intensity: 16A
- › Frequency: 50/ 60Hz
- › Minimum period: 30min.
- › Maximum period: 24h
- › 1 channel
- › Ambient operating temp.: -10° ~+50°C
- › With backup: 150h
- › Application: DIN rail

REF.	Dimensions (L x A x P)		
ASHU1001	54 x 92 x 67mm	1	100

Weekly digital time switch 2 Modules



Characteristics:

- › Weekly (7 days)
- › Electronic
- › Rated voltage: 230V AC
- › Rated voltage tolerance: 180-250V AC
- › Current intensity: 16A
- › Frequency: 50/60 Hz
- › Minimum programming interval: 1min
- › Consumption: 4VA
- › 1 channel
- › Memory autonomy: 30 days
- › Ambient operating temp.: -10° ~+40°C
- › Max ambient humidity: 35~85%
- › Application: DIN rail

REF.	Dimensions (L x A x P)		
ASDHC15A	36 x 187 x 66mm	1	100

Staircase time switch Unipolar



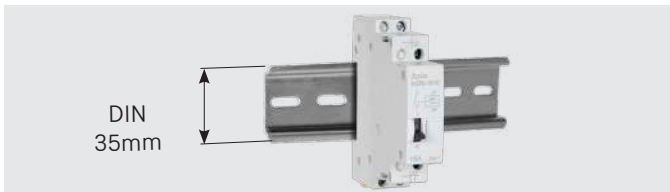
Characteristics:

- › Rated voltage U coil: 230V AC
- › Frequency: 50 Hz
- › Current intensity: 16A
- › Max current intensity: 50mA
- › Regulation: 1 to 7 min.
- › Manual/ automatic sliding switch
- › Ambient operating temp.: -10° ~+40°C
- › Application: DIN rail

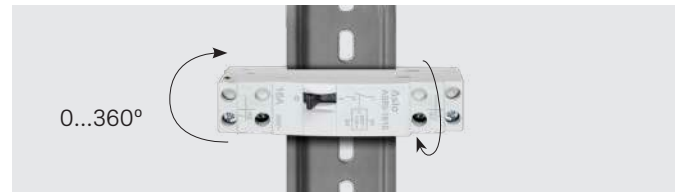
REF.	Dimensions (L x A x P)		
ASGE8	17,5 x 83 x 68,5mm	10	200

Impulse relays

- Reliable quality ○ Resistance to high temperature ○ No Noise – silent



Mounted on DIN 35mm rail



Indifferent mounting position

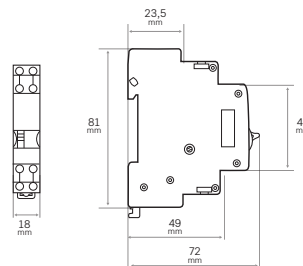
Control circuit:

- › Dissipated power (during pulse): **19 VA**
- › Illuminated PB control: **Max. current 3mA**
- › Operating threshold: **Min. 85% of Un**
- › Length of control order: **50ms to 1s**
- › Response time: **50ms**

Power circuit:

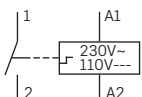
- › Rated voltage (Ue): **250V AC**
- › Maximum number of operations per minute: **5**
- › Maximum number of switching operations per day: **100**
- › Resistance: **200,000 cycles (AC21)**
100,000 cycles (AC22)
- › Insulation voltage (Ui): **440V AC**
- › Rated impulse withstand voltage (Uimp): **6kV**
- › Operating temperature (°C): **-5° ~ +60°**

- › Storage temperature (°C): **-40° ~ +70°**
- › Surge category: **IV**
- › Pollution level: **3**
- › Device IP rating: **IP20**
- › Device IP rating in modular: **IP40**



Impulse relay

1P



Characteristics:

- › Rated voltage in U coil: **230V AC**
- › Rated voltage in U contact: **230V AC**
- › Rated current: **16A**

REF.

ASRI1610



12



126



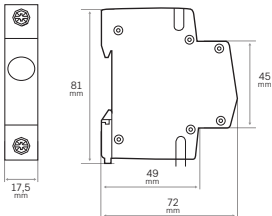
Indicator lights

○ Long service life: 30.000h ○ IP Rating: IP20



Characteristics:

- › Rated current: 20A
- › Rated voltage: 230V AC
- › Rated insulation voltage Ui: 500V
- › Frequency: 50/ 60Hz
- › Light: LED
- › Ambient temperature (°C): -5 ~+40, max. 95% humidity
- › Storage temperature (°C): -40 ~ +75
- › Connection capacity: 1 - 16mm²
- › Type of busbar: Pin and fork
- › Mounting: DIN 35mm rail
- › Width / module: 17.5mm
- › Colour: yellow, white, green and red



Indicator light
Modular

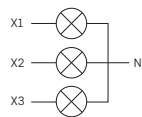


REF.	Colour		
ASGSAM	●	12	240
ASGSBR	○	12	240
ASGSVD	●	12	240
ASGSVM	●	12	240

Triple indicator light



- Characteristics:**
- > Current intensity: 20A
 - > Rated voltage Un: 230V AC
 - > Rated voltage Ui: 500V
 - > LED bulb service life: 30.000h
 - > Connection capacity: 1 - 16mm²
 - > Ambient operating temperature: -5°C ~ 35°C
 - > Width/Module: 17,5 mm

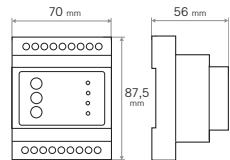


REF.			
ASGST		12	240

Remote control for emergency lighting



- Characteristics:**
- > Rated input voltage: 230V AC
 - > Frequency: 50-60Hz
 - > Rated output voltage: 9V dc
 - > Consumption: 1,1W (standby)
 - > Battery: NIMH 8.4Vdc – 200mAh
 - > Max. conductor cross-section: 2,5mm²
 - > Maximum number of light fittings: 100
 - > Mounting: DIN 35mm rail
 - > Operating temperature: 0°~+50°C
 - > IP rating: IP20
 - > Insulation class: II



REF.	Modules		
ASTCIE	4	1	30

Modular bells and transformer

- Mounting on DIN 35mm rail
- IP Rating: IP20

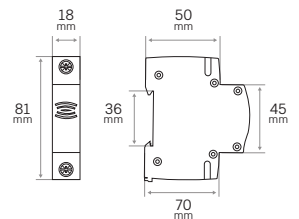


Bell Modular



Characteristics:

- › Rated voltage: 12V, 24 V, 230V
- › Noise level: 78dB
- › Installation class: II and III
- › Pollution level: II
- › Working conditions: Short time



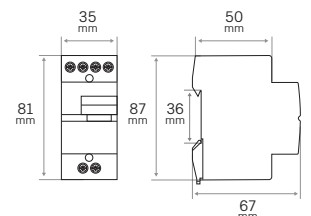
REF.	Operating voltage	Consumption		
ASGS0	250V	4,8VA	12	240
ASGS0A5	12V	4,8VA	12	240
ASGS0B5	24V	4,0VA	12	240

Transformer Modular



Characteristics:

- › Rated input voltage: 230V AC
- › Frequency: 50-60Hz
- › Rated output voltage: 0V, 8V, 12V, 24V
- › Rated power output: 8VA
- › Consumption: 1,15W
- › Operating period: Continuous
- › Connection capacity: 10mm² max rigid conductor
- › Height of connecting terminals: 15.5mm



REF.	Primary U1	Secondary U2		
ASGTF8	230V	0V, 8V, 12V, 24V	6	48

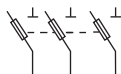


Cut out - fuse holder 1P



- Characteristics:**
- › Rated operating voltage Ue: 800V AC
 - › Rated impulse withstand voltage: 6kV
 - › Number of poles: 1P
 - › Fuse sizes: 10x38 (32A) and 22x58 (125A)
 - › Rated operating current Ie: 2-32A (690V AC)
 - › Installation: DIN 35mm rail
 - › IP rating: IP20

REF.	Poles	In		
ASGF132	1P	32A	12	300
ASGF1125	1P	125A	6	96



Cut out - fuse holder 3P



- Characteristics:**
- › Rated operating voltage Ue: 800V AC
 - › Rated impulse withstand voltage: 6kV
 - › Number of poles: 3P
 - › Fuse sizes: 10x38 (32A) and 22x58 (100A)
 - › Rated operating current Ie: 10-125A (500V AC)
 - › Installation: DIN 35mm rail
 - › IP rating: IP20

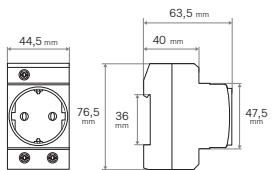
REF.	Poles	In		
ASGF332	3P	32A	4	300
ASGF3100	3P	100A	2	96



Schuko socket



- Characteristics:**
- › Number of poles: 2P + E
 - › Rated voltage: 230V
 - › Current intensity In: 16) A
 - › Cross-section: 0.75 - 25mm²



REF.	Modules		
AS1016	2,5	5	100

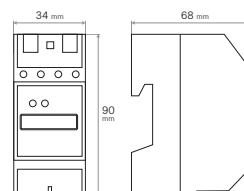


Single phase modular energy meter - 2 wires

2 Modules

Characteristics:

- › Rated voltage: 230V AC
- › Frequency: 50 Hz
- › Current intensity: min. 5 (max. 50) A
- › Pulse rate: 1600 kWh
- › Energy consumption: < 1.5W / 6VA per phase
- › Ambient operating temp.: -10° ~+50°C
- › Type of display: Digital
- › Display: LCD
- › Precision class: I



REF.

ASADM655C



1



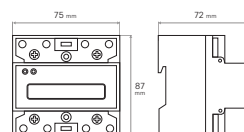
80

Single phase modular energy meter

4 Modules

Characteristics:

- › Rated voltage: 230V AC
- › Frequency: 50 Hz
- › Current intensity: min. 15 (60) A
- › Pulse rate: 800 kWh
- › Ambient operating temp.: -10° ~+ 50°C
- › Type of display: Digital
- › Display: LCD
- › Precision class: I



REF.

ASADM100SC



1



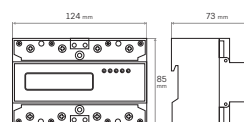
40

Three phase modular energy meter - 4 wires

7 Modules

Characteristics:

- › Rated voltage: 3 x 230/400V AC
- › Frequency: 50 Hz
- › Current intensity: 3 x 5 (60) A
- › Pulse rate: 400 kWh
- › Ambient operating temp.: -10° ~+ 70°C
- › Type of display: Digital
- › Display: LCD
- › Precision class: I



REF.

ASADM100TC



1



24

Moulded case circuit breaker **NEW**

- Number of poles: 4P
- Thermal adjustment
- Rated current from 125A to 630A



Trip button



Flame-proof and isolated casing



Transparent lid anti-touch



Thermal regulation 0.8, 0.9, 1.0



Separators included

The DCM6s Moulded Case Circuit Breakers are thermally adjustable and suitable for AC 50Hz/60Hz, rated voltage up to 415V, rated current from 125A to 630A and act as infrequent switches or starters. They have been developed and manufactured in accordance with IEC60947-2 and are ideal for use in industrial, commercial and building installations.

They have a fully insulated, flame-proof casing and can be used in a variety of applications, with excellent performance in extremely demanding surge and short-circuit conditions..

Benefits:

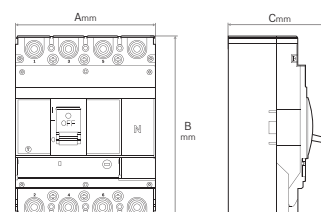
- › High breaking capacity up to 85kA
- › Wide temperature adaptability, normally operating between -25°C and 55°C

Characteristics:

- › Number of poles: **4P**
- › Rated current I_n : **125A, 160A, 250A, 400A and 630A**
- › Magnetic tripping current (I_i): **10* I_n**
- › Thermal regulation (I_n): **0.8/ 0.9/ 1.0**
- › Rated operating voltage (V) I_n : **380/ 400/ 415V AC**
- › Rated impulse withstand voltage U_{imp} : **8kV**
- › Reference temperature: **40°/ 55°C**
- › Installation:
 - Auxiliary contact (OF) - on left side
 - Auxiliary contact (SD) - on right side
 - Shunt trip (MX) - on left side
 - Undervoltage release circuit trip (MN) - on right side

Circuit breaker with thermal regulation **NEW**

DCM6S | 4P



REF.	I(A)	kA	Dimensions (AxBxC)		
ASDCM6S4125	125A	25	100 x 133 x 82 mm	1	16
ASDCM6S4160	160A	36	122 x 155 x 93 mm	1	12
ASDCM6S4250	250A	50	142 x 165 x 99 mm	1	8
ASDCM6S4400	400A	85	184 x 257 x 148 mm	1	2
ASDCM6S4630	630A	85	198 x 257 x 148 mm	1	2

Aslo

ASDCM6S440

$I_n = 400A$

$U_i = 1000V$

$U_{imp} = 8kV$

50/60Hz +40°C



Cat.A



PUSH TO TRIP

MCCB

$U_e(V)$ I_{cu} I_{cs}
380/400/415~ 85kA 60kA

IEC/EN60947-2



N

ON
I



0.8

1.0

0.8

1.0

$I^2t (x I_n)$

Auxiliary contact ^{NEW}
OF | 1 NA/ NF



Characteristics:

- › Accessory connected to the auxiliary circuit of the switching device to indicate or not the 'ON' status of the circuit-breaker
- › Conventional thermal current: 3A
- › Use category: AC 15/ DC 13
- › Operational electricity 50Hz: AC 400V / 3A - 0,3A/ DC 220V/ 3A - 0,15A

		ON	OFF/ TRIP
Auxiliary contact			
REF.	Compatibility		
ASCAOF125	for 125A	10	100
ASCAOF160	for 160A	10	100
ASCAOF250	for 250A	10	100
ASCAOF400630	for 400-630A	8	80

Auxiliary alarm contact ^{NEW}
SD | 1 NA/ NF



Characteristics:

- › Accessory used to indicate whether the circuit-breaker is 'ON' or not. When the alarm contact indicates that the circuit-breaker is tripped, there are the following 5 possibilities:
 - Surge or short-circuit fault
 - Coil release action
 - Residual current fault
 - Line fault and undervoltage release action
- › Conventional thermal current: 3A
- › Use category: AC 15/ DC 13
- › Operational electricity 50Hz: AC 400V / 3A - 0,3A/ DC 220V/ 3A - 0,15A

		ON/ OFF	TRIP
Auxiliary contact			
REF.	Compatibility		
ASCASD125	for 125A	10	100
ASCASD160	for 160A	10	100
ASCASD250	for 250A	10	100
ASCASD400630	for 400-630A	8	80

Shunt trip ^{NEW}
MX



Characteristics:

- › The coil must reliably trip the circuit-breaker at a voltage between 70% and 110% of the rated voltage of the control power U_e
- › The circuit-breaker must be reset on site after tripping via the protective coil

REF.	Compatibility		
ASBMX125230	for 125A	10	100
ASBMX160230	for 160A	10	100
ASBMX250230	for 250A	10	100
ASBMX400630230	for 400-630A	8	80

Undervoltage release circuit trip **NEW**
MN



Characteristics:

- › Undervoltage release must reliably trip the circuit-breaker at a voltage of between 35% and 70% of the rated operating voltage
- › Undervoltage protection must ensure that the circuit-breaker can be switched on at a voltage of between 85% and 110% of the rated operating voltage
- › Undervoltage protection must prevent the circuit-breaker from switching on when the voltage is less than 35% of the rated operating voltage

REF.	Compatibilidade		
ASBMN125230	for 125A	6	60
ASBMN160230	for 160A	6	60
ASBMN250230	for 250A	6	60
ASBMN400630230	for 400-630A	4	40

Set of 4 spreader links **NEW**



Characteristics:

- › Direct spreader link
- › Spreader link with distance between electrodes
- › Busbar and extension can be connected to the input or output terminal of the circuit-breaker

REF.	Compatibility		
ASEDCM6S4125	for 125A	1	80
ASEDCM6S4160	for 160A	1	50
ASEDCM6S4250	for 250A	1	50
ASEDCM6S4400	for 400A	1	30
ASEDCM6S4630	for 630A	1	25

Switch disconnectors **NEW**

- Number of poles: 4P
- Rated current: 160A to 630A



The ASLO switch disconnector is an electrical device suitable for AC 50/60Hz, rated voltage less than 660V (690V). The switch disconnector is also suitable for DC, rated voltage less than 440V. Its rated current is 160A~630A. It is suitable for producing and interrupting electrical circuit current or for electrical insulation purposes in the power system. This product complies with the IEC60947-3 standard

Structural features:

- › The structure of the switch disconnector is made from unsaturated polyester resin reinforced with glass fibre plastic (DMC). The contact structure ensures the action of the spring mechanism for opening the contacts. The switch disconnector can automatically determine the 'on' and 'off' limit position and has a clear indication of the on-off position
- › The switch disconnector is 4P (3P+N)
- › There is a display on the front of the device to indicate the ON and OFF contact status
- › The handle can be installed directly in the centre of the switch. It is possible to attach a longer handle that can be installed on the outside of the switchboard door using a 300mm shaft extender.

Environmental conditions:

- › The ambient temperature must not be higher than +40°C or below -5°C
- › When the maximum temperature is above +40°C, the relative humidity

of the air must not exceed 50 %. At lower temperatures it can withstand a higher relative humidity, but measures must be taken when the temperature changes periodically

- › The disconnector switch must not be used in explosive environments
- › The altitude must not exceed 2000 metres

Characteristics:

- › Dielectric rigidity: **3000V**
- › Rated impulse withstand voltage (Uimp): **6kV**
- › Rated operating voltage (Ue): **AC 400V**
- › Rated frequency: **50Hz**
- › Use category: **AC-20A, 21B**
- › Rated operating current Ie (A): **160, 250, 400, 630**
- › Closing capacity: **10Ie A**
- › Cut-out capacity: **8Ie A**
- › Rated short-circuit capacity: **ASIS4630 - 630kA**
- › Rated admissible short-term current: **10, 10, 20, 35kA**

Switch disconnector **NEW** 4P



Characteristics:

- › Rated insulation voltage (Ui): 750V

REF.	I(A)	Electrical Durability	Electrical Durability	Tightening torque (Nm)		
ASIS4160	160A	5000	5000	6,5	1	8
ASIS4250	250A	3000	600	15	1	8
ASIS4400	400A	3000	600	15	1	8
ASIS4630	630A	2000	300	27	1	8

Extension shaft for switch disconnector **NEW**



REF.		Length	Compatibility		
ASPE88300	8 x 8	300mm	160A	1	1
ASPE1010300	10 x 10	300mm	250-630A	1	1

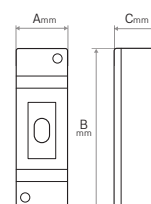


Doorless distribution - without a door

- Insulation class: IK05
- Insulation class: II ○ Material: ABS



Distribution box without door



REF.	Modules	Dimensions (AxBxC)	Notes		
ASCD1	1	60 x 130 x 34 mm	-	12	300
ASCD2	2	60 x 130 x 52 mm	-	6	240
ASCD4	4	87 x 130 x 60 mm	With access and seal	5	100
ASCD6	6	123 x 160 x 65 mm	-	5	100
ASCD8	8	160 x 160 x 60 mm	-	5	50

Distribution boards - flush mounting

- IK rating: IP30 ○ IP rating: IK06
- Insulation class: II ○ Material: ABS body and PC door



DIN 35mm rail
- easy installation



Connection
busbar
included



Ample interior space for
making connections



Press door opening with
automatic lock
(6, 12, 18MD)



Level included for perfect
installation

ASLO distribution board, available in flush-mounted and surface-mounted versions to ensure quality and reliability and offer the flexibility for various applications in residential and commercial environments.
Made with transparent and opaque door, they are ideal for installing modular equipment.
Sized for the installation of 6, 12, 18, 24 and 36 modules, they have

ample internal space, facilitating electrification and enabling the installer to carry out quality work safely and efficiently.

Characteristics

- > Current intensity: **63A, 100A e 125A**
- > Ambient operating temperature: **-5 ~+40°C**
- > Ambient humidity max.: **95%**

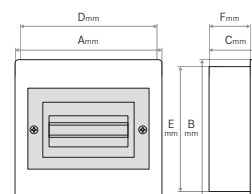
Flush distribution board with transparent vertical door IP30



Vertical opening door



Busbar and pre-cuts



REF.	Modules	Busbars	Dimensions (AxBxC)	Holes (flush - DxExF)	Pre-cuts (Upper/ Lower)		
ASQDET6	1 row x 6	1 Busbar 4 x Ø16mm ² + 1 Busbar 3 x Ø16mm ²	210 x 220 x 102 mm	194 x 204 x 77 mm	Ø20mm or Ø32mm / -	1	20
ASQDET12	1 row x 12	2 Busbar 6 x Ø16mm ² + 1 Busbar 4 x Ø16mm ²	318 x 220 x 102 mm	302 x 204 x 77 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	10
ASQDET18	1 row x 18	3 Busbar 6 x Ø16mm ²	426 x 220 x 102 mm	410 x 204 x 77 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	10

Modular distribution boards - flush mounting

Flush distribution board With opaque vertical door IP30



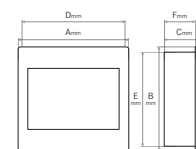
Vertical door
open



Opaque window with
automatic lock



Busbars
and pre-cuts



REF.	Modules	Busbars	Dimensions (AxBxC)	Holes (flush - DxExF)	Pre-cuts (Upper/ Lower)		
ASQDE06	1 row x 6	1 busbar 4 x Ø16mm ² + 1 busbar 3 x Ø16mm ²	210 x 220 x 102 mm	194 x 204 x 77 mm	Ø20mm or Ø32mm / -	1	20
ASQDE012	1 row x 12	2 busbar 6 x Ø16mm ² + 1 busbar. 4 x Ø16mm ²	318 x 220 x 102 mm	302 x 204 x 77 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	10
ASQDE018	1 row x 18	3 busbar 6 x Ø16mm ²	426 x 220 x 102 mm	410 x 204 x 77 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	10

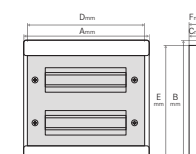
Flush distribution board With transparent side door IP30



Open side door



Busbar and pre-cuts



REF.	Modules	Busbars	Dimensions (AxBxC)	Holes (flush - DxExF)	Pre-cuts (Upper/ Lower)		
ASQDET24	2 rows x 12	4 busbar 6 x Ø16mm ² + 2 busbar 4 x Ø16mm ²	318 x 310 x 109 mm	302 x 294 x 77 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	5
ASQDET36	2 rows x 18	6 busbar 6 x Ø16mm ²	426 x 310 x 109 mm	410 x 294 x 77 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	5

Flush distribution board with opaque side door IP30



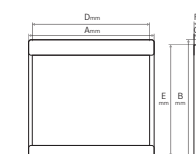
Side door
open



Opaque window with
automatic lock



Busbars
and pre-cuts



REF.	Modules	Barramentos	Dimensions (AxBxC)	Holes (flush - DxExF)	Pre-cuts (Upper/ Lower)		
ASQDE024	2 rows x 12	4 busbar 6 x Ø16mm ² + 2 busbar. 4 x Ø16mm ²	318 x 310 x 109 mm	302 x 294 x 77 mm	Ø16mm ou Ø25mm / Ø20mm ou Ø32mm	1	5
ASQDE036	2 rows x 18	6 busbar 6 x Ø16mm ²	426 x 310 x 109 mm	410 x 294 x 77mm	Ø16mm ou Ø25mm / Ø20mm ou Ø32mm	1	5

Modular distribution boards - Surface mounting

- IP rating: IP30 ○ IK rating: IK05
- Insulation class: II ○ Fire resistance: 650°/30s



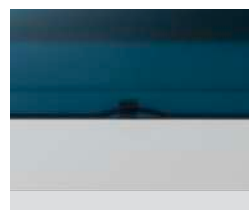
DIN 35mm rail
- easy installation



Connection busbar
included



Ample interior space for
making connections



Press door opening with
automatic lock (6, 12,
18MD)



Level included for perfect
installation

ASLO switchboards, available in flush-mounted and surface-mounted versions to ensure quality and reliability and offer the flexibility for various applications in residential and commercial environments. Made with transparent and opaque door, they are ideal for installing modular equipment. Sized for the installation of 6, 12, 18, 24 or 36 modules, they have ample internal space, facilitating electrification and enabling the installer to carry out quality work safely and efficiently.

Characteristics:

- > Current intensity: **63A, 100A e 125A**
- > Funcionamento Ambient temperature: **-5 ~+40°C**
- > Humidade ambiente max.: **95%**
- > Material: **ABS box, PC door**

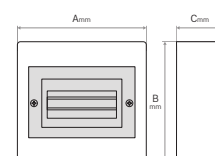
Surface mounted distribution board With transparent, vertical door IP30



Vertical opening door



Busbar and pre-cuts



REF.	Modules	Busbars	Dimensions (AxBxC)	Pre-cuts (Upper/ Lower)		
ASQDST6	1 row x 6	1 Busbar 4 x Ø16mm ² + 1 Busbar 3 x Ø16mm ²	194 x 204 x 102 mm	Ø20mm or Ø32mm / -	1	20
ASQDST12	1 row x 12	2 Busbar 6 x Ø16mm ² + 1 Busbar 4 x Ø16mm ²	302 x 204 x 102 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	10
ASQDST18	1 row x 18	3 Busbar 6 x Ø16mm ²	410 x 204 x 102 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	10

Modular switchboards - surface mounting

Distribution board With opaque vertical door IP30



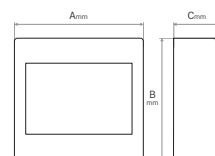
Opaque window with automatic lock



Vertical door open



Interior Busbars



REF.	Modules	Busbars	Dimensions (AxBxC)	Pre-cuts (Upper/ Lower)		
ASQDS06	1 row x 6	1 Busbar 4 x Ø16mm ² + 1 Busbar 3 x Ø16mm ²	194 x 204 x 102 mm	Ø20mm or Ø32mm / -	1	20
ASQDS012	1 row x 12	2 Busbar 6 x Ø16mm ² + 1 Busbar 4 x Ø16mm ²	302 x 204 x 102 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	10
ASQDS018	1 row x 18	3 Busbar 6 x Ø16mm ²	410 x 204 x 102 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	10

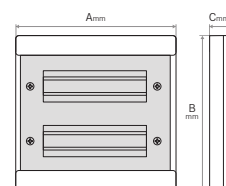
Distribution board With transparent side door IP30



Open side door



Busbar and pre-cuts



REF.	Modules	Busbars	Dimensions (AxBxC)	Pre-cuts (Upper/ Lower)		
ASQDST24	2 rows x 12	4 Barr. 6 x Ø16mm ² + 2 Barr. 4 x Ø16mm ²	302 x 294 x 109 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	5
ASQDST36	2 row x 18	6 Barr. 6 x Ø16mm ²	410 x 294 x 109 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	5

Distribution board with opaque side door IP30



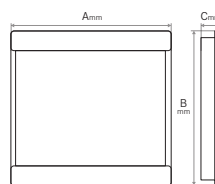
Opaque window with automatic lock



Side door open



Interior Busbars



REF.	Modules	Busbars	Dimensions (AxBxC)	Pre-cuts (Upper/ Lower)		
ASQDS024	2 rows x 24	4 Busbar 6 x Ø16mm ² + 2 Busbar 4 x Ø16mm ²	302 x 294 x 109 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	5
ASQDS036	2 rows x 18	6 Busbar 6 x Ø16mm ²	410 x 294 x 109 mm	Ø16mm or Ø25mm / Ø20mm or Ø32mm	1	5

Waterproof distribution boards - vertical door

- IP rating: IP65 ○ IK rating: IK06
- Insulation class: II ○ Fire resistance: 650°/30s



Markings for pre-cuts on the side



Transparent viewing window



Waterproof seal



DIN rail 35mm



Steady handle

The waterproof distribution boards are designed for outdoor use. The ABS body, PC door and rubber seals allow a protection level of up to IP65. The spacious interior is suitable for installing large components in the box and makes connection more convenient. Self-extinguishing, resistant to glowing wires of up to 650°C and class 2 insulation, they are the safe and reliable choice for use in residential, commercial and industrial environments.

Characteristics:

- › Rated voltage: **690V AC**
- › Ambient temperature: **-5 ~+40°C**
- › Storage temperature: **-40 ~+75°C**
- › Max temperature 50% humidity allowed under max +40°C
- › Pre-cuts on the top and sides
- › Material: **ABS box, PC door**
- › Supplied with removable earth and neutral busbar

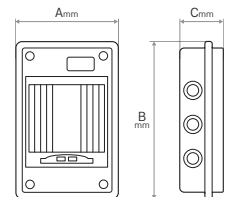
Waterproof distribution board With transparent, vertical door IP65



Ensures water-tightness and insulation class



Cable inlet included



REF.	Colour	Modules	Busbars	Dimensions (AxBxC)	Pre-cuts		
ASQDE5	RAL 7035	1 row x 5	T + N - 2 x 5 holes	120 x 160 x 90mm	(10 x PG13,5 + PG21)	1	40
ASQDE8	RAL 7035	1 row x 8	T + N - 2 x 8 holes	155 x 200 x 93 mm	(10 x PG13,5 + PG21 + PG29)	1	30
ASQDE12	RAL 7035	1 row x 12	T + N - 2 x 12 holes	197 x 253 x 108 mm	(12 x PG13,5 + PG21 + PG29)	1	20
ASQDE18	RAL 7035	1 row x 18	T + N - 2 x 18 holes	365 x 198 x 108 mm	(14 x PG13,5 + PG21 + PG29)	1	15
ASQDE24	RAL 7035	2 rows x 12	T + N - 4 x 12 holes	275 x 355 x 108 mm	(14 x PG13,5 + PG21 + PG29)	1	10

Waterproof distribution boards - side door

- IP rating: IP65 ○ IK rating: IK06
- Insulation class: II ○ Fire resistance: 650°/30s



Smooth walls without pre-cuts



Transparent viewing window



Waterproof seal



DIN rail 35mm



Steady handles

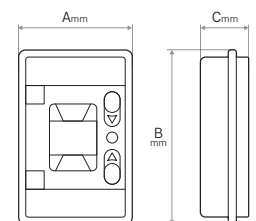
The waterproof distribution boards are designed for outdoor use. The ABS body, PC door and rubber seals allow a protection level of up to IP65. The spacious interior is suitable for installing large components in the box and makes connection more convenient. Self-extinguishing, resistant to glowing wires of up to and class 2 insulation, they are the safe and reliable choice for use in residential, commercial and industrial environments.

Characteristics:

- › Rated voltage: **690V AC**
- › Ambient temperature: **-5 ~+40°C**
- › Storage temperature: **-40 ~+75°C**
- › Max temperature 50% humidity allowed under max +40°C
- › Pre-cuts on the top and sides
- › Material: **ABS box, PC door**
- › Supplied with removable earth and neutral busbar

Waterproof distribution board With side door

IP65



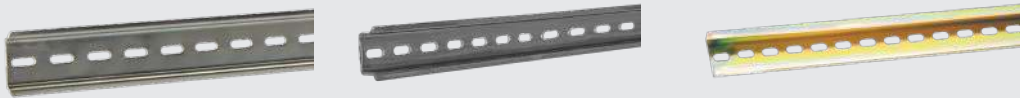
REF.	Colour	Modules	Busbars	Dimensions (AxBxC)		
ASQDEL4	RAL 7035	1 row x 4	T + N - 2 x 4 holes	140 x 210 x 100 mm	1	20
ASQDEL8	RAL 7035	1 row x 8	T + N - 2 x 8 holes	215 x 210 x 100 mm	1	20
ASQDEL12	RAL 7035	1 row x 12	T + N - 2 x 12 holes	295 x 260 x 140 mm	1	10
ASQDEL18	RAL 7035	1 row x 18	T + N - 2 x 18 holes	410 x 285 x 140 mm	1	5
ASQDEL24	RAL 7035	2 rows x 12	T + N - 4 x 12 holes	300 x 420 x 140 mm	1	5



Distribution board accessories

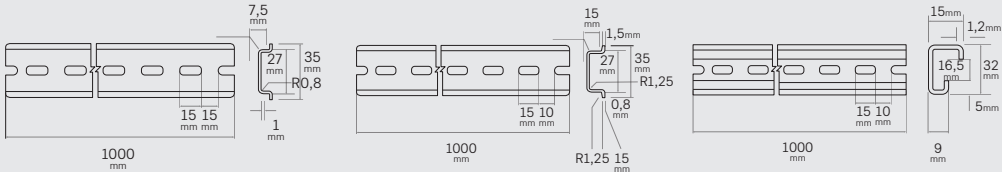


Reference	ASM012B	ASM012C
Designation	Blanking plate	Blanking plate
Colour	○	●
Number of modules	12	12



Reference	ASDR101	ASDR201	ASDR202
Designation	Slotted DIN rail	Slotted DIN rail	Slotted DIN rail
Dimensions (AxBxC)	1000 x 35 x 7,5 mm	1000 x 35 x 15 mm	1000 x 32 x 15 mm

Technical drawing



Fuses

Ø 10 x 38mm



Characteristics:

- › Rated voltage Un: 500V
- › Max. Cut-out intensity: 100kA

TYPE AM.

REF.	In		
AS103802AM	2A	10	2000
AS103804AM	4A	10	2000
AS103806AM	6A	10	2000
AS103808AM	8A	10	2000
AS103810AM	10A	10	2000
AS103812AM	12A	10	2000
AS103816AM	16A	10	2000
AS103820AM	20A	10	2000
AS103825AM	25A	10	2000
AS103832AM	32A	10	2000

TYPE GL.

REF.	In		
AS103802GL	2A	10	2000
AS103804GL	4A	10	2000
AS103806GL	6A	10	2000
AS103808GL	8A	10	2000
AS103810GL	10A	10	2000
AS103812GL	12A	10	2000
AS103816GL	16A	10	2000
AS103820GL	20A	10	2000
AS103825GL	25A	10	2000
AS103832GL	32A	10	2000

Fuses

Ø 14 x 51mm



Characteristics:

- › Rated voltage Un: 500V
- › Max. Cut-out intensity: 100kA

TYPE AM.

REF.	In		
AS145104AM	4A	10	1200
AS145106AM	6A	10	1200
AS145110AM	10A	10	1200
AS145116AM	16A	10	1200
AS145120AM	20A	10	1200
AS145150AM	50A	10	1200
AS145163AM	63A	10	1200

TYPE GL.

REF.	In		
AS145104GL	4A	10	1200
AS145125GL	25A	10	1200
AS145150GL	50A	10	1200

Fuses

Ø 22 x 58mm



Characteristics:

- › Rated voltage Un: 500V A
- › Max. Cut-out intensity: 100kA

TYPE AM.

REF.	In		
AS225810AM	10A	10	400
AS225816AM	16A	10	400
AS225820AM	20A	10	400
AS225825AM	25A	10	400
AS225832AM	32A	10	400
AS225840AM	40A	10	400
AS225850AM	50A	10	400
AS225863AM	63A	10	400
AS225880AM	80A	10	400
AS2258100	100A	10	400
AS2258125AM	125A	10	400

TYPE GL.

REF.	In		
AS225810GL	10A	10	400
AS225816GL	16A	10	400
AS225820GL	20A	10	400
AS225825GL	25A	10	400
AS225832GL	32A	10	400
AS225840GL	40A	10	400
AS225850GL	50A	10	400
AS225863GL	63A	10	400
AS225880GL	80A	10	400
AS2258100GL	100A	10	400
AS2258125GL	125A	10	400

Knife blade fuses NH00



Characteristics:

- › Rated voltage Un: 500V
- › Cut-out intensity: 500V - 120kA

TYPE AM.

REF.	In		
ASNH0010AM	10A	5	100
ASNH0016AM	16A	3	100
ASNH0020AM	20A	5	100
ASNH0025AM	25A	5	100
ASNH0032AM	32A	5	100
ASNH0036AM	36A	5	100
ASNH0040AM	40A	5	100
ASNH0050AM	50A	5	100
ASNH0063AM	63A	5	100
ASNH0080AM	80A	5	100
ASNH00100AM	100A	5	100
ASNH00125AM	125A	5	100
ASNH00160AM	160A	5	100

TYPE GL.

REF.	In		
ASNH0010GL	10A	5	100
ASNH0016GL	16A	5	100
ASNH0020GL	20A	5	100
ASNH0025GL	25A	5	100
ASNH0032GL	32A	5	100
ASNH0036GL	36A	5	100
ASNH0040GL	40A	5	100
ASNH0050GL	50A	5	100
ASNH0063GL	63A	5	100
ASNH0080GL	80A	5	100
ASNH00100GL	100A	5	100
ASNH00125GL	125A	5	100
ASNH00160GL	160A	5	100

Knife blade fuses NH1



Characteristics:

- › Rated voltage Un: 500V
- › Cut-out intensity: 500V - 120kA

TYPE AM.

REF.	In		
ASNH163AM	63A	3	60
ASNH180AM	80A	3	60
ASNH1100AM	100A	3	60
ASNH1125AM	125A	3	60
ASNH1160AM	160A	3	60
ASNH1200AM	200A	3	60
ASNH1225AM	225A	3	60
ASNH1250AM	250A	3	60

TYPE GL.

REF.	In		
ASNH163GL	63A	3	60
ASNH180GL	80A	3	60
ASNH1100GL	100A	3	60
ASNH1125GL	125A	3	60
ASNH1160GL	160A	3	60
ASNH1200GL	200A	3	60
ASNH1225GL	225A	3	60
ASNH1250GL	250A	3	60

Knife blade fuses NH2



Characteristics:

- › Rated voltage Un: 500V
- › Cut-out intensity: 500V - 120kA

TYPE AM.

REF.	In		
ASNH2125AM	125A	1	30
ASNH2160AM	160A	1	30
ASNH2200AM	200A	1	30
ASNH2225AM	225A	1	30
ASNH2250AM	250A	1	30
ASNH2300AM	300A	1	30
ASNH2315AM	315A	1	30
ASNH2400AM	400A	1	30

TYPE GL.

REF.	In		
ASNH2125GL	125A	1	30
ASNH2160GL	160A	1	30
ASNH2200GL	200A	1	30
ASNH2215GL	215A	1	30
ASNH2225GL	225A	1	30
ASNH2250GL	250A	1	30
ASNH2300GL	300A	1	30
ASNH2355GL	255A	1	30

Knife blade fuses
NH3



- Characteristics:**
- › Rated voltage Un: 500V
 - › Cut-out intensity: 500V - 120KA | 600V - 50KA

TYPE AM.

REF.	In		
ASNH3425AM	425A	10	-
ASNH3450AM	450A	10	-
ASNH3560AM	560A	10	-

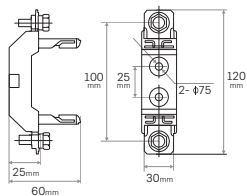
TYPE GL.

REF.	In		
ASNH3355GL	355A	10	-
ASNH3425GL	425A	10	-
ASNH3500GL	500A	10	-
ASNH3630GL	630A	10	-

Fuse holder



- Characteristics:**
- › Rated insulation voltage (V): 690V AC
 - › Material: porcelain

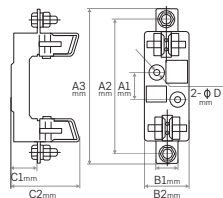


REF.	Type	Rated current (A)		
ASNH00	NH-00	160A	3	180

Fuse holder



- Characteristics:**
- › Rated insulation voltage (V): 690V AC
 - › Material: porcelain



REF.	Type	Rated current (A)	A1	A2	A3	B1	B2	C1	C2	ØD		
ASNH1	NH-1	250A	25	175	200	30	58	38	84	10,5	1	40
ASNH2	NH-2	400A	25	200	225	30	60	38	100	10,5	1	30
ASNH3	NH-3	630A	25	210	250	30	60	40	105	10,5	1	-

NH fuse puller



REF.		
ASFNT	1	50



Insulated neutral busbar



Characteristics:

- › Mounting on DIN rail
- › U_{imp}: 4 kV
- › U_e: 400 VAC
- › I_{cw rms 1s}: 3kA
- › Connection capacity: 16mm² max.

REF.	Connections	Dimensions		
ASBN7	7	49 x 14 x 31 mm	50	500
ASBN12	12	89 x 14 x 31 mm	20	500
ASBN15	15	109 x 14 x 31 mm	20	400



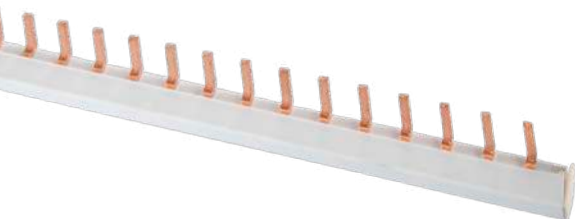
Insulated earth busbar



Characteristics:

- › Mounting on DIN rail
- › U_{imp}: 4 kV
- › U_e: 400 VAC
- › I_{cw rms 1s}: 3kA
- › Connection capacity: 16mm² max.

REF.	Connections	Dimensions		
ASBT7	7	49 x 14 x 31 mm	50	500
ASBT12	12	89 x 14 x 31 mm	20	500
ASBT15	15	109 x 14 x 31 mm	20	400



Pin busbar

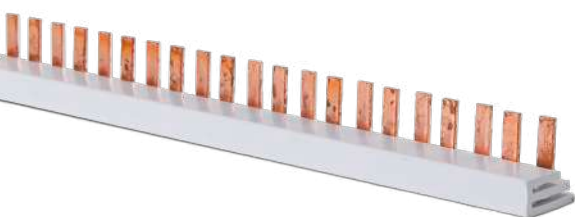
1P



Characteristics:

- › Rated voltage: 400V AC
- › Shock resistance voltage: 4kV
- › Isolating material: Non-flammable PC
- › Dimensions: 1000 mm

REF.	Number of modules	I(A)		
ASBP1100063	1 x 56	1P x 63A	20	100
ASBP1100080	1 x 56	1P x 80A	20	100



Pin busbar

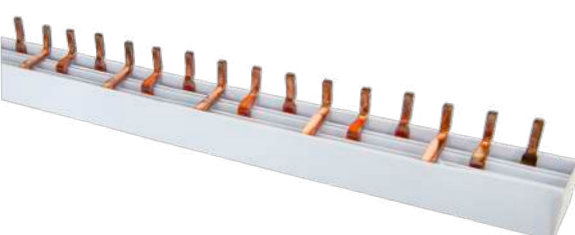
F + N



Characteristics:

- › Rated voltage: 400V AC
- › Shock resistance voltage: 4kV
- › Isolating material: Non-flammable PC
- › Dimensions: 1000 mm

REF.	Number of modules	I(A)		
ASBPN1100063	1 x 112	1P + N x 65A	10	50



Pin busbar

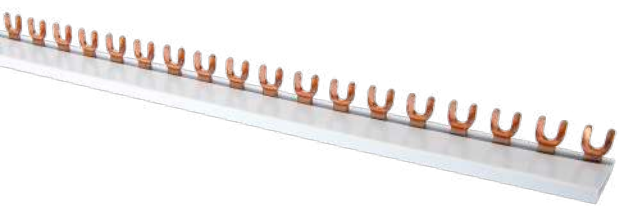
3P



Characteristics:

- › Rated voltage: 400V AC
- › Shock resistance voltage: 4kV
- › Isolating material: Non-flammable PC
- › Dimensions: 1000 mm

REF.	Number of modules	I(A)		
ASBP3100063	3 x 18	3P x 63A	10	50
ASBP3100080	3 x 56	3P x 80A	10	20

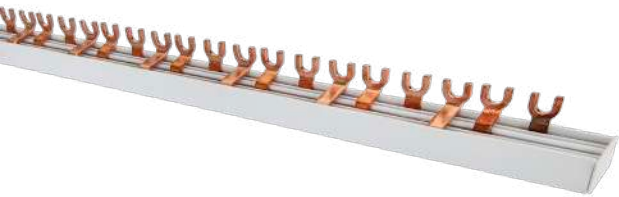


Fork busbar
1P



- Characteristics:**
- › Rated voltage: 400V AC
 - › Shock resistance voltage: 4kV
 - › Isolating material: Non-flammable PC
 - › Dimensions: 1000 mm

REF.	Number of modules	I(A)		
ASBF1100063	1 x 56	1P x 63A	10	100

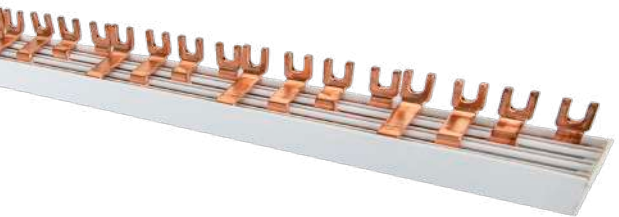


Fork busbar
3P



- Characteristics:**
- › Rated voltage: 400V AC
 - › Shock resistance voltage: 4kV
 - › Isolating material: Non-flammable PC
 - › Dimensions: 1000 mm

REF.	Number of modules	I(A)		
ASBF3100063	3 x 18	3P x 63A	10	50



Fork busbar
4P



- Characteristics:**
- › Rated voltage: 400V AC
 - › Shock resistance voltage: 4kV
 - › Isolating material: Non-flammable PC
 - › Dimensions: 1000 mm

REF.	Number of modules	I(A)		
ASBF4103063	4 x 14	4P x 63A	10	20
ASBF4103080	4 x 14	4P x 80A	10	20

Connection pin



Connection pin for cable



- Characteristics:**
- › Connection capacity 6 - 25 mm²
 - › Max current intensity: 63A

REF.		
ASF25K	20	600

Modular distribution blocks

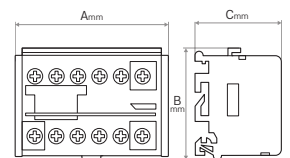
- Rated current: 125A ○ Rated voltage: 500V
- ICC: 20kA peak



Characteristics:

- › Supplied with insulated, transparent back plate
- › Cobertura de proteção frontal auto extingüível
- › Mounting: **DIN rail or plate mounting with 2 screws**
- › Each bar can be labelled using CAB 3TM
- › When installing under a front plate, a blank plate can be clipped onto the front plate insulation guard on each bar
- › Complies with standard **EN60947-1**

Modular distribution block 2P | 4P



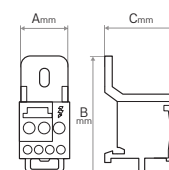
REF.	Poles- Mod.	In/Out Connection with pin mm ²	In/Out Connection without pin mm ²	Dimensions (A x B x C)		
ASREP8207	2P - 4 Mod.	5 x (1,5 a 6) + 2 x (6 a 16)	5 x (2,5 a 6) + 2 x (10 a 25)	65 x 50 x 42 mm	1	100
ASREP8211	2P - 6 Mod.	7 x (1,5 a 6) + 2 x (6 a 16) + 2 x (10 a 16)	7 x (2,5 a 6) + 2 x (10 a 25) + 2 x (10 a 35)	100 x 50 x 42 mm	1	120
ASREP8215	2P - 8 Mod.	11 x (1,5 a 6) + 2 x (6 a 16) + 2 x (10 a 16)	11 x (2,5 a 6) + 2 x (10 a 25) + 2 x (10 a 35)	135 x 50 x 42 mm	1	100
ASREP8407	4P - 4 Mod.	5 x (1,5 a 6) + 2 x (6 a 16)	5 x (2,5 a 6) + 2 x (10 a 25)	65 x 85 x 80 mm	1	100
ASREP8411	4P - 6 Mod.	7 x (1,5 a 6) + 2 x (6 a 16) + 2 x (10 a 16)	7 x (2,5 a 6) + 2 x (10 a 25) + 2 x (10 a 35)	100 x 85 x 50 mm	1	50
ASREP8415	4P - 8 Mod.	11 x (1,5 a 6) + 2 x (6 a 16) + 2 x (10 a 16)	11 x (2,5 a 6) + 2 x (10 a 25) + 2 x (10 a 35)	135 x 85 x 50mm	1	50

Distribution block

- Rated voltage: 690V ○ Flame retardant: UL94V0
- Material: PA nylon ○ Terminals: copper-brass



Distribution block 1P



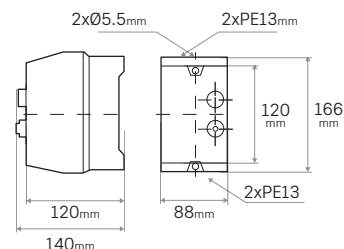
REF.	Poles	Current intensity	In/ Out Connection Min. / Max. mm ²	Dimensions (A x B x C)		
ASBL80	1P	85V	→ 1 x (6 to 16) → 4 x (2,5 to 16)	30 x 69 x 49 mm	5	200
ASBL125	1P	150V	→ 1 x (10 to 35) + 4 x (6 to 16) → 4 x (2,5 to 16)	29 x 77 x 46 mm	5	150
ASBL160	1P	200V	→ 1 x (10 to 70) + 4 x (6 to 16) → 6 x (2,5 to 16)	29 x 77 x 46 mm	5	150
ASBL250	1P	255V	→ 1 x (35 to 120) → 2 x (6 to 35) + 5 x (2,5 to 16) + 4 x (2,5 to 10)	47 x 96 x 50 mm	3	60
ASBL400	1P	335V	→ 1 x (95 to 185) → 2 x (6 to 35) + 5 x (2,5 to 16) + 4 x (2,5 to 10)	47 x 96 x 50 mm	3	60

Magnetic starter



Characteristics:

- > IP rating: IP65
- > Number of poles: 3P
- > IK rating: IK07
- > Operating temperature: -5°C ~+40°C
- > Insulation class: II



REF.	Rated current	Coil	Corresponding articles		Rated power AC-3 (kW)							
			Thermal relay	AC contactor	220/230V	380/400V	415V	440V	660/690V			
ASGED09P7	9A	230V	"ASGR1304..."	"ASGC09..."	2,2	4	4	4	5,5	1	16	
ASGED09V7	9A	400V	"ASGR1304..."	"ASGC09..."	2,2	4	4	4	5,5	1	16	
ASGED12P7	12A	230V	"ASGR1305..."	"ASGC12..."	3	5,5	5,5	5,5	7,5	1	16	
ASGED12V7	12A	400V	"ASGR1305..."	"ASGC12..."	3	5,5	5,5	5,5	7,5	1	16	
ASGED18P7	18A	230V	"ASGR1316..."	"ASGC18..."	4	7,5	9	9	10	1	16	
ASGED18V7	18A	400V	"ASGR1316..."	"ASGC18..."	4	7,5	9	9	10	1	16	

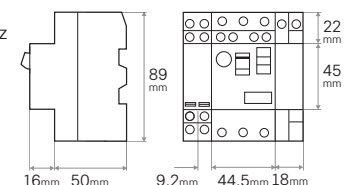
Motor protection circuit breaker

AV2-M - Termomagnético



Characteristics:

- > Rated voltage estipulador de funcionamento (Ue): 690V AC | 50-60Hz
- > Application: motor protection
- > Short-circuit protection
- > Surge protection
- > Motor control (ON /OFF)
- > Number of poles: 3P
- > Installation: DIN 35mm rail
- > IP rating: IP20



REF.	Rated current (A)	Interruption capacity									
		230/240V		400/415V		440V		500V		690V	
		Icu	Ics %(1)	Icu	Ics %(1)	Icu	Ics %(1)	Icu	Ics %(1)	Icu	Ics %(1)
ASV2M05	0,63 -1A	•	•	•	•	•	•	•	•	•	•
ASV2M06	0,1-1,6A	•	•	•	•	•	•	•	•	•	•
ASV2M07	2,5A	•	•	•	•	•	•	•	•	3	75
ASV2M08	4A	•	•	•	•	•	•	•	•	3	75
ASV2M10	6,3A	•	•	•	•	50	100	50	100	3	75
ASV2M14	10A	•	•	•	•	50	100	10	100	3	75
ASV2M16	14A	•	•	15	50	8	50	6	75	3	75
ASV2M20	18A	•	•	15	50	8	50	6	75	3	75
ASV2M21	23A	50	100	15	40	6	50	4	75	3	75
ASV2M22	25A	50	100	15	40	6	50	4	75	3	75
ASV2M23	32A	50	100	10	50	6	50	4	75	3	75

REF.	Thermal regulation	Instantaneous short-circuit (A) trip	Rated current (A)	Rated power in AC-3 mode (kW)	kW	HP	I(A)		
ASV2M05	0,63 - 1A	13,0	1	-	0,25	0,33	0,85	1	50
ASV2M06	1 - 1,6A	22,5	1,6	0,37	0,37	0,50	1,1	1	50
ASV2M07	1,6 - 2,5A	33,5	2,5	0,75	0,75	1,00	1,9	1	50
ASV2M08	2,5 - 4A	51,0	4	1,50	1,10	1,50	2,7	1	50
ASV2M10	4 - 6A	78,0	6,3	2,20	2,20	3,00	4,9	1	50
ASV2M14	6 - 10A	138	9	4,00	3,00	4,00	6,5	1	50
ASV2M16	8 - 13A	170	13	5,50	4,00	5,00	8,5	1	50
ASV2M20	13 - 18A	223	17	7,50	5,50	7,50	11,5	1	50
ASV2M21	17 - 23A	327	21	11,00	7,50	10,00	15,5	1	50
ASV2M22	20 - 25A	327	23	11,00	11,00	15,00	22	1	50
ASV2M23	24 - 32A	416	24	15,00	15,00	20,00	29	1	50

NOTE: Three-phase values in AC-3 mode



Side auxiliary contact for AV2
1 NA + 1 NF

- Characteristics:**
- > Auxiliary contact: 1NA + 1NF
 - > Side application: Left side
 - > Rated insulation class (Ui): 690V AC
 - > Rated operating voltage (Ue): 690V AC
 - > Conventional outdoor thermal current (Ith): 6A

REF.		
ASAV2AN11	10	300



Box for motor protection circuit breaker
AV2-M with protection

- Characteristics:**
- > Surface-mounted box for AV2-M motor protection circuit breaker
 - > Pre-cuts: 2 at the top + 2 at the bottom
 - > Terminal for connecting a protective conductor: 2
 - > Sealable cover
 - > Material: PC
 - > Insulation class: II
 - > Protection class: IP65

REF.		
ASV2MC02	1	30



Motor protection circuit breaker with box
AS611 - Thermomagnetic

- Characteristics:**
- > Rated voltage de entrada: 230V AC / 400V AC
 - > Short-circuit protection
 - > Surge protec
 - > Motor control (ON /OFF)
 - > Number of poles: 3P

REF.	Thermal regulation	kW	HP	I(A)		
AS61104	0,40 - 0,63A	0,18	0,25	0,60	1	30
AS61105	0,63 - 1A	0,25	0,33	0,85	1	30
AS61106	1 - 1,6A	0,37	0,50	1,1	1	30
AS61107	1,6 - 2,5A	0,55	0,75	1,5	1	30
AS61108	2,5 - 4A	1,10	1,50	2,7	1	30
AS61110	4 - 6A	1,50	2,00	3,6	1	30
AS61114	6 - 10A	3,00	4,00	6,5	1	30
AS61120	10 - 16A	4,00	5,00	11,5	1	30
AS61121	16 - 20A	7,50	10,00	15,5	1	30

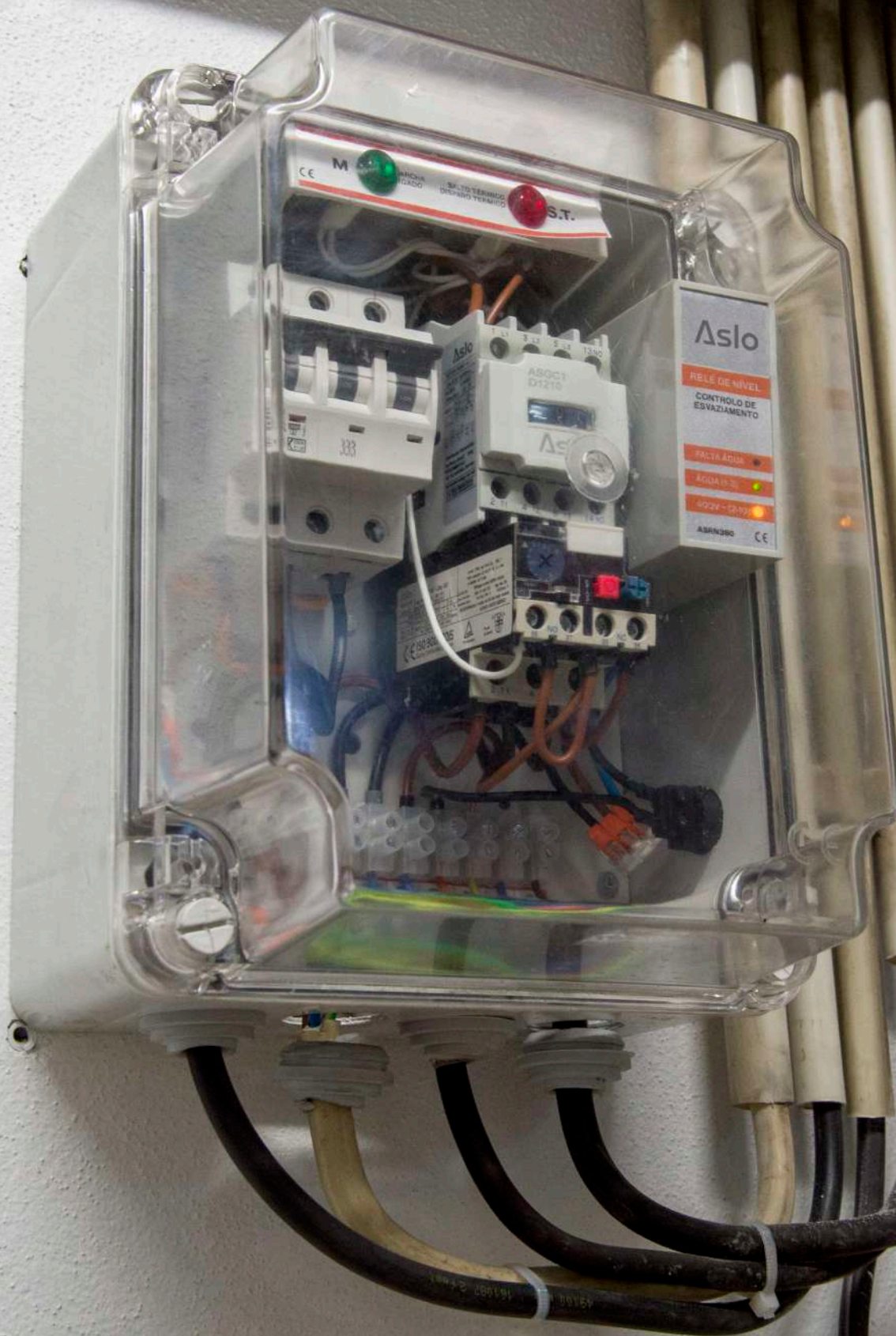
NOTE: The values indicated may vary depending on the manufacturer and the characteristics of the motor. Three-phase values in AC-3 mode

Designed to protect against short circuits and technically small capacity motors and machines used in industrial and domestic environments..



Box for motor protection circuit breaker

Reference	AS611
Designation	Box for surface installation for AS611 motor protection circuit breaker
Insulation class	II
IP rating	IP55
Material	ABS
Accessories for	2 PG16 glands on the bottom 2 PG16 nozzles on top



Water level control box

- Control and protection of submersible electric pumps used to supply water to tanks or reservoirs
- IP rating: IP54
- Insulation class: II



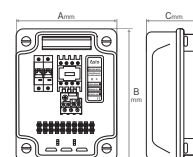
Composition:

- Grey/black ABS plastic housing with hinge and transparent polycarbonate cover
- Contactor and thermal relay
- Level relay to protect against water shortage
- Automatic operation or switch-off, controlled by a 2-position miniswitch

- Short-circuit protection via circuit breaker
- Surge protection via thermal relay
- Water shortage indication (red LED on level relay)
- Motor on indication (green LED)
- Thermal trip indication (red light)
- 4 Cable glands for remote control connection cables for start/stop, via pressure switch, float, etc

Water level control box

Single-phase 230 VAC

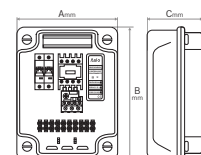


REF.	Thermal control	Dimensions (AxBxC)	
ASQS2300631	0,63 - 1A	250 x 200 x 160 mm	1
ASQS230116	1 - 1,6A	250 x 200 x 160 mm	1
ASQS2301625	1,6 - 2,5A	250 x 200 x 160 mm	1
ASQS230254	2,5 - 4A	250 x 200 x 160 mm	1
ASQS23046	4 - 6A	250 x 200 x 160 mm	1
ASQS230558	5,5 - 8A	250 x 200 x 160 mm	1
ASQS230710	7 - 10A	250 x 200 x 160 mm	1
ASQS230913	9 - 13A	250 x 200 x 160 mm	1
ASQS2301218	12 - 18A	250 x 200 x 160 mm	1



Water level control box

Three-phase 400 VAC



REF.	Thermal control	Dimensions (AxBxC)	
ASQS4000631	0,63 - 1A	250 x 200 x 160 mm	1
ASQS400116	1 - 1,6A	250 x 200 x 160 mm	1
ASQS4001625	1,6 - 2,5A	250 x 200 x 160 mm	1
ASQS400254	2,5 - 4A	250 x 200 x 160 mm	1
ASQS40046	4 - 6A	250 x 200 x 160 mm	1
ASQS400558	5,5 - 8A	250 x 200 x 160 mm	1
ASQS400710	7 - 10A	250 x 200 x 160 mm	1
ASQS400913	9 - 13A	250 x 200 x 160 mm	1
ASQS4001218	12 - 18A	250 x 200 x 160 mm	1

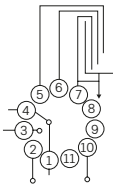


Liquid level control relay



Characteristics:

- > IP rating: IP40
- > Insulation class: II



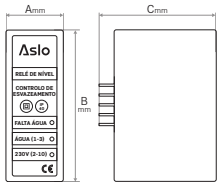
Output relay on (green LED)



Indication of lack of water in the well (red LED)



Plastic box with 11-pin circular plug



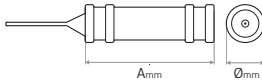
REF.	Rated voltage	Dimensions (AxBxC)		
ASRN220	220 V	35 x 79 x 77 mm	1	100
ASRN380	380 V	35 x 79 x 77mm	1	100

Water level sensor



Characteristics:

- > Material: Polycarbonate
- > Contact electrode: AISI 314 stainless steel
- > PVC-coated multi-strand copper
- > Conductor cross-section: 1,5mm²
- > Type of installation: Submerged



REF.	Colour	Dimensions (ØxA)		
ASSA316		20 x 68 mm	1	-



Swimming pool distribution board



Characteristics:

- › Rated voltage: 230V AC
- › Motor protection circuit breaker
- › 8-module watertight switchboard
- › 1P single-pole circuit breaker
- › F/N isolator circuit breaker 1 Md..
- › Analogue time switch
- › Cable gland pg 13,5mmx3

REF.	Thermal control	
ASQP2301625	1,6 - 2,5A	1
ASQP230254	2,5 - 4A	1
ASQP23046	4 - 6A	1
ASQP230610	6 - 10A	1
ASQP230813	8 - 13A	1

Automatic voltage regulators

- Rated voltage Input: 100-260V AC ○ Rated voltage Output: 220V AC±10%
- Operating temperature: 0°~40°C



○ An automatic voltage regulator (AVR) is an electronic device used to regulate and stabilise the voltage output of an electrical power system. It is typically used in situations where a consistent and stable voltage source is required to protect sensitive equipment or to

ensure the proper functioning of electrical appliances. The AVR monitors the voltage fluctuation in the input power and adjusts the output voltage to keep it within a predetermined range.

Automatic voltage regulator 1000VA



Characteristics:

- › 1 x 1,0A USB type A
- › Rj45x2 socket
- › Protection: Short-circuit and surge
- › Cable: 3G1,5mm²



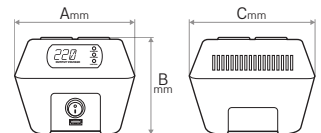
Input/output for tel/fax/
modem line



Schuko socket
2P+Tx4



Digital
display



REF.	Rated value (W)	Dimensions (A x B x C)		
ASRATD1000	1000VA/600W	140 x 120 x 210 mm	1	8

Automatic voltage regulatoro 3000VA / 5000VA



Characteristics:

- › 1x1P thermal-magnetic circuit breaker
- › The action/transfer time is less than 0.5 seconds
- › The waveform is sinusoidal, without distortion
- › The output delay time is between 6sec. /120sec.
- › High output voltage protection is 255V



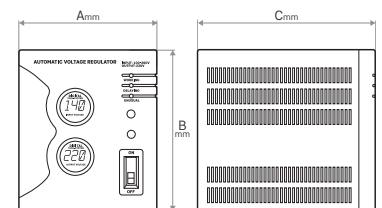
Energy
protected



Schuko socket
2P+Tx2



Digital
display



REF.	Max rated current	Protection	Rated value (W)	Dimensions (A x B x C)		
ASRAT3000	13,6A	16A	3000VA/1800W	220 x 260 x 335 mm	1	1
ASRAT5000	22,7A	25A	5000VA/3000W	220 x 260 x 335 mm	1	1



Industry

Mini contactors



Characteristics:

- › Operating range: starting voltage: **85%~110%)U_c**
- › Operating range: output voltage: **20%~75%)U_c**
- › Rated insulation voltage: **690V**
- › Rated impulse withstand voltage: **6kA**
- › Rated frequency: **50-60Hz**

- › Category: **AC-3, AC-4**
- › IP rating: **IP20**
- › Ambient temperature: **-5°C±40°C**
- › Storage temperature: **-40°±75°C**
- › Maximum operating altitude: **≤2000m**
- › Flame resistance: **V1**

Number of contacts:	3P NC and 3P NC	
Rated conventional thermal current:	20A	
Rated operating current (A):	9A - 380/400V AC3	
Number of pole:	3P and 4P	
Maximum connection current:	380V	90A
	660V	108A
Maximum interrupt current:	380V	72A
	660V	90A
Rated operating current in AC-3 category:	220/230/240V	2.2A
	380/400V	4A
	660/690V	4A

Average impedance per pole (mW)		
Operating cycles:	Electrical AC-3	1200 (times/h)
	Mechanical:	3600 (times/h)
Electrical duration:	AC-3	120x10 ⁴ times
Mechanical duration:	1000x10 ⁴ times	
Tightening torque:	0,8N.m	
Tightening screw terminals:	Solid conductor:	Max. 1x4+1x2,5mm ²
	Flexible conductor without point:	Max. 2x2,5mm ²
	Flexible conductor with point:	Max. 1x1,5+1x2,5mm ²

Mini contactor

9A



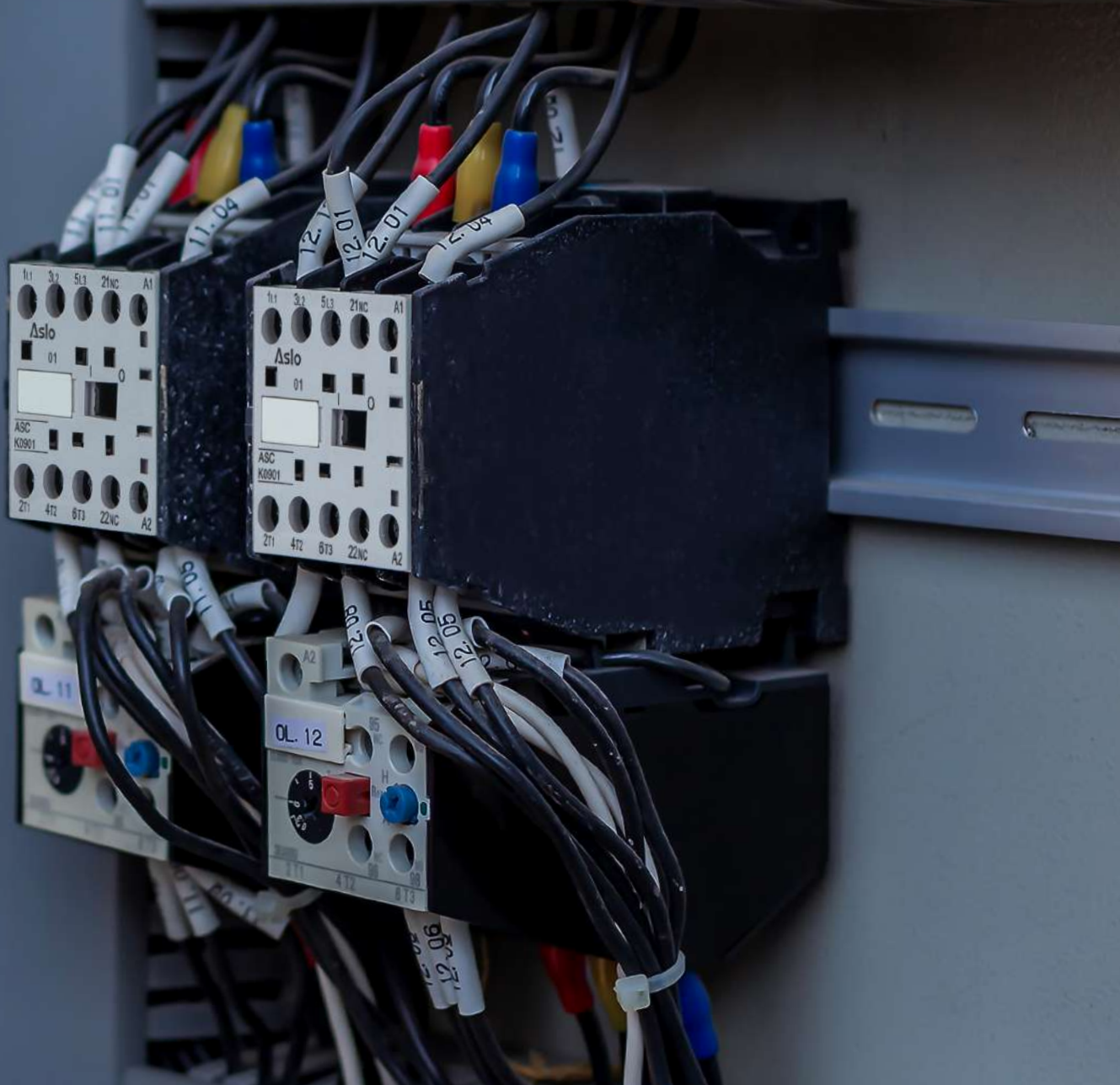
3P | NC



REF.	Coil voltage	Number of poles		Instantaneous auxiliary contacts			
ASCK0901B7	24V	3	-	-	1	1	100
ASCK0901E7	48V	3	-	-	1	1	100
ASCK0901F7	110V	3	-	-	1	1	100
ASCK0901P7	240V	3	-	-	1	1	100
ASCK0901V7	400V	3	-	-	1	1	100

3P | NO

REF.	Coil voltage	Number of poles		Instantaneous auxiliary contacts			
ASCK0910B7	24V	3	-	1	-	1	100
ASCK0910E7	48V	3	-	1	-	1	100
ASCK0910F7	110V	3	-	1	-	1	100
ASCK0910P7	240V	3	-	1	-	1	100
ASCK0910V7	400V	3	-	1	-	1	100



Contadores AC

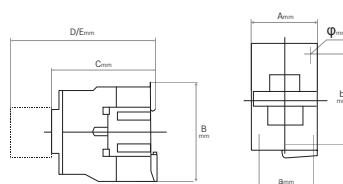
- Unrivalled performance ○ Exceptional durability ○ Long service life even in the most challenging environments
- 9A - 95A ○ Flame resistance: V1 ○ IP rating: IP20



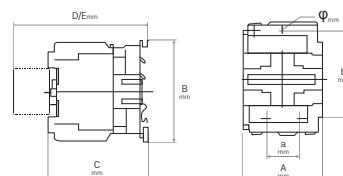
Characteristics:

- › Electric classifications: **up to 95 to 690V**
- › Operating range: **Start-up voltage: (85% ~ 110%) Us**
Output voltage: (20% ~75%) Us
- › Rated insulation voltage U_i : **690 V**
- › Rated impulse withstand voltage U_{imp} : **6kV**
- › Rated frequency: **50/ 60Hz**
- › Maximum operating altitude: **<2000m**
- › Ambient temperature: **-5±40°C, max. 95% humidity**
- › Storage temperature: **-40 ~+75°C**
- › Category: **AC-3 / AC-4**
- › Norma: **IEC60947-4-1**
- › Certifications: **CE, SEMKO, CB**

ASGC09~32



ASGC40~95



3P

Type	A max.	B max.	C max.	D max.	E max.	a	b	φ
ASGC09~12	47	76	82	113	133	34/35	50/60	2-φ4.5
ASGC18	47	76	87	118	138	34/35	50/60	2-φ4.5
ASGC25	57	86	95	126	146	40	48	2-φ4.5
ASGC32	57	86	100	131	151	40	48	2-φ4.5
ASGC40~65	77	129	116	145	165	40	100/110	3-φ6.5
ASGC40~65	87	129	127	156	176	40	100/110	3-φ6.5

4P

Type	A max.	B max.	C max.	D max	E max.	a	b	φ
ASGC12008	47	76	82	113	133	34/35	50/60	2-φ4.5
ASGC25008	57	86	95	126	146	40	48	2-φ4.5
ASGC40008-65008	86	129	116/129	145	165	40	100/110	3-φ6.5
ASGC80008-95008	97	129	127/140	156	176	40	100/110	3-φ6.5

See the coil voltages listed below:

Coil voltage	24	48	110	230	400
50/ 60Hz	B7	E7	F7	P7	V7

Three-pole contactor with AC coil 9A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
		NO	NC						
ASGC0901B7	3P	-	1	4 kW	24V	5,3	9	1	50
ASGC0901E7	3P	-	1	4 kW	48V	5,3	9	1	50
ASGC0901F7	3P	-	1	4 kW	110V	5,3	9	1	50
ASGC0901P7	3P	-	1	4 kW	240V	5,3	9	1	50
ASGC0901V7	3P	-	1	4 kW	400V	5,3	9	1	50
ASGC0910B7	3P	1	-	4 kW	24V	5,3	9	1	50
ASGC0910E7	3P	1	-	4 kW	48V	5,3	9	1	50
ASGC0910F7	3P	1	-	4 kW	110V	5,3	9	1	50
ASGC0910P7	3P	1	-	4 kW	240V	5,3	9	1	50
ASGC0910V7	3P	1	-	4 kW	400V	5,3	9	1	50

Contactor tripolar com bobina AC 12A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
		NO	NC						
ASGC1201B7	3P	-	1	5,5 kW	24V	7,5	12	50	50
ASGC1201E7	3P	-	1	5,5 kW	48V	7,5	12	50	50
ASGC1201F7	3P	-	1	5,5 kW	110V	7,5	12	50	50
ASGC1201P7	3P	-	1	5,5 kW	240V	7,5	12	50	50
ASGC1201V7	3P	-	1	5,5 kW	400V	7,5	12	50	50
ASGC1210B7	3P	1	-	5,5 kW	24V	7,5	12	50	50
ASGC1210E7	3P	1	-	5,5 kW	48V	7,5	12	50	50
ASGC1210F7	3P	1	-	5,5 kW	110V	7,5	12	50	50
ASGC1210P7	3P	1	-	5,5 kW	240V	7,5	12	50	50
ASGC1210V7	3P	1	-	5,5 kW	400V	7,5	12	50	50

Contactor tripolar com bobina AC 18A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
		NO	NC						
ASGC1801B7	3P	-	1	7,5 kW	24V	10	18	1	50
ASGC1801E7	3P	-	1	7,5 kW	48V	10	18	1	50
ASGC1801F7	3P	-	1	7,5 kW	110V	10	18	1	50
ASGC1801P7	3P	-	1	7,5 kW	240V	10	18	1	50
ASGC1801V7	3P	-	1	7,5 kW	400V	10	18	1	50
ASGC1810B7	3P	1	-	7,5 kW	24V	10	18	1	50
ASGC1810E7	3P	1	-	7,5 kW	48V	10	18	1	50
ASGC1810F7	3P	1	-	7,5 kW	110V	10	18	1	50
ASGC1810P7	3P	1	-	7,5 kW	240V	10	18	1	50
ASGC1810V7	3P	1	-	7,5 kW	400V	10	18	1	50

3-pole AC contactors

Three-pole contactor with AC coil 25A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
		NO	NC						
ASGC2501B7	3P	-	1	11 kW	24V	15	25	1	50
ASGC2501E7	3P	-	1	11 kW	48V	15	25	1	50
ASGC2501F7	3P	-	1	11 kW	110V	15	25	1	50
ASGC2501P7	3P	-	1	11 kW	240V	15	25	1	50
ASGC2501V7	3P	-	1	11 kW	400V	15	25	1	50
ASGC2510B7	3P	1	-	11 kW	24V	15	25	1	50
ASGC2510E7	3P	1	-	11 kW	48V	15	25	1	50
ASGC2510F7	3P	1	-	11 kW	110V	15	25	1	50
ASGC2510P7	3P	1	-	11 kW	240V	15	25	1	50
ASGC2510V7	3P	1	-	11 kW	400V	15	25	1	50

Contactor tripolar com bobina AC 32A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
		NO	NC						
ASGC3201B7	3P	-	1	15 kW	24V	20	32	1	50
ASGC3201E7	3P	-	1	15 kW	48V	20	32	1	50
ASGC3201F7	3P	-	1	15 kW	110V	20	32	1	50
ASGC3201P7	3P	-	1	15 kW	240V	20	32	1	50
ASGC3201V7	3P	-	1	15 kW	400V	20	32	1	50
ASGC3210B7	3P	1	-	15 kW	24V	20	32	1	50
ASGC3210E7	3P	1	-	15 kW	48V	20	32	1	50
ASGC3210F7	3P	1	-	15 kW	110V	20	32	1	50
ASGC3210P7	3P	1	-	15 kW	240V	20	32	1	50
ASGC3210V7	3P	1	-	15 kW	400V	20	32	1	50

Three-pole contactor with AC coil 40A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
		NO	NC						
ASGC4011B7	3P	1	1	18,5 kW	24V	24,7	40	1	20
ASGC4011E7	3P	1	1	18,5 kW	48V	24,7	40	1	20
ASGC4011F7	3P	1	1	18,5 kW	110V	24,7	40	1	20
ASGC4011P7	3P	1	1	18,5 kW	240V	24,7	40	1	20
ASGC4011V7	3P	1	1	18,5 kW	400V	24,7	40	1	20

Three-pole contactor with AC coil 50A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
		NO	NC						
ASGC5011B7	3P	1	1	22 kW	24V	30	50	1	20
ASGC5011E7	3P	1	1	22 kW	48V	30	50	1	20
ASGC5011F7	3P	1	1	22 kW	110V	30	50	1	20
ASGC5011P7	3P	1	1	22 kW	240V	30	50	1	20
ASGC5011V7	3P	1	1	22 kW	400V	30	50	1	20

Three-pole contactor with AC coil 65A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
		NO	NC						
ASGC6511B7	3P	1	1	30 kW	24V	40	65	1	20
ASGC6511E7	3P	1	1	30 kW	48V	40	65	1	20
ASGC6511F7	3P	1	1	30 kW	110V	40	65	1	20
ASGC6511P7	3P	1	1	30 kW	240V	40	65	1	20
ASGC6511V7	3P	1	1	30 kW	400V	40	65	1	20

Three-pole contactor with AC coil 80A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
		NO	NC						
ASGC8011B7	3P	1	1	37 kW	24V	50	80	1	16
ASGC8011E7	3P	1	1	37 kW	48V	50	80	1	16
ASGC8011P7	3P	1	1	37 kW	110V	50	80	1	16
ASGC8011V7	3P	1	1	37 kW	240V	50	80	1	16

Three-pole contactor with AC coil 95A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
		NO	NC						
ASGC9511B7	3P	1	1	45 kW	24V	60	95	1	16
ASGC9511E7	3P	1	1	45 kW	48V	60	95	1	16
ASGC9511F7	3P	1	1	45 kW	110V	60	95	1	16
ASGC9511P7	3P	1	1	45 kW	240V	60	95	1	16
ASGC9511V7	3P	1	1	45 kW	400V	60	95	1	16

4-pole AC contactors

Four-pole contactor with AC coil 12A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
		NO	NC						
ASGC12004B7	4P	-	-	5,5 kW	24V	7,5	12	1	50
ASGC12004E7	4P	-	-	5,5 kW	48V	7,5	12	1	50
ASGC12004P7	4P	-	-	5,5 kW	240V	7,5	12	1	50
ASGC12008B7	2P + 2P	-	-	5,5 kW	24V	7,5	12	1	50
ASGC12008E7	2P + 2P	-	-	5,5 kW	48V	7,5	12	1	50
ASGC12008P7	2P + 2P	-	-	5,5 kW	240V	7,5	12	1	50
ASGC12008V7	2P + 2P	-	-	5,5 kW	400V	7,5	12	1	50

Four-pole contactor with AC coil 25A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
ASGC25004B7	4P	-	-	11 kW	24V	15	25	1	50
ASGC25004E7	4P	-	-	11 kW	48V	15	25	1	50
ASGC25004P7	4P	-	-	11 kW	240V	15	25	1	50
ASGC25004V7	4P	-	-	11 kW	400V	15	25	1	50
ASGC25008B7	2P + 2P	-	-	11 kW	24V	15	25	1	50
ASGC25008E7	2P + 2P	-	-	11 kW	48V	15	25	1	50
ASGC25008P7	2P + 2P	-	-	11 kW	240V	15	25	1	50
ASGC25008V7	2P + 2P	-	-	11 kW	400V	15	25	1	50

Four-pole contactor with AC coil 40A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
ASGC40004P7	4P	-	-	18,5 kW	240V	25	40	1	16
ASGC40008B7	2P + 2P	-	-	18,5 kW	24V	25	40	1	16
ASGC40008P7	2P + 2P	-	-	18,5 kW	240V	25	40	1	16

Four-pole contactor with AC coil 50A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
ASGC50004P7	4P	-	-	22 kW	240V	30	50	1	16
ASGC50008P7	2P + 2P	-	-	22 kW	240V	30	50	1	16

Four-pole contactor with AC coil 65A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
ASGC65004P7	4P	-	-	30 kW	240V	40	65	1	16
ASGC65008P7	2P + 2P	-	-	30 kW	240V	40	65	1	16
ASGC65008V7	2P + 2P	-	-	30 kW	400V	40	65	1	16

Four-pole contactor with AC coil 80A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Coil voltage	HP	I(A)		
ASGC80008E7	2P + 2P	-	-	37 kW	48V	50	80	1	16
ASGC80008P7	2P + 2P	-	-	37 kW	240V	50	80	1	16
ASGC80008V7	2P + 2P	-	-	37 kW	400V	50	80	1	16

Contact blocks

- Rated operating voltage (Ue): 500V AC
- Rated insulation voltage (Ui): 600V AC
- Conventional outdoor thermal current (Ith): 10A



ASGAIDN series auxiliary contact blocks are installed on the top of ASGC series contactors to increase auxiliary contact point pairs.

- › High electrical and mechanical durability, high contact reliability

- › Protection against voltage surges between circuits
- › Yesple and secure fixing: quick installation
- › Safe insulation between coil and contacts



Contact block



REF.	Contacts		Installation		
	NO	NC			
ASGA1DN02	-	2	Front	1	200
ASGA1DN11	1	1	Front	1	200
ASGA1DN20	2	-	Front	1	200



Contact block



REF.	Contacts		Installation		
	NO	NC			
ASGA1DN31	3	1	Front	1	200
ASGA1DN40	4	0	Front	1	200
ASGA1DN04	0	4	Front	1	200
ASGA1DN13	1	3	Front	1	200
ASGA1DN22	2	2	Front	1	200

Timers

ASGA2R and ASGA2T delay timers are combined with ASGC contacts and auxiliary contact blocks ASGAIDN auxiliary contact blocks

in star-delta starters to reduce the voltage and current of the motor start.



Off-delay timer



Characteristics:

- > Stipulated rated operating voltage (Ue): 500V AC
- > Stipulated insulation voltage (Ui): 690V AC
- > Conventional outdoor thermal current (Ith): 10A

REF.	Contacts		Off delay		
	NO	NC			
ASGA2R0	1	1	0,1 - 3s	1	100
ASGA2R2	1	1	0,1 - 30s	1	100
ASGA2R4	1	1	10 - 180s	1	100



On-delay timer



Characteristics:

- > Stipulated rated operating voltage (Ue): 500V AC
- > Stipulated insulation voltage (Ui): 690V AC
- > Conventional outdoor thermal current (Ith): 10A

REF.	Contacts		Off delay		
	NO	NC			
ASGA2T0	1	1	0,1 - 3s	1	100
ASGA2T2	1	1	0,1 - 30s	1	100
ASGA2T4	1	1	10 - 180s	1	100



Coil for contactors ASGC series (09-95)



Characteristics:

- > Frequency: 50-60Hz

D2: 9/ 12/ 18A

REF.	Coil		
ASGB2B7	24 V	1	100
ASGB2E7	48 V	1	100
ASGB2F7	110 V	1	100
ASGB2P7	230 V	1	100
ASGB2V7	400 V	1	100

D4: 25/ 32A

REF.	Coil		
ASGB4B7	24 V	1	100
ASGB4E7	48 V	1	100
ASGB4F7	110 V	1	100
ASGB4P7	230 V	1	100
ASGB4V7	400 V	1	100

D4: 40/ 50/ 65/ 85/ 95A

REF.	Coil		
ASGB6B7	24 V	1	100
ASGB6E7	48 V	1	100
ASGB6F7	110 V	1	100
ASGB6P7	230 V	1	100
ASGB6V7	400 V	1	100

Thermal relays

○ Stipulated insulation voltage (Ui): 690/1000V ○ IP rating: IP20



ASLO thermal relays are designed to protect electric motors against short circuits and surges.

They can be used in a wide range of industrial and commercial applications, from motors to pump and compressor systems.

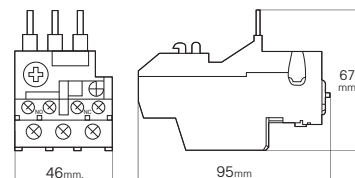
When used in conjunction with ASGC series contactors, they ensure that the equipment operates safely and efficiently.

With rated current and surge adjustment options to meet a wide range of needs, ASLO's thermal relays are the ideal choice for anyone looking for safe and reliable protection for their electrical equipment.

Characteristics:

- > Type of product: **Differential Thermal Overload Relay**
- > Type of application: **motor protection**
- > Trigger class: **10A**
- > Rated impulse withstand voltage Uimp: **6 / 8kV**
- > Type of control: **Red stop button / Blue reset button**
- > Tightening torque: **0,8N.m.**
- > Maximum operating altitude: **2000m**
- > Ambient temperature: **-5 a +40°C, max. 95% humidity**
- > Storage temperature: **-40 ~+75°C**
- > Mounting: **Directly under the contactor**
- > Flame resistance: **V1 (in accordance with UL94)**
- > Standard: **IEC60947-4-1**
- > Certifications: **CE, CB, TUV**

Thermal relay



REF.	Thermal regulation I(A)	Rated current (A)	kW	HP	Equivalent to fuses			
					AM	GL		
ASGR1304	0,4 - 0,63A	0,63A	0,18	0,25	1	2	1	100
ASGR1305	0,63 - 1A	1,0A	0,25	0,33	2	4	1	100
ASGR1306	1 - 1,6A	1,6A	0,37	0,5	2	4	1	100
ASGR1307	1,6 - 2,5A	2,5A	0,75	1	4	6	1	100
ASGR1308	2,5 - 4A	4,0A	1,5	2	6	10	1	100
ASGR1310	4 - 6A	6,0A	2,2	3	8	16	1	100
ASGR1312	5,5 - 8A	8,0A	3	4	12	20	1	100
ASGR1314	7 - 10A	10A	4	5,3	12	20	1	100
ASGR1316	9 - 13A	13A	5,5	7,5	16	25	1	100
ASGR1321	12 - 18A	18A	7,5	10	20	35	1	100
ASGR1322	17 - 25A	25A	11	15	25	50	1	100
ASGR2353	23 - 32A	32A	15	20	40	63	1	100
ASGR2355	30 - 40A	40A	18,5	25	40	80	1	100

AC contactor schematic diagram



REF.
ASGC09
ASGC12
ASGC18

REF.
ASGA1DN02
ASGA1DN11
ASGA1DN20



REF.
ASGA1DN31
ASGA1DN40
ASGA1DN04
ASGA1DN13
ASGA1DN22



REF.
ASGC25
ASGC32

REF.
ASGA2R0
ASGA2R2
ASGA2R4



REF.
ASGC40
ASGC50
ASGC65

REF.
ASGA2T0
ASGA2T2
ASGA2T4



REF.
ASGC80
ASGC95

AC contactor derivatives



REF.
ASGC40
ASGC50
ASGC65



REF.
ASGA2R0
ASGA2R2
ASGA2R4



REF.
ASGC25
ASGC32



REF.
ASGA1DN31
ASGA1DN40
ASGA1DN04
ASGA1DN13
ASGA1DN22



REF.
ASGC25
ASGC32



REF.
ASGR1304
ASGR1305
ASGR1306
ASGR1307
ASGR1308
ASGR1310
ASGR1312

ASGR1304
ASGR1305
ASGR1306
ASGR1307
ASGR1308
ASGR1310
ASGR1312



3-pole AC contactors

○ 150A - 330A

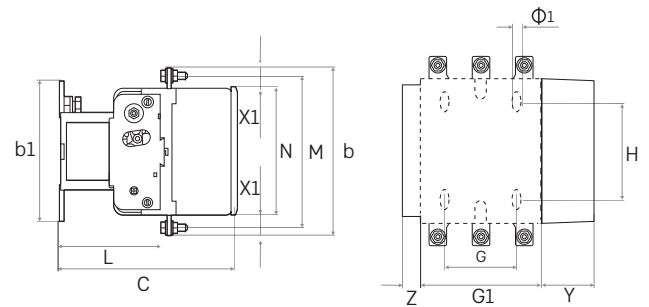


Characteristics:

- › Electric classification **up to 330A - 1000V**
- › Operating range: Starting voltage: **(85% - 110%) U_c**
Output voltage: **(20% - 75%) U_c**
- › Rated insulation voltage U_i: **1000V**
- › Rated impulse withstand voltage U_{imp}: **8kV**
- › Rated frequency: **50/60 Hz**
- › Maximum operating altitude: **<2000m**
- › Ambient temperature (°C): **-5 a +40, max. 95% humidity**
- › Storage temperature (°C): **-40 ~+75**
- › Flame resistance: **V1**
- › IP rating: **IP20**
- › Category: **AC-3, AC-4**
- › Standard: **IEC60947-4-1**
- › Certifications: **CE**

General dimensions and assembly:

ASGR1304~12



REF.	b	b1	C	G	G1	H	L	M	N	Y	X1	Z	Φ1
ASGC150P7	170mm	137mm	171mm	80mm	106mm	120-106mm	107mm	150mm	124mm	44mm	10~15mm	13,5mm	6,5mm
ASGC150V7	170mm	137mm	171mm	80mm	106mm	120-106mm	107mm	150mm	124mm	44mm	10~15mm	13,5mm	6,5mm
ASGC185P7	174mm	137mm	181mm	80mm	111mm	120-106mm	113,5mm	154mm	127mm	44mm	10~15mm	13,5mm	6,5mm
ASGC185V7	174mm	137mm	181mm	80mm	111mm	120-106mm	113,5mm	154mm	127mm	44mm	10~15mm	13,5mm	6,5mm
ASGC1854P7	174mm	137mm	181mm	80mm	111mm	120-106mm	113,5mm	154mm	127mm	44mm	10~15mm	13,5mm	6,5mm
ASGC1854V7	174mm	137mm	181mm	80mm	111mm	120-106mm	113,5mm	154mm	127mm	44mm	10~15mm	13,5mm	6,5mm
ASGC225P7	197mm	137mm	181mm	80mm	111mm	120-106mm	113,5mm	172mm	127mm	44mm	10~15mm	13,5mm	6,5mm
ASGC225V7	197mm	137mm	181mm	80mm	111mm	120-106mm	113,5mm	172mm	127mm	44mm	10~15mm	13,5mm	6,5mm
ASGC330P7	206mm	145mm	219mm	96mm	154,5mm	120-106mm	145mm	181mm	158mm	38mm	10~15mm	20,5mm	6,5mm
ASGC330V7	206mm	145mm	219mm	96mm	154,5mm	120-106mm	145mm	181mm	158mm	38mm	10~15mm	20,5mm	6,5mm

Contactor with AC coil 150A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Rated Voltage	HP	
ASGC150P7	3P	NO	NC	75 kW	230V	100	1
ASGC150V7	3P	-	-	75 kW	400V	100	1

Contactor with AC coil 185A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Rated Voltage	HP	
		NO	NC				
ASGC185P7	3P	-	-	90 kW	230V	125	1
ASGC185V7	3P	-	-	90 kW	400V	125	1

Contactor with AC coil 185A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Rated Voltage	HP	
		NO	NC				
ASGC1854P7	4P	-	-	90 kW	230V	125	1
ASGC1854V7	4P	-	-	90 kW	400V	125	1

Contactor with AC coil 225A



REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Rated Voltage	HP	
		NO	NC				
ASGC225P7	3P	-	-	110 kW	230V	150	1
ASGC225V7	3P	-	-	100 kW	400V	150	1

Contactor with AC coil 330A

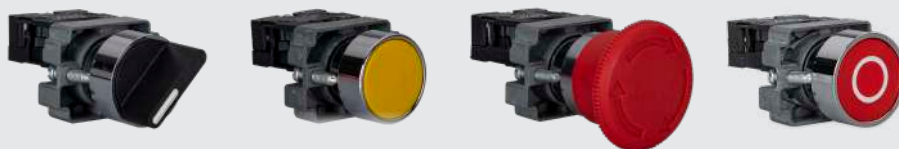


REF.	Number Poles	Auxiliary contacts		Rated power (Categ. AC-3)	Rated Voltage	HP	
		NO	NC				
ASGC330P7	3P	-	-	132 kW	230V	176	1
ASGC330V7	3P	-	-	132 kW	400V	176	1



Buttons, selectors and signalling devices

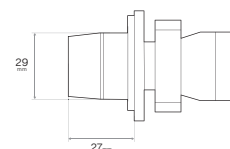
- Mechanical compression power at closing: 20N ○ Mechanical compression power on opening: 8N
- Torque value: 0.15Nm ○ Mounting diameter: 22mm



Characteristics:

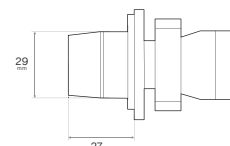
- > Rated insulation voltage (Ui): **400V**
- > rated frequency (Hz): **50-60Hz**
- > Rated impulse withstand voltage: **6000V**
- > Rated current: **6A (230V AC), 0,3A/230V DC)**
- > Protection against short-circuits: **10A cartridge fuse type GG**
- > Mechanical resistance to wear: **1x106 switching cycles**
- > Operating temperature: **-20°-+65°**
- > Humidity: **35-85% RH**
- > Conductor cross-section: **1x0.5, 1x0.75, 1x1, 1x1.5 e 1x2.5mm²**
- > On a flat metal or thick plastic surface: **max.4mm**

Short handle selector switch



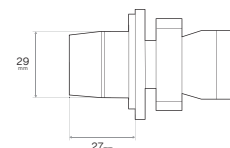
REF.	Type of operator	Positions	Contacts		
ASB2BD21	Static		2	1NO	20 200
ASB2BD51	Spring-loaded return		2	1NO	20 200
ASB2BD33	Static		3	2NO	20 200
ASB2BD53	Spring-loaded return		3	2NO	20 200

Long handle selector switch



REF.	Type of operator	Positions	Contacts		
ASB2BJ21	Static		2	1NO	20 200
ASB2BJ51	With return		2	1NO	20 200
ASB2BJ31	Static		3	2NO	20 200
ASB2BJ53	With return		3	2NO	20 200

Illuminated rotary selector switch



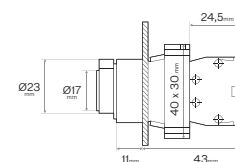
REF.	Colour	Type of operator	Positions	Contacts		
ASB2BK3365		Static		3	1NO + 1NC	20 200
ASB2BK3465		Static		3	1NO + 1NC	20 200
ASB2BK3565		Static		3	1NO + 1NC	20 200
ASB2BK3666		Static		3	1NO + 1NC	20 200
ASB2BK3765		Static		3	1NO + 1NC	20 200

Key selector switch



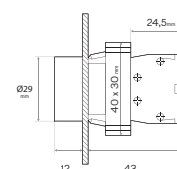
Characteristics:

› Inserting and removing the key in the centre position



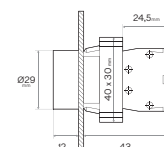
REF.	Type of operator	Positions	Contacts		
ASB2BG21	Static	2	1NO	20	200
ASB2BG33	Static	3	2NO	20	200

Push button



REF.	Colour	Type of operator	Contacts		
ASB2BA51		Spring-loaded return	1NO	20	200
ASB2BA61		Spring-loaded return	1NO	20	200
ASB2BA21		Spring-loaded return	1NO	20	200
ASB2BA31		Spring-loaded return	1NO	20	200
ASB2BA41		Spring-loaded return	1NO	20	200

Push button with protection



REF.	Colour	Type of operator	Contacts		
ASB2BP51		Spring-loaded return	1NO	20	200
ASB2BP61		Spring-loaded return	1NO	20	200
ASB2BP21		Spring-loaded return	1NO	20	200
ASB2BP31		Spring-loaded return	1NO	20	200
ASB2BP41		Spring-loaded return	1NO	20	200

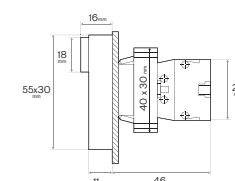
Recessed double-headed push button



Characteristics:

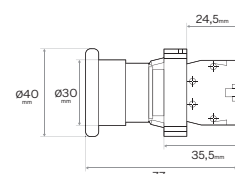
› Actioning: 1 flush button + 1 protruding button

› Actioning description: 'I' green / "O" red



REF.	Type of operator	Symbols	Contacts		
ASB2BL8325	Spring-loaded return	No	1NO + 1NC	20	200
ASB2BL8425	Spring-loaded return	Yes	1NO + 1NC	20	200

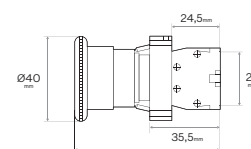
Mushroom push button no interlocking



REF.	Colour	Ø	Type of operator	Contacts		
ASB2BC21		40mm	Spring-loaded return	1NO	20	200
ASB2BC41		40mm	Spring-loaded return	1NO	20	200



Mushroom head emergency button with interlocking



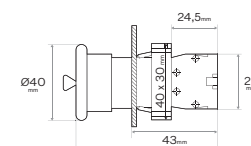
REF.	Ø	Type of operator	Contacts		
ASB2BS542	40mm	Retorno por rotação	1NO	20	200



Mushroom head emergency button with key interlocking

Characteristics:

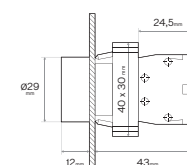
- > Type of interlocking: Key 455
- > Key removal position: centre



REF.	Ø	Type of operator	Contacts		
ASB2BS142	40mm	Bloqueio mecânico	1NO	20	200



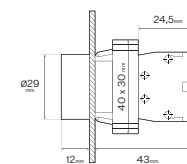
Marked head push button



REF.	Colour	Ø	Type of operator	Contacts		
ASB2BA3311	●	40mm	Spring-loaded return	1NO	20	200



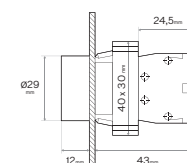
Marked head push button



REF.	Colour	Ø	Type of operator	Contacts		
ASB2BA3341	⊖	40mm	Spring-loaded return	1NO	20	200



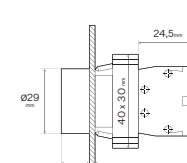
Marked head push button



REF.	Colour	Ø	Type of operator	Contacts		
ASB2BA3351	●	40mm	Spring-loaded return	1NO	20	200



Marked head push button

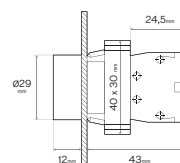


REF.	Colour	Ø	Type of operator	Contacts		
ASB2BA4325	●	40mm	Spring-loaded return	1NO	20	200

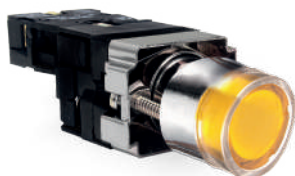
Buttons, selectors and indicators - Model ASB2



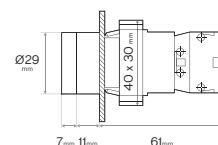
Marked head push button



REF.	Colour	Ø	Type of operator	Contacts		
ASB2BA4342	●	40mm	Spring-loaded return	1NO	20	200



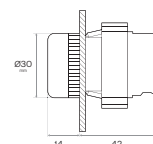
Illuminated push button



REF.	Colour	Type of operator	Contacts		
ASB2BW3571	●	Spring-loaded return	1NO	10	200
ASB2BW3371	●	Spring-loaded return	1NO	20	200
ASB2BW3671	●	Spring-loaded return	1NO	10	200
ASB2BW3471	●	Spring-loaded return	1NO	20	200



Pilot light

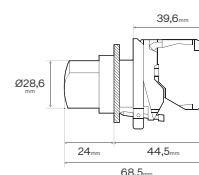


REF.	Colour	Rated voltage		
ASB2BV31	●	230V	20	200
ASB2BV41	●	230V	20	200
ASB2BV51	●	230V	20	200
ASB2BV61	●	230V	20	200

Buttons, selectors and indicators - Model ASB4



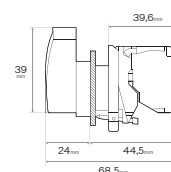
Short handle selector switch



REF.	Type of operator	Positions	Contacts		
ASB4BD21	Static		1NO	20	200
ASB4BD33	Static		2NO	20	200
ASB4BD53	Spring-loaded return		2NO	20	200

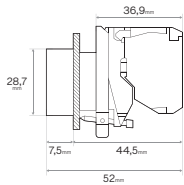


Long handle selector switch



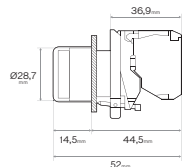
REF.	Type of operator	Positions	Contacts		
ASB4BJ21	Static		1NO	20	200
ASB4BJ33	Static		2NO	20	200
ASB4BJ53	Spring-loaded return		2NO	20	200

Push button



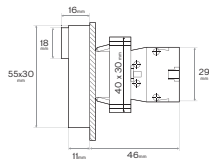
REF.	Colour	Type of operator	Contacts		
ASB4BA42	●	Spring-loaded return	1NO	20	200
ASB4BA61	●	Spring-loaded return	1NO	20	200

Push button with protection



REF.	Colour	Type of operator	Contacts		
ASB4BP31	●	Spring-loaded return	1NO	20	200
ASB4BP42	●	Spring-loaded return	1NO	20	200
ASB4BP51	●	Spring-loaded return	1NO	20	200

Recessed double-headed push button

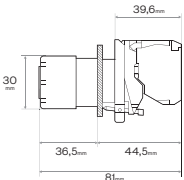


Characteristics:

- › Actioning: 1 flush button + 1 protruding button
- › Actioning description: 'I' green / "O" red

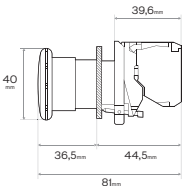
REF.	Type of operator	Symbols	Contacts		
ASB4BL8325	Spring-loaded return	Não	1NO + 1NC	20	200
ASB4BL8425	Spring-loaded return	Yes	1NO + 1NC	20	200

Mushroom head emergency button with interlocking



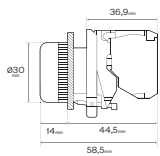
REF.	Ø	Type of operator	Contacts		
ASB4BS442	30mm	Retorno por rotação	1NO	20	200

Mushroom head emergency button with interlocking



REF.	Ø	Type of operator	Contacts		
ASB4BS542	40mm	Retorno por rotação	1NO	20	200

Pilot light

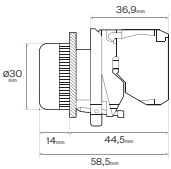


REF.	Colour	Rated voltage		
ASB4BV63	●	230V	20	200
ASB4BV64	●	230V	20	200
ASB4BV65	●	230V	20	200

Buttons, selectors and indicators - Model ASB4



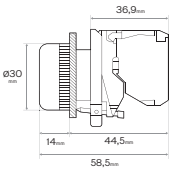
Marked head push button



REF.	Colour	Type of operator	Contacts		
ASB4BA3311	●	Spring-loaded return	1NO	20	200



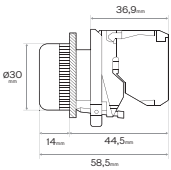
Marked head push button



REF.	Colour	Type of operator	Contacts		
ASB4BA3341	⊖	Spring-loaded return	1NO	20	200



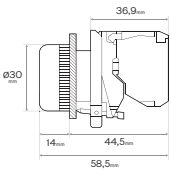
Marked head push button



REF.	Colour	Type of operator	Contacts		
ASB4BA3351	●	Spring-loaded return	1NO	20	200



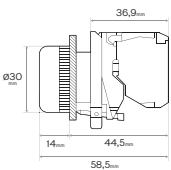
Marked head push button



REF.	Colour	Type of operator	Contacts		
ASB4BA4322	●	Spring-loaded return	1NO	20	200

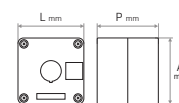


Marked head push button



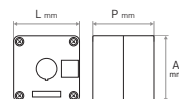
REF.	Colour	Type of operator	Contacts		
ASB4BA4342	●	Spring-loaded return	1NO	20	200

Push button enclosure 22mm



REF.	Colour	No. of holes	ø Hole	Dimensions (LxPxA)		
AS3SPB1AM	Yellow	1	22mm	70 x 75 x 65 mm	1	100
AS3SPB2AM	Yellow	2	22mm	70 x 110 x 65 mm	1	100

Push button enclosure 22mm



REF.	Colour	No. of holes	ø Hole	Dimensions (LxPxA)		
AS3SPB1	White	1	22mm	70 x 75 x 65 mm	1	100
AS3SPB2	White	2	22mm	70 x 110 x 65 mm	1	100
AS3SPB3	White	3	22mm	70 x 150 x 65 mm	1	100
AS3SPB4	White	4	22mm	70 x 180 x 65mm	1	100
AS3SPB5	White	5	22mm	70 x 255 x 65mm	1	100
AS3SPB6	White	6	22mm	70 x 280 x 65mm	1	100

Accessories for buttons and keys - Model ASB2



Reference	ASB2BE101	ASB2BE102
Designation	Open contact	Open contact
Conventional outdoor thermal current (Ith)	10A	10A
Stipulated insulation voltage (Ui)	600V	600V
Rated impulse withstand voltage (Uimp)	6 kV	6 kV
Category	AC-15	AC-15
Rated operating current (Ie)	240V - 3A	240V - 3A

Accessories for buttons and keys - Model ASB4



Reference	ASB4BZ101	ASB4BZ102
Designation	Body with open contact NO	Body with closed contact NC
Conventional outdoor thermal current (Ith)	10A	10A
Stipulated insulation voltage (Ui)	600V	600V
Rated impulse withstand voltage (Uimp)	6 kV	6 kV
Category	AC-15	AC-15
Rated operating current (Ie)	240V - 3A	240V - 3A



Pendant control station

- Single speed lift motor control ○ Complete, ready to use
- IP rating: IP65 ○ IK rating: IK08



Pendant control stations are used to control machines and industrial processes, from overhead travelling cranes to winches and lifting and transport equipment. This type of equipment has been developed to be easy to use and operate, giving the operator maximum freedom of movement.

With various ASLO models, you can opt for Yespler pushbuttons, with up, down, right and left direction of travel, or for more advanced models with a self-extinguishing thermoplastic casing and double insulation, with IP65 rating, fully protected against dust and water jets, with forward and reverse direction, as well as the option of an emergency button.

Characteristics

- › Rated voltage: **max. 500V ~2A**
- › Rated voltage: **min. 250V ~2A**
- › Protection against short-circuit: **10A**
- › Conventional thermal insulation current: **10A**
- › Rated impulse withstand voltage: **6kV**
- › Type of control station: **Double isolation**
- › Type of electric circuit: **Control circuit**
- › Operating temperature: **-25° ~+70°**
- › Mounting: **Overlay box**
- › Surge category: **II**
- › IP rating: **IP65**
- › IK rating: **IK08**

Pendant control station

2 x Buttons (NA)

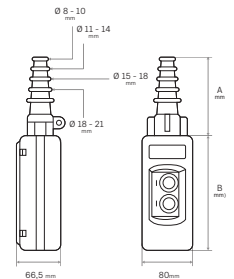
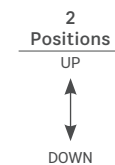


Characteristics:

- › Buttons: 2 (NA)
- › Mechanical interlocking: Yes

Type of control button:

- › First button 1NA - slow raise
- › Second button 1NA - slow descend



REF.	Ui	Ith	Dimensions (A x B)		
ASAACA271	500V	10A	123 x 186 mm	1	25

Pendant control station

2 x Buttons (NA) + 1 x mushroom (NF)

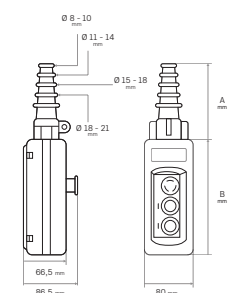
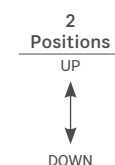


Characteristics:

- › Buttons: 2 (NA) + 1 (NF) (emergency stop)
- › Mechanical interlocking: Yes

Type of control button:

- › First button 1NF de Ø30mm - emergency stop
- › Second button 1NA - slow raise
- › Third button 1NA - slow descend



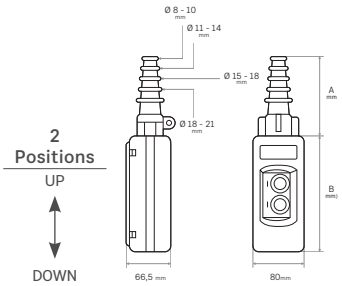
REF.	Ui	Ith	Dimensions (A x B)		
ASAACA2713	500V	10A	123 x 186 mm	1	25

Pendant control stations

Pendant control station
2 x Buttons (NA + NF)



- Characteristics:**
- > Buttons: 2 (NA + NF)
 - > Mechanical interlocking: Yes
- Type of control button:**
- > First button 1NF + 1NA - slow raise
 - > Second button 1NF + 1NA - slow descend

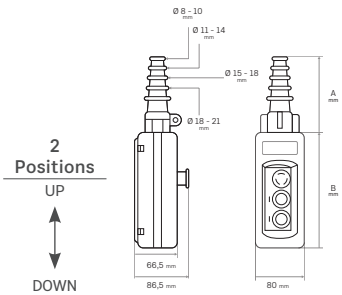


REF.	Ui	Ith	Dimensions (A x B)		
ASAACA281	500V	10A	123 x 186 mm	1	25

Pendant control station
2 x Buttons (NA + NF) + 1 x mushroom (NF)



- Characteristics:**
- > Buttons: 2 (NA + NF) + 1 (NF) (emergency stop)
 - > Mechanical interlocking: Yes
- Type of control button:**
- > First button 1NF de Ø30mm - emergency stop
 - > Second button 1NF + 1NA - slow raise
 - > Third button 1NF + 1NA - slow descend

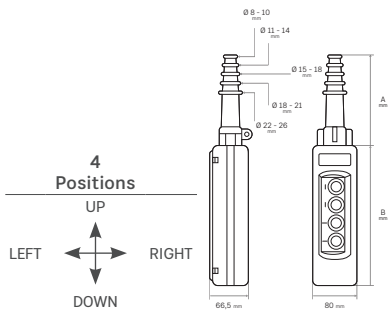


REF.	Ui	Ith	Dimensions (A x B)		
ASAACA2813	500V	10A	123 x 186 mm	1	25

Pendant control station
4 x Buttons (NA)



- Characteristics:**
- > Buttons: 4 (NA)
 - > Mechanical interlocking: Yes (between pairs)
- Type of control button:**
- > First button 1NA - slow raise
 - > Second button 1NA - slow descend
 - > Third button 1NA - slow right
 - > Fourth button 1NA - slow left



REF.	Ui	Ith	Dimensions (A x B)		
ASAACA471	500V	10A	169 x 246 mm	1	20

Pendant control station

4 x Buttons (NA) + 1 x mushroom (NF)

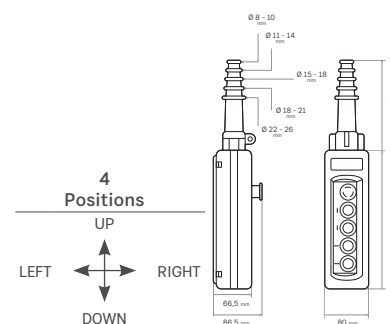


Characteristics:

- > Buttons: 4 (NA) + 1 (NF) (emergency stop)
- > Mechanical interlocking: Yes (between pairs)

Type of control button:

- > First button 1NF de Ø40mm - emergency stop
- > Second button 1NA - slow raise
- > Third button 1NA - slow descend
- > Fourth button 1NA - slow right
- > Fifth button 1NA - slow left



REF.	Ui	Ith	Dimensions (A x B)		
ASAACA4713	500V	10A	169 x 246 mm	1	20

Pendant control station

4 x Buttons (NA + NF)

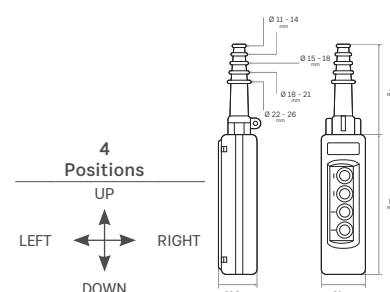


Characteristics:

- > Buttons: 4 (NA + NF)
- > Mechanical interlocking: Yes (between pairs)

Type of control button:

- > First button 1NA + NF - slow raise
- > Second button 1NA + NF - slow descend
- > Third button 1NA + NF - slow right
- > Fourth button 1NA + NF - slow left



REF.	Ui	Ith	Dimensions		
ASAACA481	500V	10A	169 x 246 mm	1	20

Pendant control station

4 x Buttons (NA + NF) + 1 mushroom (NF)

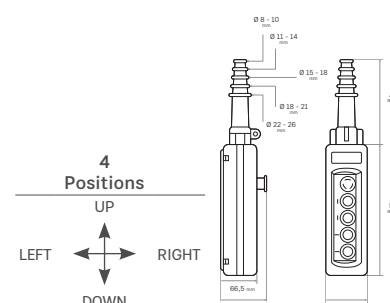


Characteristics:

- > Buttons: 4 (NA + NF) (emergency stop)
- > Mechanical interlocking: Yes (between pairs)

Type of control button:

- > First button 1NF de Ø40mm - emergency stop
- > Second button 1NA - slow raise
- > Third button 1NA - slow descend
- > Fourth button 1NA - slow right
- > Fifth button 1NA - slow left



REF.	Ui	Ith	Dimensions		
ASAACA4813	500V	10A	169 x 246 mm	1	20

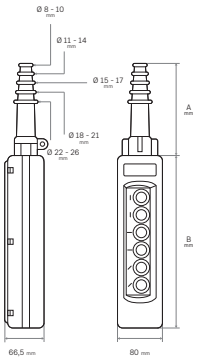
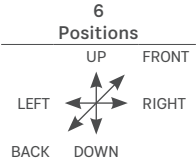
Pendant control stations

Pendant control station
6 x Buttons (NA)



- Characteristics:**
- > Buttons: 6 (NA)
 - > Mechanical interlocking: Yes (between pairs)

- Type of control button:**
- > First button 1NA - slow raise
 - > Second button 1NA - slow descend
 - > Third button 1NA - slow right
 - > Fourth button 1NA - slow left
 - > Fifth button 1NA - slow forwards
 - > Sexto botão 1NA - slow reverse



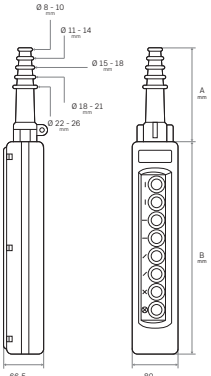
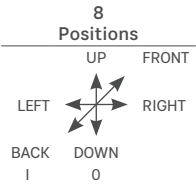
REF.	Ui	lth	Dimensions		
ASAACA671	500V	10A	169 x 306 mm	1	20

Pendant control station
8 x Buttons (NA)



- Characteristics:**
- > Buttons: 8 (NA)
 - > Mechanical interlocking: Yes (between pairs)

- Type of control button:**
- > First button 1NA - slow raise
 - > Second button 1NA - slow descend
 - > Third button 1NA - slow right
 - > Fourth button 1NA - slow left
 - > Fifth button 1NA - slow forwards
 - > Sixth button 1NA - slow reverse
 - > Seventh button 1NA - I
 - > Eighth button 1NA - O



REF.	Ui	lth	Dimensions		
ASAACA871	500V	10A	169 x 366 mm	1	20

Winch pendant control station

- Type of control station: Double insulation
- IP rating: IP65
- Complete, ready to use
- Surge category: II



The pendant control station is recommended for use in applications such as overhead cranes, winches and lifting and transport equipment. It has been designed to make it easy to use and operate, giving the operator maximum freedom of movement.

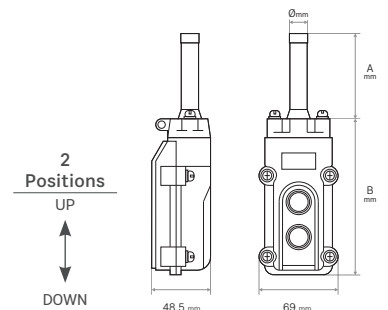
The COB-6 series is available with 2 and 4 buttons, with an up, down, right and left direction.

The COB-6 push-button has a self-extinguishing, double-insulated thermoplastic casing with IP65 rating, fully protected against dust and water jets.

Characteristics

- › Rated voltage: max. **500V AC**
- › Frequency: **50/ 60Hz**
- › Protection against short-circuit: **10A**
- › Operating function: **Pulse control without retention**
- › Switching capacity: **250V: 5A**
500V: 2A
- › Operating contacts: **Slow open**
- › Type of electric circuit: **Control circuit**
- › Mechanical intervention: **With mechanical interlocking**
- › Operating temperature: **-20° ~ +50°**
- › Mounting: **Overlay box**

Winch pendant control station

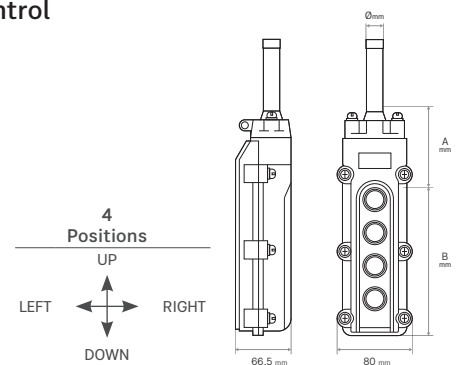


Characteristics:

- › 2 Buttons

REF.	Dimensions (Ø x A x B)		
ASCOB61	13,5 x 101 x 121 mm	1	72

Winch pendant control station



Characteristics:

- › 4 Buttons

REF.	Dimensions (Ø x A x B)		
ASCOB64	15,5 x 113 x 190 mm	1	50



Toggle switch



REF.	Number of poles		Rated voltage		I (A)		
AS1021	1P	Switch	250V AC	ON - OFF	10A	10	500
AS1121	1P	Inverter	250V AC	ON - ON	10A	10	500
AS1122	1P	Switch	250V AC	ON - OFF - ON	10A	10	500
AS1221	2P	Switch	250V AC	ON - OFF	10A	10	500
AS1321	2P	Inverter	250V AC	ON - ON	10A	20	500
AS1322	2P	Switch	250V AC	ON - OFF - ON	10A	10	500

Metal pushbutton switch



REF.	Hole		
ASL21305	20mm	20	240

Mini round rocker switch



REF.	Rated voltage	I (A)		
ASMRP	250V AC	6A	20	1000

Double-pole rocker switch
KCD-6



REF.	Colour	Rated voltage	I (A)		
ASKCD4	●	230V AC	16A	50	1000
ASKCD6	●	230V AC	16A	50	1000
ASKCD6B	Blister ●	230V AC	16A	1	10

Single-pole rocker switch



REF.	Rated voltage	I (A)		
ASKED	250V AC	16A	100	1000
ASKEDB	Blister 250V AC	16A	1	10

Double-pole rocker switch



REF.	Rated voltage	I (A)		
ASKCD8	250V AC	16A	50	500
ASKCD8B	Blister 250V AC	16A	1	10

Signalling devices

Indicator light



REF.	Colour	Rated voltage	Hole		
ASYL244AM	●	240V AC	16mm	100	2000
ASYL244VD	●	240V AC	16mm	100	2000
ASYL244VM	●	240V AC	16mm	100	2000



IP44 industrial connectors

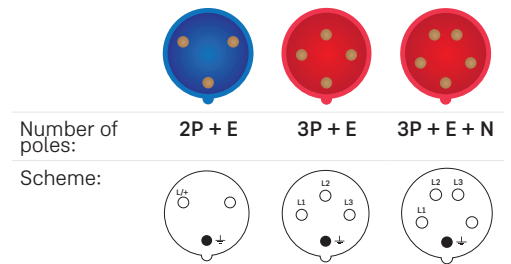
- High mechanical resistance
- Easy to handle
- Professional and robust
- Material: polyamide (PA)
- IK rating: IK08



A nickel-plated steel device makes it easy to open and close the plugs, speeding up connection times. To open, you only need to apply a slight pressure to the device using a screwdriver, while it can be closed by simply turning the body.

Characteristics:

- > Earth pole position: **6h (standard use)**
- > IP rating: **IP44**
- > Operating voltage: **220-415V AC**
- > Rated intensity: **16A, 32A and 63A**
- > Frequency: **50-60Hz**
- > Operating temperature: **-25°C~+40°C**
- > Contacts material: **Brass**
- > Glow wire test: **650°C / 850°C**



Industrial plug

Industrial socket



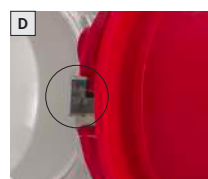
Cable gland for insulation and protection



Metal clip closure system ensures quick and easy opening



Reinforced polyamide crown ensures high mechanical resistance



Nickel-plated steel



Number of poles



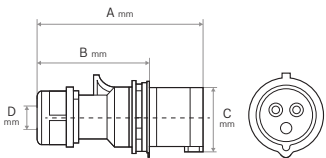
Protective cover easy opening



Industrial plug
IP44

Characteristics:

- › Number of poles: 2P + E
- › Rated voltage: 220-240V AC



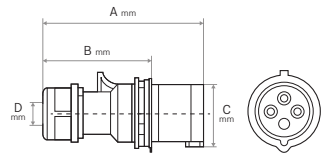
REF.	I(A)	Conductor cross-section	A	B	C	D		
ASFI013	16A	1 - 2,5mm ² (min.-max.)	118	82	47	6~15	10	120
ASFI023	32A	2,5 - 6mm ² (min.-max.)	146	100	63	10~20	10	60



Industrial plug
IP44

Characteristics:

- › Number of poles: 3P + E
- › Rated voltage: 380-415V AC



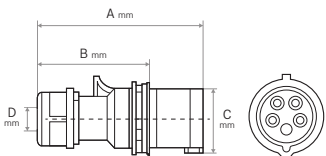
REF.	I(A)	Conductor cross-section	A	B	C	D		
ASFI014	16A	1 - 2,5mm ² (min.-max.)	124	88	53	6~15	10	60
ASFI024	32A	2,5 - 6mm ² (min.-max.)	146	100	63	10~20	10	60



Industrial plug
IP44

Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC



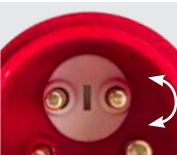
REF.	I(A)	Conductor cross-section	A	B	C	D		
ASFI015	16A	1 - 2,5mm ² (min.-max.)	131	95	61	8~16	10	60
ASFI025	32A	2,5 - 6mm ² (min.-max.)	152	106	70	10~20	10	60



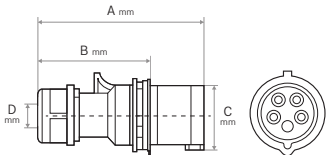
Industrial plug
with phase inverter **NEW**
IP44

Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC



Inversão fases

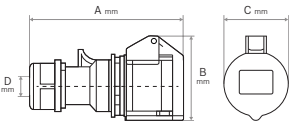


REF.	I(A)	Conductor cross-section	A	B	C	D		
ASFI015T	16A	1 - 2,5mm ² (min.-max.)	131	95	61	8~16	10	60
ASFI025T	32A	2,5 - 6mm ² (min.-max.)	152	106	70	10~20	10	60

Industrial socket
IP44



- Characteristics:**
- Number of poles: 2P + E
 - Rated voltage: 220-240V AC

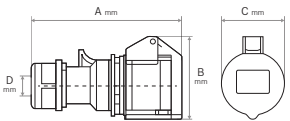


REF.	I(A)	Conductor cross-section	A	B	C	D		
ASFI213	16A	1 - 2,5mm ² (min.-max.)	127	75	51	6~15	10	120
ASFI223	32A	2,5 - 6mm ² (min.-max.)	159	90	66	10~20	10	60

Industrial socket
IP44



- Characteristics:**
- Number of poles: 3P + E
 - Rated voltage: 380-415V AC

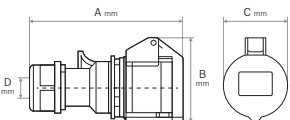


REF.	I(A)	Conductor cross-section	A	B	C	D		
ASFI214	16A	1 - 2,5mm ² (min.-max.)	135	80	57	6~15	10	60
ASFI224	32A	2,5 - 6mm ² (min.-max.)	159	90	66	10~20	10	60

Industrial socket
IP44



- Characteristics:**
- Number of poles: 3P + E + N
 - Rated voltage: 380-415V AC

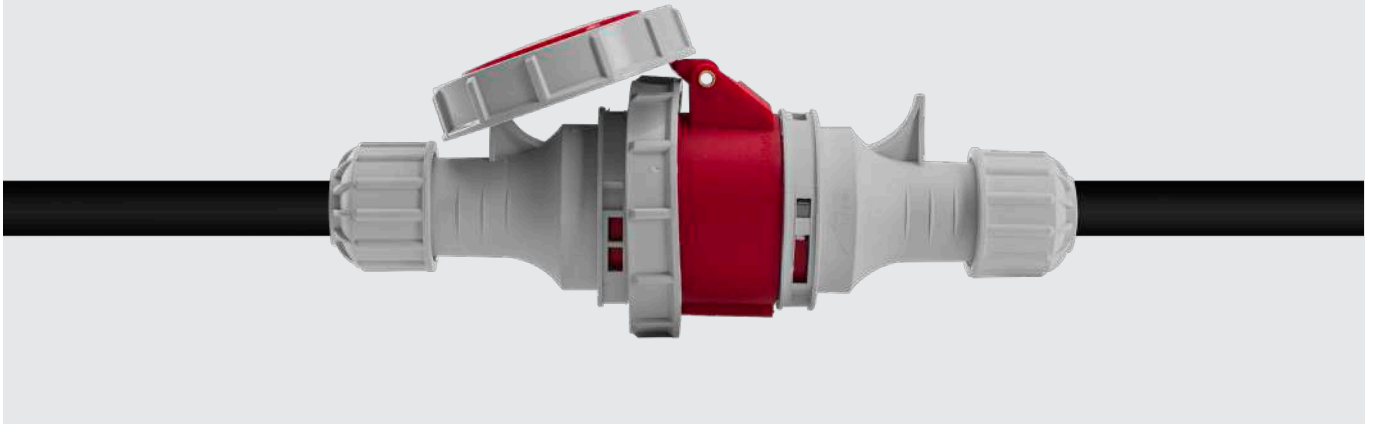


REF.	I(A)	Conductor cross-section	A	B	C	D		
ASFI215	16A	1 - 2,5mm ² (min.-max.)	142	82	64	8~16	10	60
ASFI225	32A	2,5 - 6mm ² (min.-max.)	159	97	72	10~20	10	60



IP67 industrial plugs

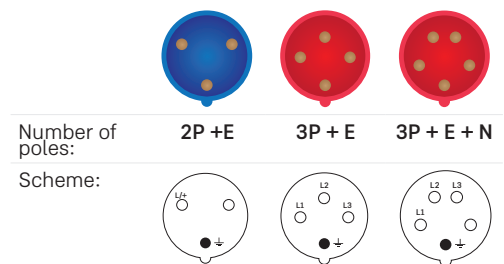
- High mechanical resistance ○ Easy to handle ○ Professional and robust
- Material: polyamide (PA) ○ IK rating: IK08



A nickel-plated steel device makes it easy to open and close the plugs, speeding up connection times. To open, you only need to apply a slight pressure to the device using a screwdriver, while it can be closed by simply turning the body.

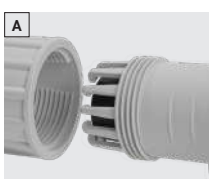
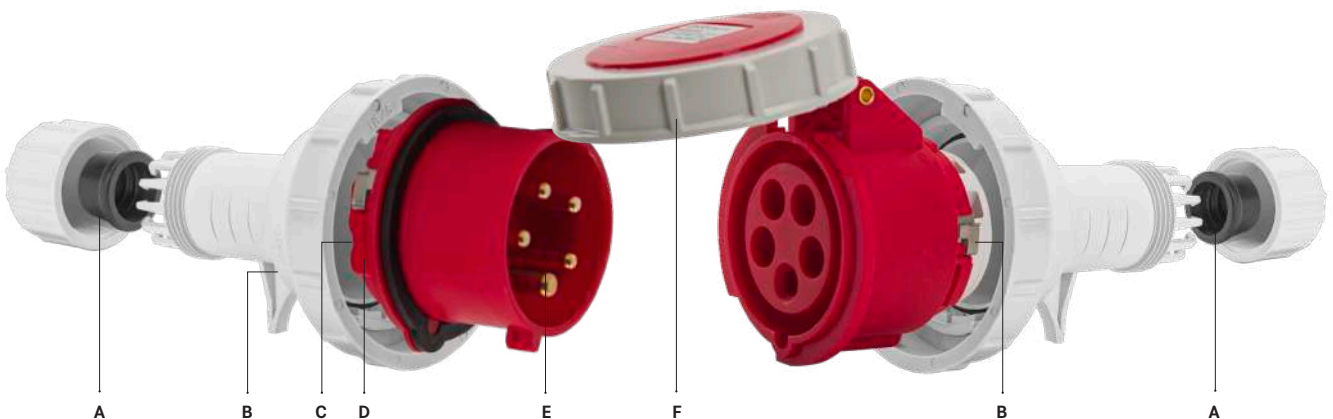
Characteristics:

- › Earth pole position: 6h (standard use)
- › IP rating: **IP67**
- › Operating voltage: **220-415V AC**
- › Rated intensity: **16A, 32A and 63A**
- › Frequency: **50-60Hz**
- › Operating temperature: **-25°C~+40°C**
- › Contacts material: **Brass**
- › Glow wire test: **650°C / 850°C**



Industrial plug

Industrial socket



Gland for insulation and protection



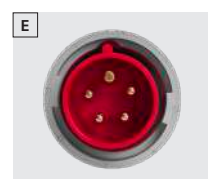
Metal clip closure system ensures quick and easy opening



Reinforced polyamide crown ensures high mechanical resistance



Nickel-plated steel



Number of poles



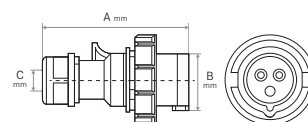
Protective cover easy opening



Industrial plug IP67

Characteristics:

- › Number of poles: 2P + E
- › Rated voltage: 220-240V AC



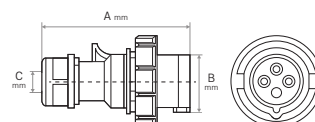
REF.	I(A)	Conductor cross-section	A	B	C		
ASFI0132	16A	1 - 2,5mm ² (min.-max.)	118	43,5	6~15	10	60
ASFI0232	32A	2,5 - 6mm ² (min.-max.)	146	57	10~20	10	60



Industrial plug IP67

Characteristics:

- › Number of poles: 3P + E
- › Rated voltage: 380-415V AC



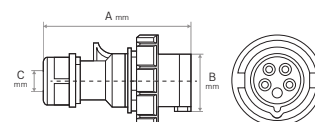
REF.	I(A)	Conductor cross-section	A	B	C		
ASFI0142	16A	1 - 2,5mm ² (min.-max.)	124	49,5	6~15	10	60
ASFI0242	32A	2,5 - 6mm ² (min.-max.)	146	57	10~20	10	60



Industrial plug IP67

Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC



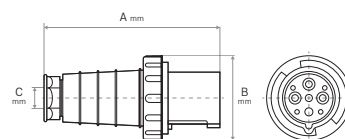
REF.	I(A)	Conductor cross-section	A	B	C		
ASFI0152	16A	1 - 2,5mm ² (min.-max.)	133	56	8~16	10	60
ASFI0252	32A	2,5 - 6mm ² (min.-max.)	155	63	10~20	10	60



Industrial plug with phase inverter IP67

Characteristics:

- › Number of poles: 3P + E
- › Rated voltage: 380-415V AC



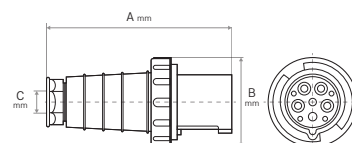
REF.	I(A)	Conductor cross-section	A	B	C		
ASFI034	63A	6 - 16mm ² (min.-max.)	231,5	110	16~38	2	20



Industrial plug IP67

Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC



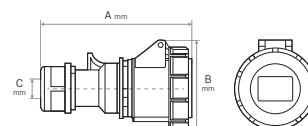
REF.	I(A)	Conductor cross-section	A	B	C		
ASFI035	63A	6 - 16mm ² (min.-max.)	231,5	110	16~38	2	20



Industrial socket IP67

Characteristics:

- › Number of poles: 2P + E
- › Rated voltage: 220-240V AC



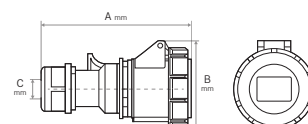
REF.	I(A)	Conductor cross-section	A	B	C		
ASFI2132	16A	1 - 2,5mm ² (min.-max.)	130	71	6~15	10	60
ASFI2232	32A	2,5 - 6mm ² (min.-max.)	163	97	10~20	10	60



Industrial socket IP67

Characteristics:

- › Number of poles: 3P + E
- › Rated voltage: 380-415V AC



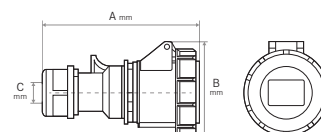
REF.	I(A)	Conductor cross-section	A	B	C		
ASFI2142	16A	1 - 2,5mm ² (min.-max.)	130	87	6~15	10	60
ASFI2242	32A	2,5 - 6mm ² (min.-max.)	163	97	10~20	10	60



Industrial socket IP67

Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC



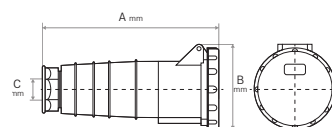
REF.	I(A)	Conductor cross-section	A	B	C		
ASFI2152	16A	1 - 2,5mm ² (min.-max.)	145	93	8~16	10	60
ASFI2252	32A	2,5 - 6mm ² (min.-max.)	168	104	12~22	10	40



Industrial socket IP67

Characteristics:

- › Number of poles: 3P + E
- › Rated voltage: 380-415V AC



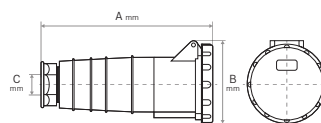
REF.	I(A)	Conductor cross-section	A	B	C		
ASFI234	63A	6 - 16mm ² (min.-max.)	240	115	16~38	2	20



Industrial socket IP67

Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC



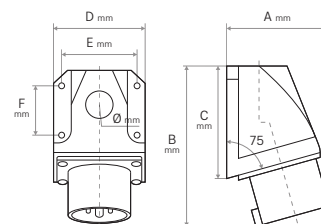
REF.	I(A)	Conductor cross-section	A	B	C		
ASFI235	63A	6 - 16mm ² (min.-max.)	240	115	16~38	2	20

Industrial wall-mounted plug IP44



Characteristics:

- › Number of poles: 2P + E
- › Rated voltage: 220-240V AC



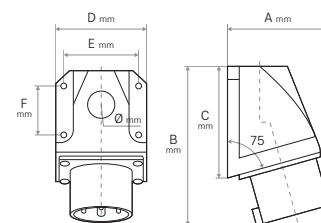
REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	Ø		
ASTI513	16A	1 - 2,5mm ² (min.-max)	74	130	103	82	71	47	23	10	40
ASTI523	32A	2,5 - 6mm ² (min.-max)	84	144	103	82	71	47	23	10	40

IP44 Industrial wall-mounted plug IP44



Characteristics:

- › Number of poles: 3P + E
- › Rated voltage: 380-415V AC



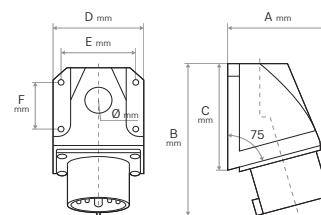
REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	Ø		
ASTI514	16A	1 - 2,5mm ² (min.-max)	75	135	103	82	71	47	23	10	40
ASTI524	32A	2,5 - 6mm ² (min.-max)	84	144	103	82	71	47	23	10	40

IP44 Industrial wall-mounted plug IP44



Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC



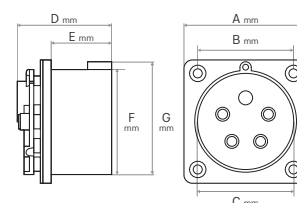
REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	Ø		
ASTI515	16A	1 - 2,5mm ² (min.-max)	80	135	103	82	71	47	23	10	40
ASTI525	32A	2,5 - 6mm ² (min.-max)	86	148	103	82	71	47	23	10	40

Industrial plug / recessed without cover IP44



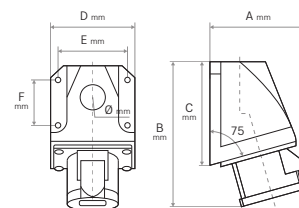
Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC



REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	G		
ASHT615	63A	6 - 16mm ² (min.-max)	70	55	55	55	35	60	70	10	100

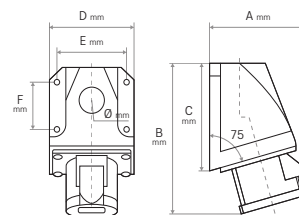
Industrial wall-mounted socket IP44


Characteristics:

- › Number of poles: 2P + E
- › Rated voltage: 220-240V AC

REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	Ø		
ASTI113	16A	1 - 2,5mm ² (min.-max.)	96	149	103	82	71	47	23	10	40
ASTI123	32A	2,5 - 6mm ² (min.-max.)	107	163	103	82	71	47	23	10	40

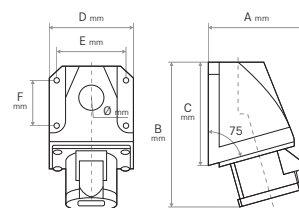
Industrial wall-mounted socket IP44


Characteristics:

- › Number of poles: 3P + E
- › Rated voltage: 380-415V AC

REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	Ø		
ASTI114	16A	1 - 2,5mm ² (min.-max.)	101	150	103	82	71	47	23	10	40
ASTI124	32A	2,5 - 6mm ² (min.-max.)	107	163	103	82	71	47	23	10	40

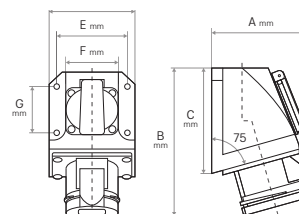
Industrial wall-mounted socket IP44


Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC

REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	Ø		
ASTI115	16A	1 - 2,5mm ² (min.-max.)	103	153	103	82	71	47	23	10	40
ASTI125	32A	2,5 - 6mm ² (min.-max.)	113	163	103	82	71	47	23	10	40

Industrial wall-mounted socket combo IP44


Characteristics:

- › Number of poles: 3P + E + 2P + T Schuko
- › Rated voltage: 240-415V AC

REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	G		
ASTI114112R	16A	1 - 2,5mm ² (min.-max.)	100	145	103	82	72	52	48	10	40

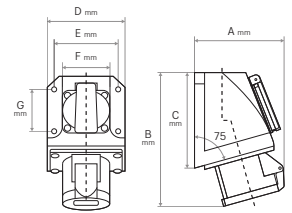
IP44 industrial socket

Industrial wall-mounted socket combo IP44



Characteristics:

- > Number of poles: 3P + E + N + 2P + T Schuko
- > Rated voltage: 240-415V AC



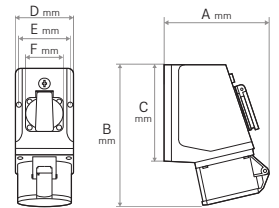
REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	G		
ASTI115112R	16A	1 - 2,5mm ² (min.-max.)	105	150	103	82	72	52	48	10	40

Industrial wall-mounted socket combo **NEW** IP44



Characteristics:

- > Number of poles: 3P + E + N + 2P + T Schuko
- > Rated voltage: 240-400V AC



REF.	I(A)	Conductor cross-section	A	B	C	D	E	F		
ASTI125112R	32A	2,5 - 6mm ² (min.-max.)	140	195	127	80	70	50	10	40

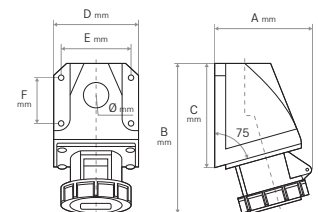
IP67 industrial socket

Industrial wall-mounted socket IP67



Characteristics:

- > Number of poles: 2P + E
- > Rated voltage: 220-240V AC



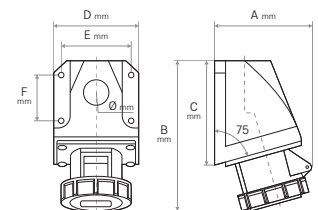
REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	Ø		
ASTI1132	16A	1 - 2,5mm ² (min.-max.)	99	155	103	82	71	48	23	10	40
ASTI1232	32A	2,5 - 6mm ² (min.-max.)	108	170	103	82	71	48	23	10	40

Industrial wall-mounted socket IP67



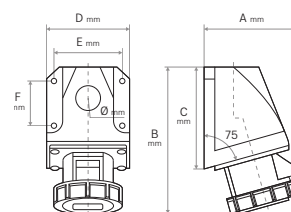
Characteristics:

- > Number of poles: 3P + E
- > Rated voltage: 380-415V AC



REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	Ø		
ASTI1142	16A	1 - 2,5mm ² (min.-max.)	101	155	103	82	71	48	23	10	40
ASTI1242	32A	2,5 - 6mm ² (min.-max.)	108	170	103	82	71	48	23	10	40

Industrial wall-mounted socket IP67

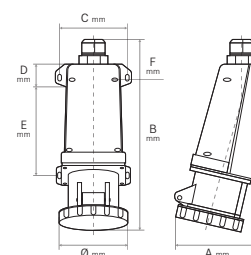


Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC

REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	Ø		
ASTI1152	16A	1 - 2,5mm ² (min.-max)	106	155	103	82	71	48	23	10	40
ASTI1252	32A	2,5 - 6mm ² (min.-max)	111	172	103	82	71	48	23	10	40

Industrial wall-mounted socket IP67

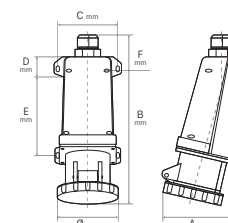


Characteristics:

- › Number of poles: 2P + E
- › Rated voltage: 220-240V AC

REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	Ø		
ASTI133	63A	6 - 16mm ² (min.-max)	134	311	111	20	155	6	108	2	10

Industrial wall-mounted socket IP67

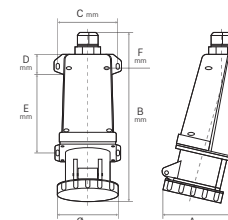


Characteristics:

- › Number of poles: 3P + E
- › Rated voltage: 380-415V AC

REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	Ø		
ASTI134	63A	6 - 16mm ² (min.-max)	134	311	111	20	155	6	108	2	10

Industrial wall-mounted socket IP67



Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC

REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	Ø		
ASTI135	63A	6 - 16mm ² (min.-max)	134	311	111	20	155	6	108	2	10

Wall-mounted industrial sockets with interlocking switch

- Maximum safety for environments requiring reliable and safe power supplies



Locking switch



Lockable cover



Easy connection

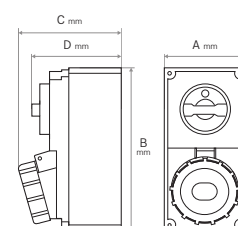


Industrial wall-mounted socket with interlocking switch

IP67

Characteristics:

- Number of poles: 2P + E
- Rated voltage: 230V AC



REF.	I (A)	Conductor cross-section	A	B	C	D		
ASTI61132	16A	1 - 2,5mm ² (min.-max.)	90	180	125	105	1	20
ASTI61232	32A	2,5 - 6mm ² (min.-max.)	90	180	125	105	1	20

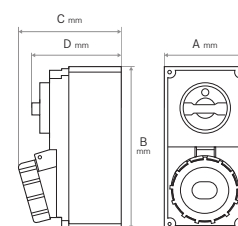


Industrial wall-mounted socket with interlocking switch

IP67

Characteristics:

- Number of poles: 3P + E
- Rated voltage: 400V AC



REF.	I (A)	Conductor cross-section	A	B	C	D		
ASTI61142	16A	1 - 2,5mm ² (min.-max.)	90	180	125	105	1	20
ASTI61242	32A	2,5 - 6mm ² (min.-max.)	90	180	125	105	1	20

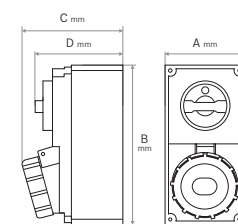


Industrial wall-mounted socket with interlocking switch

IP67

Characteristics:

- Number of poles: 3P + E + N
- Rated voltage: 400V AC



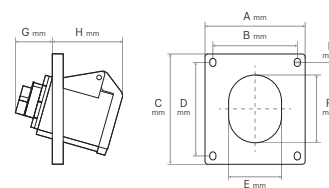
REF.	I (A)	Conductor cross-section	A	B	C	D		
ASTI61152	16A	1 - 2,5mm ² (min.-max.)	90	180	125	105	1	20
ASTI61252	32A	2,5 - 6mm ² (min.-max.)	90	180	125	105	1	20

Flush industrial socket IP44



Characteristics:

- › Number of poles: 2P + E
- › Rated voltage: 220-240V AC



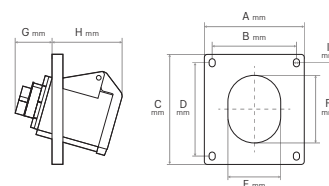
REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	G	H	I		
ASTI313	16A	1 - 2,5mm ² (mín.-máx)	80	60	98	73	57	62	37	50	5,5	20	80
ASTI323	32A	2,5 - 6mm ² (min.-max)	80	60	98	73	72	81	45	57	5,5	20	80

Flush industrial socket IP44



Characteristics:

- › Number of poles: 3P + E
- › Rated voltage: 380-415V AC



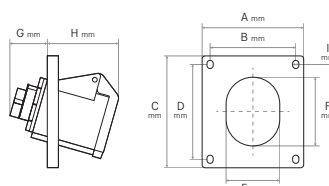
REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	G	H	I		
ASTI314	16A	1 - 2,5mm ² (min.-max)	80	60	98	73	70	78	43	45	5,5	15	60
ASTI324	32A	2,5 - 6mm ² (min.-max)	88	60	98	73	78	88	47	55	5,5	15	60

Flush industrial socket IP44



Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC



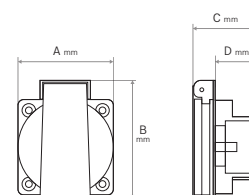
REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	G	H	I		
ASTI315	16A	1 - 2,5mm ² (min.-max)	80	60	98	73	70	78	43	45	5,5	15	60
ASTI325	32A	2,5 - 6mm ² (min.-max)	88	60	98	73	78	88	47	55	5,5	15	60

Flush industrial schuko socket IP44



Characteristics:

- › Number of poles: 2P + E
- › Rated voltage: 220-240V AC



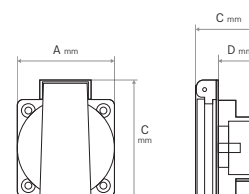
REF.	I(A)	Conductor cross-section	A	B	C	D		
ASTI112R	16A	1 - 2,5mm ² (min.-max)	50	65	42	25	20	240

Flush industrial French socket IP44



Characteristics:

- › Number of poles: 2P + E
- › Rated voltage: 220-240V AC



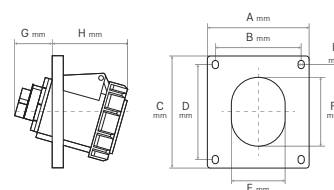
REF.	I(A)	Conductor cross-section	A	B	C	D		
ASTI112F	16A	1 - 2,5mm ² (min.-max)	50	65	42	25	20	120

Flush industrial socket IP67



Characteristics:

- › Number of poles: 2P + E
- › Rated voltage: 220-240V AC



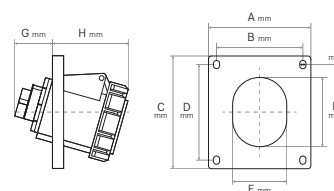
REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	G	H	I		
ASTI3132	16A	1 - 2,5mm ² (min.-max)	80	60	98	73	57	62	37	52	5,5	20	80
ASTI3232	32A	2,5 - 6mm ² (min.-max)	80	60	98	73	72	81	45	60	5,5	15	60

Flush industrial socket IP67



Characteristics:

- › Number of poles: 3P + E
- › Rated voltage: 380-415V AC



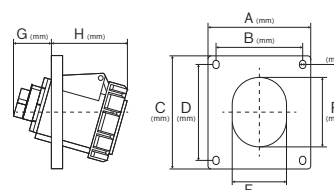
REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	G	H	I		
ASTI3142	16A	1 - 2,5mm ² (min.-max)	80	60	98	73	57	62	37	52	5,5	20	80
ASTI3242	32A	2,5 - 6mm ² (min.-max)	80	60	98	73	72	81	45	60	5,5	15	60

Flush industrial socket IP67



Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC



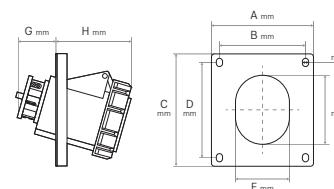
REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	G	H	I		
ASTI3152	16A	1 - 2,5mm ² (min.-max)	80	60	98	73	63	70	40	50	5,5	15	60
ASTI3252	32A	2,5 - 6mm ² (min.-max)	80	60	98	73	72	81	45	60	5,5	15	60

Flush industrial socket IP67



Characteristics:

- › Number of poles: 3P + E
- › Rated voltage: 380-415V AC



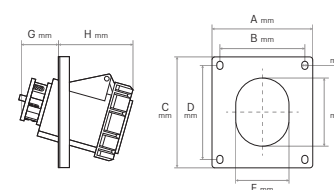
REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	G	H	I		
ASTI3342	63A	6 - 16mm ² (min.-max)	102	80	114	92	82	90	73	83	6	4	20

Flush industrial socket IP67



Characteristics:

- › Number of poles: 3P + E + N
- › Rated voltage: 380-415V AC

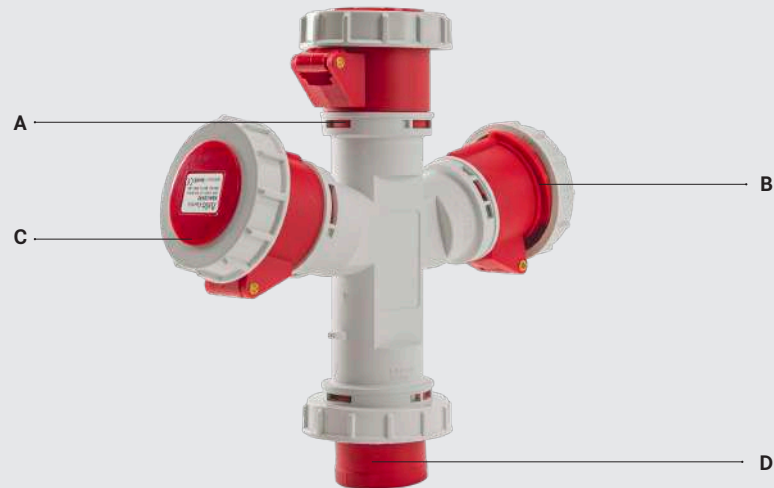


REF.	I(A)	Conductor cross-section	A	B	C	D	E	F	G	H	I		
ASTI3352	63A	6 - 16mm ² (min.-max)	102	80	114	92	82	90	73	83	6	4	20



Triple industrial adapter 1 plug + 3 sockets

- Number of poles: 3P + T ○ Rated voltage: 380-415V AC
- Material: Polyamide ○ IK rating: IK08 ○ IP rating: IP67



IP rating: IP67



Connection with industrial socket

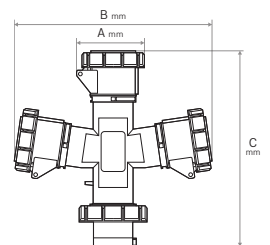


3 sockets x 3P + E



1 plug

Triple industrial adapter 1 plug + 3 sockets IP67



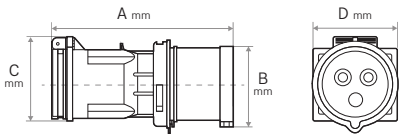
REF.	I(A)	Dimensions (AxBxC)		
ASA10142	16A	250 x 85 x 240 mm	2	10

CEE industrial adapter
IP44



Characteristics:

- › Number of poles: 2P + E CEE plug
- › Number of poles: 2P + E Schuko
- › Rated voltage: 220-240V AC



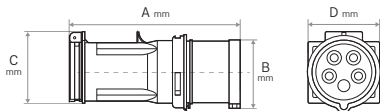
REF.	I(A)	A	B	C	D		
ASAI013112R	16A	125	47	75	55	10	60

CEE industrial adapter
IP44



Characteristics:

- › Number of poles: 3P + E+ N CEE male
- › Rated voltage: 380-415V AC
- › Number of poles: 2P + E Schuko
- › Rated voltage: 250V AC



REF.	I(A)	A	B	C	D		
ASAI015112R	16A	138	61	68	58	10	60

Triple adapter 1 CEE plug + 3 sockets 2P + E schuko **NEW**
IP44

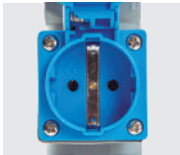


Characteristics:

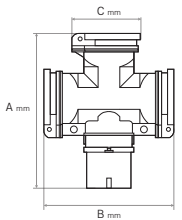
- › Number of poles: 2P + E
- › Rated voltage: 230V AC



1 triple adapter
CEE plug



3 sockets
2P+E schuko



REF.	I(A)	A	B	C		
ASAI013112R03	16A	154	124	50	6	36

230V
50/60Hz
3p = 6h
4p + 5p = 9h

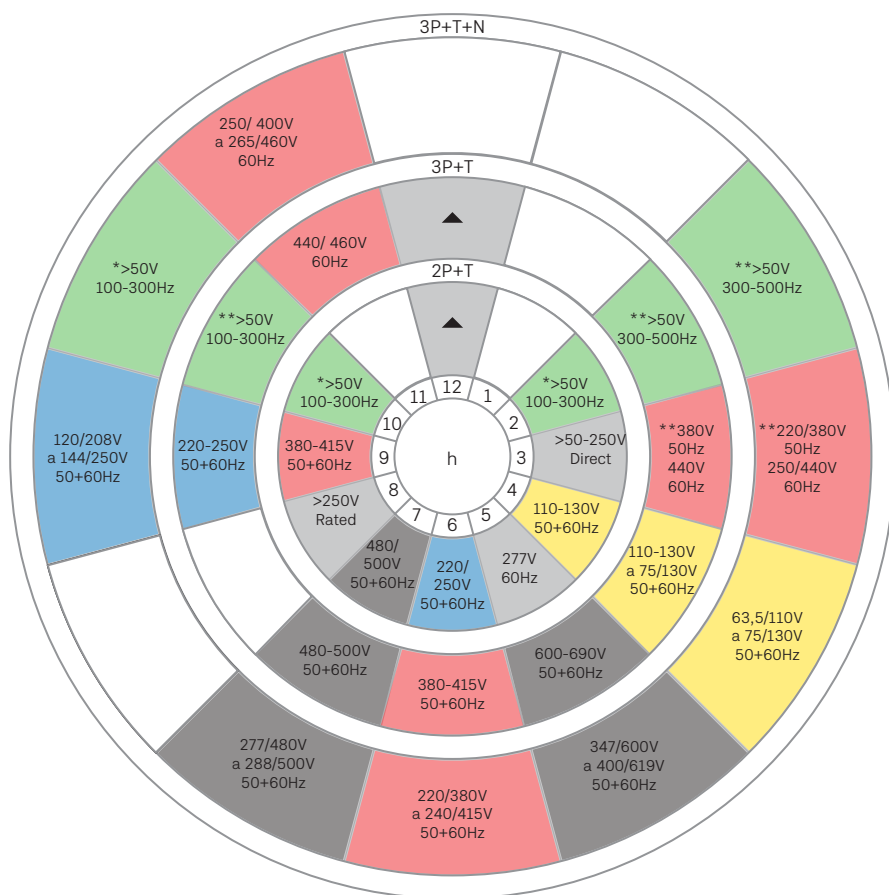
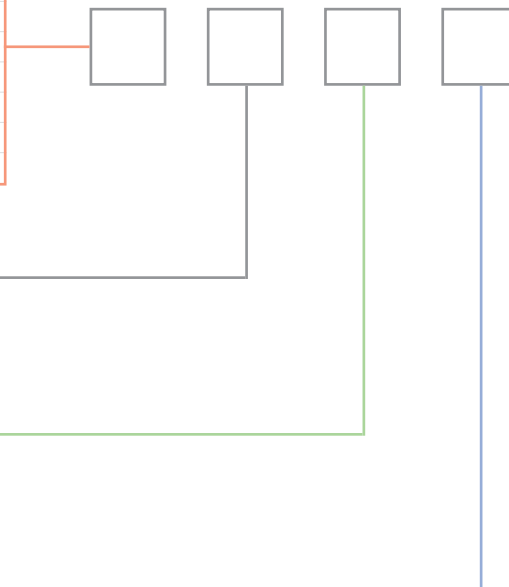
400V
50/60Hz
4p + 5p = 9h

0	Plug
1	Wall socket
2	Socket
3	Flush socket - slanted
4	Flush socket - horizontal
5	Male wall socket
6	Flush male socket - slanted
7	Flush male socket - horizontal
11	Combo wall socket

1	16 Amp
2	32 Amp
3	63 Amp
4	125 Amp

3	3 Poles (2P + E)
4	4 Poles (3P + E)
5	5 Poles (2P + E + N)
7	6 Poles (2 x 3 + E)

	IP44 (16 and 32 Amp)
2	IP67 (16 and 32 Amp)
1	IP44 (63 and 125 Amp)
	IP67 (63 and 125 Amp)

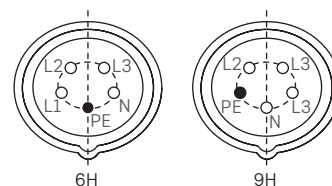


To make it easier to identify the various voltages and frequencies, CEE plugs and sockets are colour coded

Nominal operating voltage	Colour code
20 - 25V	Purple
40 - 50V	White
100 - 130V	Yellow
200 - 250V	Blue
380 - 450V	Red
500 - 690V	Black
>60 - 500V	Green
s/ código Colour	Gray

Supply of an isolation transformer

**Position of earth pole
Fig:front of plug or socket



Empty industrial distribution boards **NEW**

- IP rating: IP44 ○ IK rating: IK06
- Insulation class: II



ASLO distribution boards are designed to provide safe power distribution indoors and outdoors, for example construction sites, light industry, events, etc. They are available in 'Empty' versions, which can be configured according to the user's needs, and 'Equipped' ready to be installed.

The new distribution boards will make it possible to connect all the machines and/or portable power tools you need for your projects, with all the safety that ASLO's cutting and protection equipment offers.

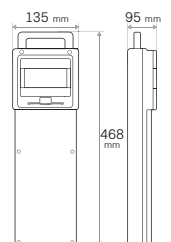
Characteristics

- > Rated voltage (Un): **415V**
- > Rated operating voltage (Ue): **240V, 415V**

- > Rated insulation voltage (Ui): **690V**
- > Rated impulse withstand voltage (Uimp): **4kV**
- > Rated current (max.): **32A**
- > Glow wire test: **650°**
- > Insulation resistance: **<100mΩ**
- > Installation: **Surface**
- > Smooth walls
- > Ambient temperature: **-5 °C to +40 °C, +35 °C (average daily temp.)**
- > Casing material: **ABS**
- > Door material: **Polycarbonate**
- > DIN rail: **35mm**
- > Terminals: **Earth and neutral**

Empty industrial distribution board **NEW**

6 Modules



Characteristics:

- > Cable entrance: M22 gland
- > Earth busbar (5 connections)
- > Neutral busbar (5 connections)

REF.

ASQ013546800

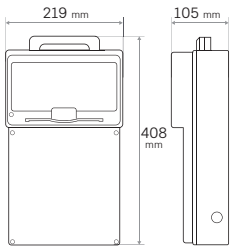
1 6





Empty industrial distribution board **NEW**
10 Modules

- Characteristics:**
- > Cable entrance: M22 gland
 - > Earth busbar (5 connections)
 - > Neutral busbar (5 connections)

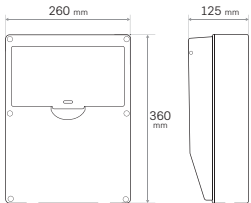


REF.		
ASQ021940800	1	1



Empty industrial distribution board **NEW**
12 Modules

- Characteristics:**
- > Earth busbar (7 connections)
 - > Neutral busbar (7 connections)

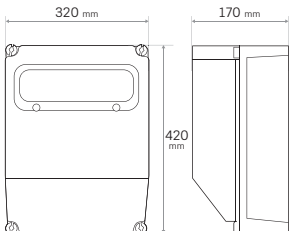


REF.		
ASQ026036000	1	1



Empty industrial distribution board **NEW**
14 Modules

- Characteristics:**
- > Earth busbar (7 connections)
 - > Neutral busbar (7 connections)
 - > Connecting terminal: 3P + E + N



REF.		
ASQ032042000	1	1



Equipped industrial distribution board **NEW**

- IP rating: IP44 ○ IK rating: IK06
- Insulation class: II



ASLO switchboards are designed to provide safe power distribution indoors and outdoors, for example construction sites, light industry, events, etc. They are available in 'Empty' versions, configurable according to the user's needs, and 'Equipped' ready to be installed. The new distribution boards will make it possible to connect all the machines and/or portable power tools you need for your projects, with all the safety that ASLO's cutting and protection equipment offers.

Characteristics

- > Rated voltage (Un): **415V**
- > Rated operating voltage (Ue): **240V, 415V**
- > Rated insulation voltage (Ui): **690V**

- > Rated withstand impulse voltage (Uimp): **4kV**
- > Resistance to short-circuit (Icc): **6kA**
- > Ambient temperature: **-5 °C to +40 °C, +35 °C (average daily temp.)**
- > Rated current (max.): **32A**
- > Glow wire test: **650°C**
- > Insulation resistance: **<100mΩ**
- > Input differential protection: **30mA**
- > Installation: **Surface**
- > Casing material: **ABS**
- > Door material: **Polycarbonate**
- > DIN rail: **35mm**
- > Terminals: **Earth and neutral**

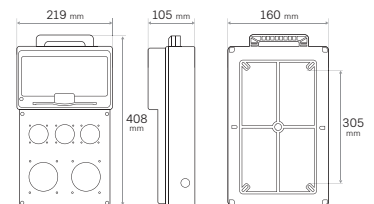


Equipped industrial distribution board **NEW** 10 Modules



Board contents::

- > 3 flush schuko sockets (ASTI112R)
- > 2 flush sockets 16A 3P+E+N 400V (ASTI315)
- > 1 differential switch 4x40A 30mA (ASGR44030)
- > 1 Three-pole circuit breaker 3P 16A (ASGM316)
- > 3 Single-pole circuit breaker 16A (ASGM116)



REF.

ASQO21940801



1 1

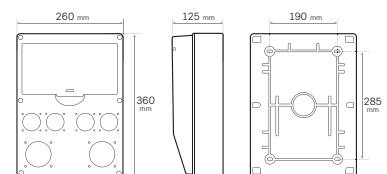


Equipped industrial distribution board **NEW** 12 Modules



Board contents::

- > 4 flush schuko sockets (ASTI112R)
- > 1 flush socket 32A 3P+E+N 400V (ASTI325)
- > 1 flush socket 16A 3P+E+N 400V (ASTI315)
- > 1 differential switch 4x40A 30mA (ASGR44030)
- > 1 Three-pole circuit breaker 3P 16A (ASGM316)
- > 1 Three-pole circuit breaker 3P 32A (ASGM323)
- > 2 Single pole circuit breaker 16A (ASGM116)



REF.

ASQO26036001



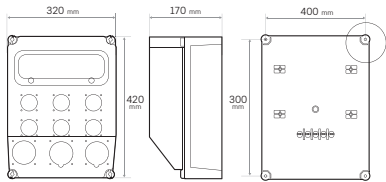
1 1



Equipped industrial distribution board **NEW**
14 Modules



- Board contents::**
- > 6 flush schuko sockets (ASTI112R)
 - > 1 flush socket 16A 2P+E 230V (ASTI313)
 - > 1 16A 3P+E 400V flush socket (ASTI314)
 - > 1 flush socket 16A 3P+E+N 400V (ASTI315)
 - > 1 differential switch 4x40A 30mA (ASGR44030)
 - > 2 Three-pole circuit breaker 3P 16A (ASGM316)
 - > 3 Single-pole circuit breaker 16A (ASGM116)



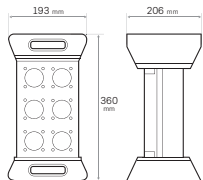
REF.		
ASQO32042001		
	1	1



Portable distribution board
with 2m cable **NEW**



- Characteristics:**
- > 4 flush schuko sockets (ASTI112R)
 - > 2 flush sockets 16A 3P+E 400V
 - > 1 HO7RN-F 5G2.5mm² 2m cable
 - > 1 16A 3P+E+N 400V industrial plug (ASFI015)



REF.		
ASPMPO193360		
	1	4

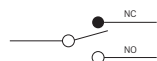
Accessories for
distribution boards



Reference	ASPPQO
Designation	Plastic handle for distribution boards
This accessory can be used with following references:	ASQO26036000 (empty board) ASQO26036001 (equipped board) ASQO32042000 (empty board) ASQO32042001 (equipped board)



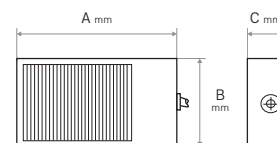
Foot switches



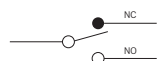
Foot switch without protection IP65

Characteristics:

- Material: Metal
- Rated voltage: 250V AC
- I(A): 10A
- Tensile strength: 0,9kg



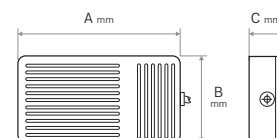
REF.	Dimensions (AxBxC)		
ASF51	100 x 66 x 20 mm	1	50



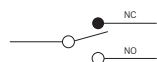
Foot switch without protection IP65

Characteristics:

- Material: Plastic
- Rated voltage: 250V AC
- I(A): 10A
- Tensile strength: 0,7kg



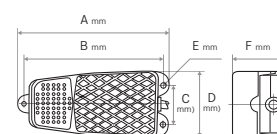
REF.	Dimensions (AxBxC)		
ASKH812	100 x 61 x 32 mm	1	50



Foot switch without protection IP65

Characteristics:

- Material: Cast aluminium
- Rated voltage: 250V AC
- I(A): 10A
- Tensile strength: 1,2kg



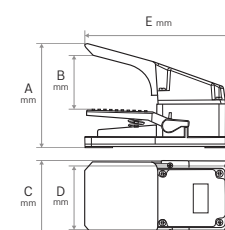
REF.	Dimensions (AxBxCxDxExF)		
ASF53	163 x 152 x 48 x 79 x 3,5 x 55 mm	1	50



Foot switch without protection IP65

Characteristics:

- Material: Cast aluminium
- Rated voltage: 250V AC
- I(A): 10A
- Tensile strength: 3,2kg



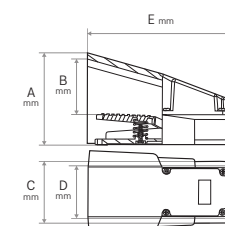
REF.	Dimensions (AxBxCxDxE)		
ASFS13	126 x 78 x 100 x 85 x 200 mm	1	25



Foot switch with complete protection IP65

Characteristics:

- Material: Cast aluminium
- Rated voltage: 250V AC
- I(A): 10A
- Tensile strength: 3,2kg



REF.	Dimensions (AxBxCxDxE)		
ASFS9	125 x 75 x 98 x 86 x 20,6 mm	1	20

Microswitch - Modelo ASV

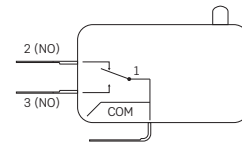
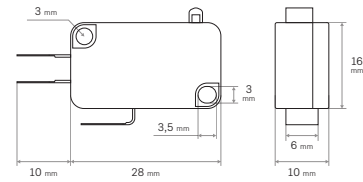
- High mechanical resistance PBT casing
- Sealed actuators and bodies
- Long mechanical life
- Side fixing
- Actuator type: Lever actuator



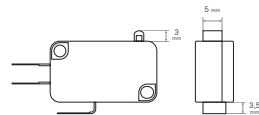
ASLO offers a variety of actuators for a wide range of applications, with a high switching capacity of 15A and high repetition accuracy. Widely used in domestic appliances, electronic equipment, automatic machines, communication equipment, various devices and instruments.

Characteristics

- › Operating voltage: **250V AC**
- › Operating voltage: **125V DC**
- › Rated current: **15A/ 0,5A**
- › Operating speed: **0,01mm a 1m/s**
- › Insulation resistance (above mΩ): **100 (at 500V DC)**
- › Contact resistance (below mΩ): **15 (initial)**
- › Impact: **20G 200m/s**
- › Mechanical operating cycles: **10 000 000**
- › Electrical operating cycles: **100 000**
- › Ambient temperature (°C): **-25° ~105°**
- › Maximum humidity: **85% RH**

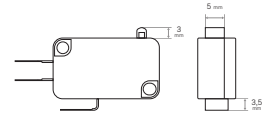


Leaf lever microswitch



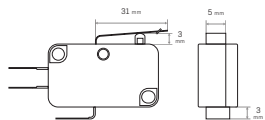
REF.	I (A)		
ASV1511C25	16(5)A	1	100

Pin plunger microswitch



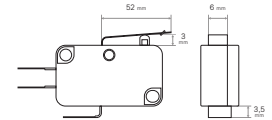
REF.	I (A)		
ASV151C25	15A	1	100

Short leaf lever microswitch



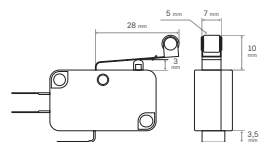
REF.	I (A)		
ASV1521C25	15A	1	100

Long leaf lever microswitch



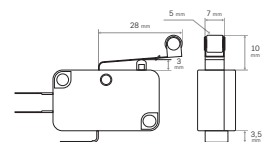
REF.	I (A)		
ASV1531C25	15A	1	100

Short roller lever microswitch



REF.	I (A)		
ASV1551C25	15A	1	100

Long roller lever microswitch



REF.	I (A)		
ASV1561C25	15A	1	100

Microswitch - AS15 model

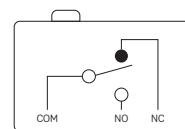
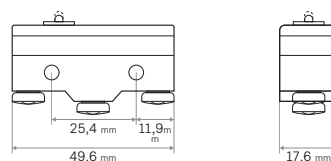
- Metal casing with high mechanical resistance
- Sealed actuators and body
- Long mechanical life
- Side fixing



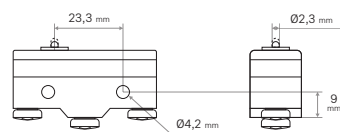
ASLO offers a variety of actuators for a wide range of applications, with a large switching capacity of 15A and high repetition accuracy. The contact mechanism of the micro-load models is of the crossbar type with gold alloy contacts, which ensures highly reliable operation for microloads.

Characteristics

- › Operating voltage: **250V AC**
- › Rated current: **15A**
- › Velocidade de operação: **0,01mm a 1m/s**
- › Isolation resistance (above mΩ): **100 (a 500V DC)**
- › Contact resistance (below mΩ): **20 (initial)**
- › Actuator type: **Pin ambulator**
- › Non-contact bearing voltage: **1000V AC for 1 min**
- › Bearing voltage - parts with and without current: **2000V AC for 1 min**
- › Impact: **40G 400m/s**
- › Mechanical operating cycles: **20 000 000**
- › Electrical operating cycles: **500 000**
- › Ambient temperature (°C): **-25° ~ +80°**
- › Maximum humidity: **85% RH**

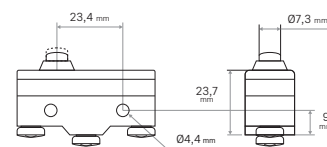


Pin plunger microswitch



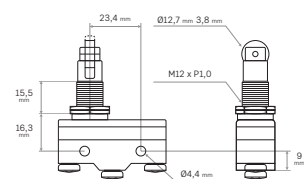
REF.	I(A)		
AS15GB	15A	1	20

Short spring plunger microswitch



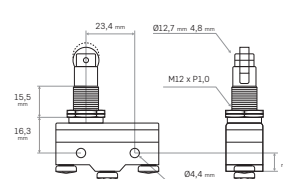
REF.	I(A)		
AS15GDB	15	1	20

Roller plunger microswitch



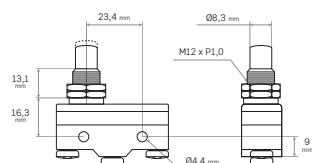
REF.	I(A)		
AS15GQ21B	15A	1	20

Panel-mount roller plunger microswitch



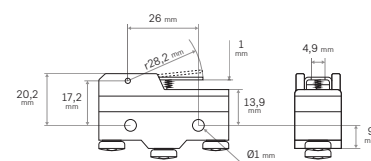
REF.	I(A)		
AS15GQ22B	15A	1	20

Panel-mount plunger microswitch



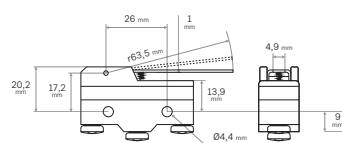
REF.	I(A)		
AS15GQB	15A	1	20

Short hinge lever microswitch



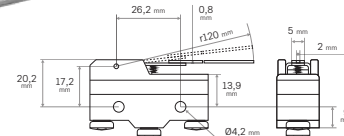
REF.	I(A)		
AS15GW21B	15A	1	20

Medium hinge lever microswitch



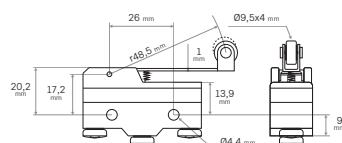
REF.	I(A)		
AS15GWB	15A	1	20

Long hinge lever microswitch



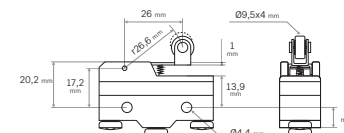
REF.	I(A)		
AS15GW24B	15A	1	20

Medium roller lever microswitch



REF.	I(A)		
AS15GW2B	15A	1	20

Short roller lever microswitch



REF.	I(A)		
AS15GW22B	15A	1	20

Limit switch - SKT model

- Capable of switching currents up to 10A
- Mechanical durability up to 15 million operations



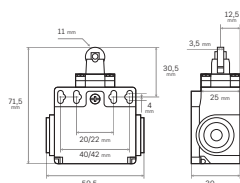
ASKO offers a range of limit switches, designed to offer quality and compatibility, with a universal and flexible mounting design. They adapt perfectly to a variety of applications in any environment.

Characteristics

- Type of product or component: **Safety circuit breaker**
- Type of body: **Fixed**
- Type of head: **Plunger head**
- Head movement in operation: **Linear**

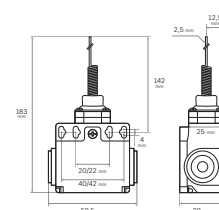
- Cable entrance: **PG11**
- Number of cable entrances: **2**
- Rated operating current (Ie): **3A at 240A, CA-15, A300**
0,27A at A250A, CC-13, Q300
- Conventional thermal current in isolation (Ithe): **10A**
- Rated insulation voltage (Ui): **500V AC**
- Rated impulse withstand voltage (Uimp): **6kV**

Roller lever limit switch



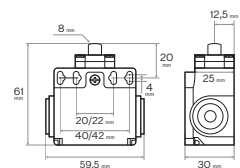
REF.	I(A)	Actuator height		
ASKT102	3A	20mm	1	100

Flexible rod limit switch



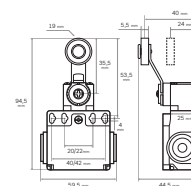
REF.	I(A)	Actuator height		
ASKT106	3A	130mm	1	100

Plunger limit switch



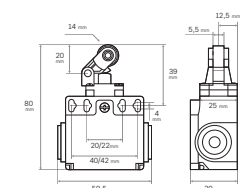
REF.	I(A)	Actuator height		
ASKT110	3A	5mm	1	100

Thermoplastic roller lever limit switch



REF.	I(A)	Actuator height		
ASKT118	3A	25mm	1	100

Thermoplastic roller lever limit switch with sensor



REF.	I(A)	Actuator height		
ASKT121	3A	25mm	1	100

Limit switch - SKP Model

- Metal casing with high mechanical resistance
- Sealed actuators and body
- Long mechanical life
- Side fixing

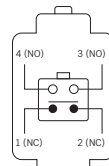


ASLO offers a range of limit switches, designed to offer quality and compatibility, with a universal and flexible mounting design. They adapt perfectly to a variety of applications in any environment.

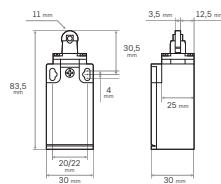
Characteristics

- > Type of operation: **380V AC**
- > Rated current: **10A**
- > Operating speed: **1m/s to 0,5 m/s**
- > Resistance of insulation (above mΩ): **100**
- > Resistance to contact (mΩ): **25 (max.)**
- > Actuator type: **Pulley puller**
- > Non-contact bearing voltage: **1000V AC for 1 min**
- > Bearing voltage - parts w/ and without current: **2000V AC for 1 min**

- > Impact: **40G 400m/s**
- > Mechanical operating cycles: **20 000 000**
- > Electrical operating cycles: **500 000**
- > Ambient temperature (°C): **-25° ~ +80°**
- > Maximum humidity: **85% RH**
- > IP rating: **IP65**
- > Insulation class: **Double insulated**

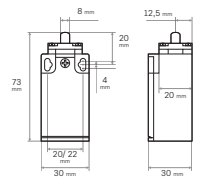


Roller lever limit switch



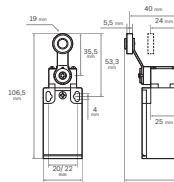
REF.	I(A)	Actuator height		
ASKP102	3A	120mm	1	100

Straight metal plunger limit switch



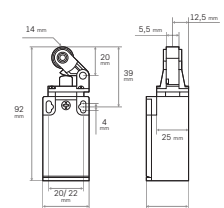
REF.	I(A)	Actuator height		
ASKP110	3A	20mm	1	100

Angular roller lever microswitch



REF.	I(A)	Actuator height		
ASKP118	3A	20mm	1	100

Thermoplastic straight roller lever limit switch

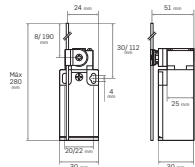


REF.	I(A)	Actuator height		
ASKP121	3A	23mm	1	100

Limit switches - SKP Model



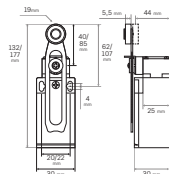
Adjustable rod limit switch



REF.	I(A)	Actuator height		
ASKP155	3A	20mm	1	100



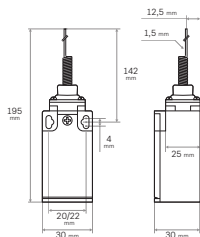
Adjustable roller lever limit switch



REF.	I(A)	Actuator height		
ASKP145	3A	45-70mm	1	100



Flexible rod limit switch for multi-directional movement



REF.	I(A)	Actuator height		
ASKP106	3A	20mm	1	100

Limit switch SKJ model

- Metal box, IP66
- Capable of switching currents up to 10A
- Mechanical durability up to 30 million operations

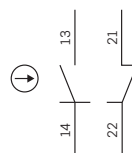


ASJO offers a range of limit switches designed to offer quality and compatibility, with a universal and flexible mounting design. They adapt perfectly to a wide variety of applications in any environment.

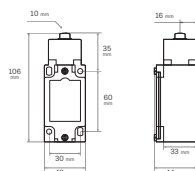
Characteristics

- > Type of product or component: **Safety circuit breaker**
- > Type of body: **Fixed**
- > Type of head: **Actuator head**
- > Method of fixing: **By the casing**
- > Head movement in operation: **Linear**
- > Cable entrance: **PG11**
- > Type of operator: **Metal spring return plunger (height 25mm)**
- > Rated operating current (Ie): **3A at 240V, CA-15, A300**
0,27A at 250V, CC-13, Q300
- > Conventional thermal current in isolation (Ithe): **10A**
- > Rated insulation voltage (Ui): **500V AC**

- > Rated impulse withstand voltage (Uimp): **6kV**
- > Mechanical durability of cycles: **30 000 000**
- > Ambient temperature (°C): **-25° ~ +70°**
- > Maximum humidity: **85% RH**
- > IP rating: **IP66**
- > Insulation class: **II**

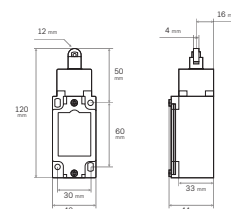


Steel plunger limit switch



REF.	I(A)	Actuator height	1	50
ASKJ161	3A	25mm	1	50

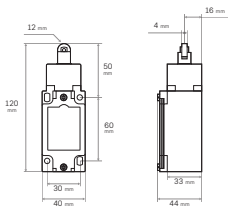
Steel roller plunger limit switch



REF.	I(A)	Actuator height	1	50
ASKJ167	3A	23mm	1	50

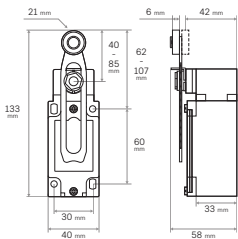
Limit switches - SKJ model

Angular thermoplastic roller lever limit switch



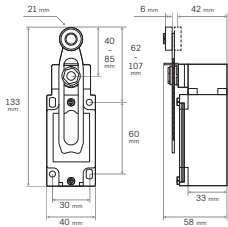
REF.	I(A)	Actuator height		
ASKJ10511	3A	25mm	1	50

Adjustable thermoplastic roller lever limit switch



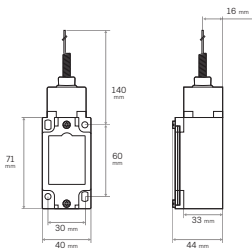
REF.	I(A)	Actuator height		
ASKJ10541	3A	27-70mm	1	50

Roller lever limit switch



REF.	I(A)	Actuator height		
ASKJ121	3A	35mm	1	50

Coil spring limit switch



REF.	I(A)	Actuator height		
ASKJ108	3A	115mm	1	50

Limit switch - SKM model

- Metal box, IP66
- Capable of switching currents up to 10A
- Mechanical durability up to 30 million operations



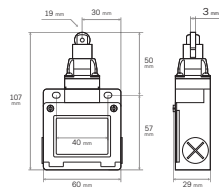
ASLO offers a range of limit switches designed to offer quality and compatibility, with a universal and flexible mounting design. They adapt perfectly to a variety of applications in any environment.

Characteristics

- > Type of product or component: **Limit switch**
- > Type of body: **Fixed**
- > Type of head: **Plunger**
- > Method of fixing: **By the casing**
- > Head movement in operation: **Linear**
- > Cable entrance: **PG11**

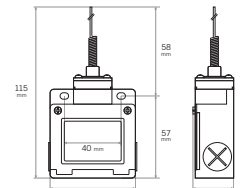
- > Type of operator: **Metal spring return plunger**
- > Rated operating current (I_e): **3A at 240V, CA-15, A300 0,27A at 250V, CC-13, Q300**
- > Conventional thermal current in isolation (I_{the}): **10A**
- > Rated insulation voltage (U_i): **500V AC**
- > Rated impulse withstand voltage (U_{imp}): **6kV**
- > Mechanical durability of cycles: **15 000 000**
- > Ambient temperature (°C): **-25° ~ +70°**
- > IP rating: **IP66**
- > Insulation class: **II**

Roller plunger limit switch



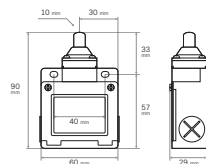
REF.	I(A)		
ASKM102	3A	1	100

Roller plunger limit switch



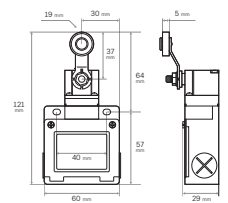
REF.	I(A)	Actuator height		
ASKM106	3A	130mm	1	100

Plunger limit switch



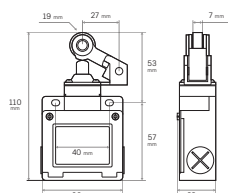
REF.	I(A)		
ASKM110	3A	1	100

Thermoplastic roller lever limit switch



REF.	I(A)		
ASKM115	3A	1	100

Thermoplastic roller lever limit switch with sensor



REF.	I(A)		
ASKM121	3A	1	100



Plastic fan

DC 24V | Ball



Characteristics:

- > No-load rotation speed: 2700 rpm (157m³/h)
- > Noise: 41 dB
- > I(A): 0,25A
- > Rated power 6W

REF.	Dimensions		
ASVY2412PTB2	120 x 120 x 25 mm	1	40



Ventilador Plastic

DC 24V | Ball



Characteristics:

- > No-load rotation speed: 2000 rpm
- > Noise: 22 dB
- > I(A): 0,06A

REF.	Dimensions		
ASVY2408PHB3	80 x 80 x 15 mm	1	100



Ventilador Plastic
DC 24V | Ball



- Characteristics:**
- > No-load rotation speed: 3000 rpm (78,2m³/h)
 - > Noise: 40 dB
 - > I(A): 0,1A
 - > Rated power 2,4W

REF.	Dimensions		
ASVY2409PHB3	80 x 80 x 25 mm	1	100



Ventilador Plastic
230V | Ball



- Characteristics:**
- > No-load rotation speed: 2500 rpm (112m³/h)
 - > Noise: 39 dB
 - > I(A): 0,13A
 - > Rated power 23W

REF.	Dimensions		
ASV12025H02S	120 x 120 x 25 mm	1	40



Ventilador Plastic
230V | Sleeve/ Ball



- | | |
|--|---|
| Characteristics: | Sleeve: |
| Ball: | > No-load rotation speed:: 2450 rpm (155m³/h) |
| > No-load rotation speed: 2600 rpm (168m³/h) | > Noise: 38 dB |
| > Noise: 38 dB | > I (A): 0,16A |
| > I(A): 0,18A | > Rated power 16W |
| > Rated power 25W | |

REF.	Dimensions		
ASV12038MA2B7	Ball	120 x 120 x 38 mm	1 40
ASV12038MA2S7	Sleeve	120 x 120 x 38 mm	1 40



Ventilador Plastic
230V | Ball



- Characteristics:**
- > No-load rotation speed: 2700 rpm (323m³/h)
 - > Noise: 54 dB
 - > I(A): 0,22A
 - > Rated power 34W

REF.	Dimensions		
ASV1750HA2B	172 x 150 x 51 mm	1	24



Ventilador Plastic
230V | Sleeve



- Characteristics:**
- > No-load rotation speed: 2300 rpm (32m³/h)
 - > Noise: 27 dB
 - > I(A): 0,09A
 - > Rated power 15W

REF.	Dimensions		
ASV8025HA2S	80 x 80 x 25 mm	1	100



Ventilador Plastic
230V | Ball



- Characteristics:**
- > No-load rotation speed: 2550 rpm (39,1m³/h)
 - > Noise: 28 dB
 - > I(A): 0,06A
 - > Rated power 9,5W

REF.	Dimensions			
ASV8038HA2B	80 x 80 x 38 mm		1	60



Ventilador Plastic
230V | Sleeve/ Ball



- Characteristics:**
- > No-load rotation speed: 2700 rpm (47,6m³/h)
 - > Noise: 30 dB
 - > I(A): 0,07A
 - > Rated power: 14W

REF.		Dimensions		
ASVT8038HA2B	Ball	80 x 80 x 38 mm	1	60
ASVT8038HA2S	Sleeve	80 x 80 x 38 mm	1	60



Ventilador metálico
230V | Ball



- Characteristics:**
- > No-load rotation speed: 2600 rpm (180m³/h)
 - > Noise: 46 dB
 - > I(A): 0,11A
 - > Rated power 19W

REF.	Dimensions			
ASVT12038HA2B	120 x 120 x 38 mm		1	40

Accessories
for fans



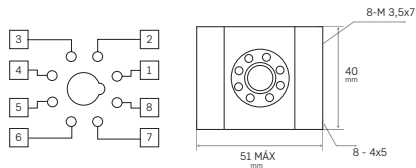
Reference	ASGM080	ASGM120
Designation	Metal fan guard	Metal fan guard
Dimensions	80 x 80 mm	120 x 120 mm



Reference	ASGPF80	ASGPF120	ASGPF172
Designation	Plastic fan guard	Plastic fan guard	Plastic fan guard
Dimensions	80 x 80 x 10 mm	120 x 120 x 10 mm	172 x 150 x 10 mm

Relay socket

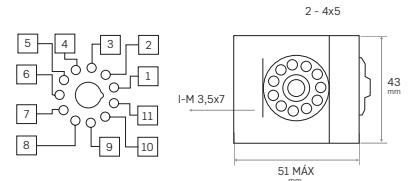
8 pins



REF.	Rated voltage	I(A)		
ASF083AE	250V AC	10A	1	20

Relay socket

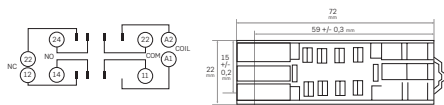
11 pins



REF.	Rated voltage	I(A)		
ASF113A	250V AC	10A	1	20

Relay socket

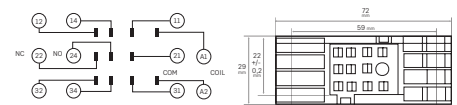
ASM2



REF.	Rated voltage	I(A)		
ASYF08A	300V AC	7A	1	20

Relay socket

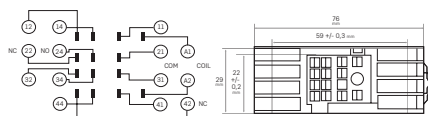
ASM3



REF.	Rated voltage	I(A)		
ASYF11A	300V AC	10A	1	20

Relay socket

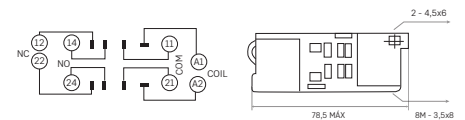
ASM4



REF.	Rated voltage	I(A)		
ASYF14AE	240V AC	10A	1	20

Relay socket

ASL2



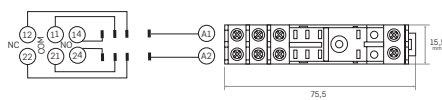
REF.	Rated voltage	I(A)		
ASTF08A	240V AC	15A	1	20

Mini-relay socket

ASX contacts



Characteristics:
 > RT626-B

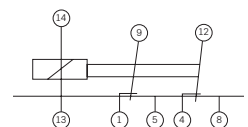


REF.	Rated voltage	I(A)		
ASRT626B	300V AC	10A	1	20

Mini timer

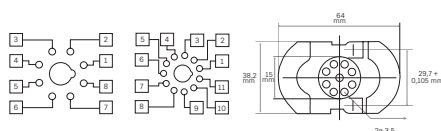


Characteristics:
 > RT626-B
 > I(A): 5A



REF.	Rated voltage		
AS3Y207AC	0-120s	24 V AC	1 10
AS3Y208AC	0-10m	24 V AC	1 10
AS3Y210AC	0-30m	24 V AC	1 10
AS3Y212AC	0-60m	24 V AC	1 10
AS3Y232AC	0-60m	230 V AC	1 10
AS3Y208DC	0-10m	24 V DC	1 10
AS3Y212DC	0-60m	24 V AC	1 10

Relay socket



REF.	Rated voltage	I(A)		
AS9022	8 Pins	230V AC	10A	1 20
AS9023	11 Pins	230V AC	10A	1 20

Siren

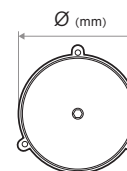


Industrial bell



Characteristics:

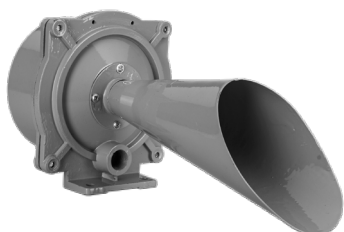
- > Un: $\pm 10\%$
- > Insulation: $> / = 20\text{m } \Omega$
- > Frequency: 50/60 Hz



REF.	Rated voltage	Rated power	Noise (1min.)	Ø		
ASUC455A5	12V	10W	65dB	55 mm	1	100
ASUC455M5	230V	10W	65dB	55 mm	1	100
ASUC475A5	12V	10W	70dB	75 mm	1	30
ASUC475B5	24V	10W	70dB	75 mm	1	30
ASUC475M5	230V	10W	70dB	75 mm	1	30
ASUC4100A5	12V	20W	75dB	100 mm	1	20
ASUC4100B5	24V	20W	75dB	100 mm	1	20
ASUC4100M5	230V	20W	75dB	100 mm	1	20
ASUC4150A5	12V	25W	78dB	150 mm	1	20
ASUC4150M5	230V	25W	78dB	150 mm	1	20
ASUC4200M5	230V	30W	80dB	200 mm	1	10
ASUC4250M5	230V	35W	85dB	250 mm	1	30

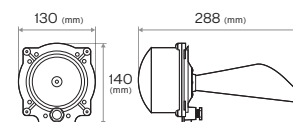
Colourneta

DJ11



Characteristics:

- > 1 tone
- > Frequency: 50/60 Hz
- > dB: energy dissipation: 40VA
- > Max continuous time: 5 min



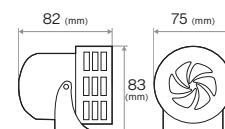
REF.	Rated voltage	Noise (1min.)		
ASDDJ11B5	24V AC	90dB	1	12
ASDDJ11M5	230V AC	90dB	1	12

Sirene



Characteristics:

- > Bearable voltage: 500V AC for 1 minute
- > Frequency: 50/60 Hz
- > Material: Metal
- > Rated power 40W
- > IP rating: IP44



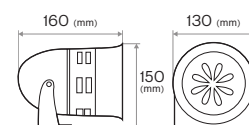
REF.	Rated voltage	Rated power	Noise (1min.)		
ASMSA5AC	12V AC	40W	114dB	1	40
ASMSA5DC	12V DC	40W	114dB	1	40
ASMSB5AC	24V AC	40W	114dB	1	40
ASMSM5AC	230V AC	40W	114dB	1	40

Sirene



Characteristics:

- > Bearable voltage: 500V AC for 1 minute
- > Frequency: 50/60 Hz
- > Material: Metal e ABS
- > Rated power: 40W
- > IP rating: IP44

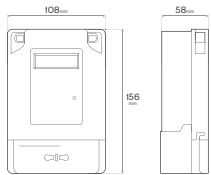


REF.	Rated voltage	Noise (1min.)		
ASMS290A5AC	12V AC	110dB	1	24
ASMS290B5AC	24V AC	110dB	1	24
ASMS290B5DC	24V DC	110dB	1	24
ASMS290M5AC	230V AC	110dB	1	24

Single-phase digital energy meter

Characteristics:

- › Electronic/ single-phase
- › Rated voltage: 240V AC
- › Frequency: 50/60 Hz
- › Current intensity: min. 10 (max. 40) A
- › Pulse rate: 1600kWh
- › Ambient operating temp.: -25° ~+ 55°C
- › Type of display: Digital
- › Display: LCD
- › Precision class: I and II

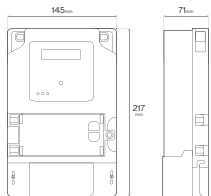


REF.		
ASDDS3666	1	20

Three-phase digital energy meter

Characteristics:

- › Eletrónico/ trifásico
- › Rated voltage: 3 x 240/400V AC
- › Frequency: 50/60 Hz
- › Current intensity: 10 A
- › Pulse rate: 1600kWh
- › Ambient operating temp.: -25° ~+ 55°C
- › Type of display: Digital
- › Display: LCD
- › Precision class: I and II



REF.		
ASDTS3666	1	10

Single-phase energy meter

Characteristics:

- › Rated voltage: 230V AC
- › Frequency: 50Hz
- › Current intensity: 15 (30) A
- › Mechanical recording
- › Precision class: I

REF.	Colour	Dimensions (L x A x P)		
ASDD862PT	●	125 x 165 x 115 mm	1	12
ASDD862TP	○	125 x 165 x 115 mm	1	12

Three-phase energy meter

Characteristics:

- › Rated voltage: 3x230/ 400V AC
- › Current intensity: 3 x 30 (60) A
- › Mechanical recording
- › Precision class: I

REF.	Colour	Dimensions (L x A x P)		
ASDT862PT	●	175 x 275 x 120 mm	1	6
ASDT862TP	○	175 x 275 x 120 mm	1	6



RESIDENTIAL

EUROPA

Series

2020



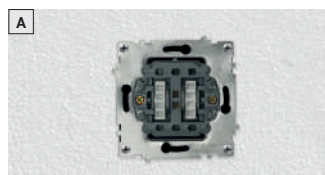
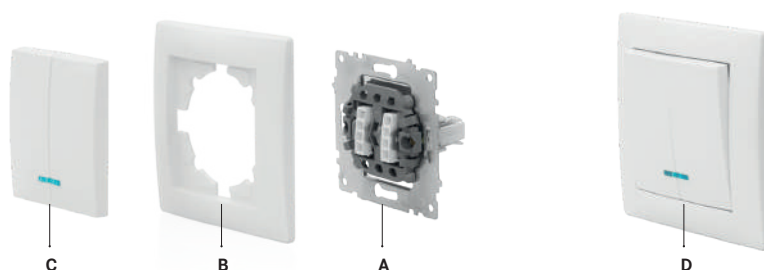
EUROPA Series 2020

- Timeless design ○ 18 functions ○ Available in 3 colours: White, ivory and aluminium
- More than 50 combinations ○ Complete assembly



Characteristics:

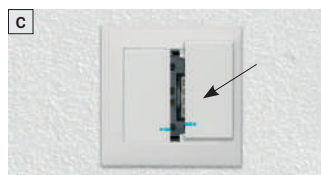
- > Vertical or horizontal fitting system (multiple posts)
- > LED light incorporated in the light mechanisms
- > Double claws protected in the neutral position for greater safety



Mechanism application
MECAN 2020 series



Application of
switch plate



Application of button
or centre



Complete
assembly

1 gang 2 way switch



Characteristics:

- > Complete assembly

> Rated voltage: 250V AC

> Current intensity: 10A

REF.	Colour		
ASE202001BRC	○ White	10	120
ASE202001MFC	● Ivory	10	120
ASE202001ALC	● Aluminium	10	120

1 gang double-pole switch



Characteristics:

- > Complete assembly

> Rated voltage: 250V AC

> Current intensity: 10A

REF.	Colour		
ASE202002BRC	○ White	10	120
ASE202002MFC	● Ivory	10	120
ASE202002ALC	● Aluminium	10	120



1 gang 2 way switch with LED indicator

Characteristics:

> Complete assembly

> Rated voltage: 250V AC

> Current intensity: 10A

REF.	Colour		
ASE202026BRC	○ White	10	120
ASE202026MFC	● Ivory	10	120
ASE202026ALC	● Aluminium	10	120



2 gang 1 way switch

Characteristics:

> Complete assembly

> Rated voltage: 250V AC

> Current intensity: 10A

REF.	Colour		
ASE202005BRC	○ White	10	120
ASE202005MFC	● Ivory	10	120
ASE202005ALC	● Aluminium	10	120



2 gang 1 way switch with LED indicator

Characteristics:

> Complete assembly

> Rated voltage: 250V AC

> Current intensity: 10A

REF.	Colour		
ASE202096BRC	○ White	10	120
ASE202096MFC	● Ivory	10	120
ASE202096ALC	● Aluminium	10	120



2 gang 2 way switch

Characteristics:

> Complete assembly

> Rated voltage: 250V AC

> Current intensity: 10A

REF.	Colour		
ASE202008BRC	○ White	10	120
ASE202008MFC	● Ivory	10	120
ASE202008ALC	● Aluminium	10	120



1 gang intermediate switch

Characteristics:

> Complete assembly

> Rated voltage: 250V AC

> Current intensity: 10A

REF.	Colour		
ASE202007BRC	○ White	10	120
ASE202007MFC	● Ivory	10	120
ASE202007ALC	● Aluminium	10	120



Push button

Characteristics:

> Complete assembly

> Rated voltage: 250V AC

> Current intensity: 10A

REF.	Colour		
ASE202011BRC	○ White	10	120
ASE202011MFC	● Ivory	10	120
ASE202011ALC	● Aluminium	10	120

Push button for doorbell



- Characteristics:**
- › Complete assembly
 - › Rated voltage: 250V AC
 - › Current intensity: 10A

REF.	Colour		
ASE202015BRC	○ White	10	120
ASE202015MFC	● Ivory	10	120
ASE202015ALC	● Aluminium	10	120

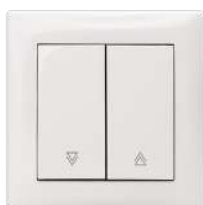
Push button (NA) with LED indicator



- Characteristics:**
- › Complete assembly
 - › Rated voltage: 250V AC
 - › Current intensity: 10A

REF.	Colour		
ASE202013BRC	○ White	10	120
ASE202013MFC	● Ivory	10	120
ASE202013ALC	● Aluminium	10	120

Roller shutter switch



- Characteristics:**
- › Complete assembly
 - › Rated voltage: 250V AC
 - › Current intensity: 10A

REF.	Colour		
ASE202004BRC	○ White	10	120
ASE202004MFC	● Ivory	10	120
ASE202004ALC	● Aluminium	10	120

Roller shutter switch



- Characteristics:**
- › Complete assembly
 - › Rated voltage: 250V AC
 - › Current intensity: 10A

REF.	Colour		
ASE202009BRC	○ White	10	120
ASE202009MFC	● Ivory	10	120
ASE202009ALC	● Aluminium	10	120

Dimmer switch



- Characteristics:**
- › Complete assembly
 - › Rated power 600 W
 - › Rated voltage: 230V AC

REF.	Colour		
ASE202018BRC	○ White	10	120
ASE202018MFC	● Ivory	10	120
ASE202018ALC	● Aluminium	10	120

Socket with shutters

2P



- Characteristics:**
- › Complete assembly
 - › Rated voltage: 250V AC
 - › Current intensity: 16A

REF.	Colour		
ASE202016BRC	○ White	10	120
ASE202016MFC	● Ivory	10	120
ASE202016ALC	● Aluminium	10	120



Schuko socket with shutters

2P

Characteristics:

> Complete assembly

> Rated voltage: 250V AC

> Current intensity: 16A

REF.	Colour		
ASE202021BRC	○ White	10	120
ASE202021MFC	● Ivory	10	120
ASE202021ALC	● Aluminium	10	120



Schuko socket with shutters and cover

2P + E

Characteristics:

> Complete assembly

> Rated voltage: 250V AC

> Current intensity: 16A

REF.	Colour		
ASE202024BRC	○ White	10	120
ASE202024MFC	● Ivory	10	120
ASE202024ALC	● Aluminium	10	120



Mixed schuko socket with shutters

2P + E + USB

Characteristics:

> Complete assembly

> Rated voltage: 250V AC

> Current intensity: 16A

Saídas USB:

> Rated voltage: 5 V

> Current intensity: ≤ 2100 mA

REF.	Colour		
ASE202023BRC	○ White	10	120
ASE202023MFC	● Ivory	10	120
ASE202023ALC	● Aluminium	10	120



Double socket with shutters

2 x 2P

Characteristics:

> Complete assembly

> Rated voltage: 250V AC

> Current intensity: 16A

REF.	Colour		
ASE202017BR	○ White	10	120
ASE202017MF	● Ivory	10	120
ASE202017AL	● Aluminium	10	120



Tomada dupla tipo schuko com obturadores

2 x 2P + E

Characteristics:

> Complete assembly

> Rated voltage: 250V AC

> Current intensity: 16A

REF.	Colour		
ASE202022BR	○ White	8	96
ASE202022MF	● Ivory	8	96
ASE202022AL	● Aluminium	8	96

Single RJ45 socket



- Characteristics:**
- Complete assembly
 - Category: 6 UTP
 - Number of pins: 8

REF.	Colour		
ASE202042BRC	○ White	10	120
ASE202042MFC	● Ivory	10	120
ASE202042ALC	● Aluminium	10	120

Double RJ45 socket



- Characteristics:**
- Complete assembly
 - Category: 6 UTP
 - Number of pins: 2 x 8

REF.	Colour		
ASE202043BRC	○ White	10	120
ASE202043MFC	● Ivory	10	120
ASE202043ALC	● Aluminium	10	120

TV-R terminal socket



- Characteristics:**
- Complete assembly
 - Socket type: TV-R
 - Frequency: 5 - 862MHz
 - Terminal: ≤ 2,5 dB | 5 - 1000 MHz

REF.	Colour		
ASE202033BRC	○ White	10	120
ASE202033MFC	● Ivory	10	120
ASE202033ALC	● Aluminium	10	120

TV-R pass-through socket



- Characteristics:**
- Complete assembly
 - Socket type: TV-R
 - Frequency: 5 - 862MHz
 - Pass-through: ≤ 6 dB | 5 - 1000MHz

REF.	Colour		
ASE202034BRC	○ White	10	120
ASE202034MFC	● Ivory	10	120
ASE202034ALC	● Aluminium	10	120



MECAN 2020 series - Control devices

EUROPA 2020 series - Rockers



Push button 10A - 250V

REF.		
ASM202011	10	120



1-gang rocker with bell symbol

REF.	Colour		
ASE202015BR	○ White	30	360
ASE202015MF	● Ivory	30	360
ASE202015AL	● Aluminium	30	360



Push button (NA) w/ LED indicator 10A - 250V

REF.		
ASM202013	10	120



1-gang rocker

REF.	Colour		
ASE202001BR	○ White	30	360
ASE202001MF	● Ivory	30	360
ASE202001AL	● Aluminium	30	360



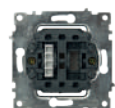
1 gang 2 way switch 10A - 250V

REF.		
ASM202001	10	120



1-gang rocker with indicator light

REF.	Colour		
ASE202002BR	○ White	30	360
ASE202002MF	● Ivory	30	360
ASE202002AL	● Aluminium	30	360



1 gang 2 way switch 10A - 250V

REF.		
ASM202026	10	120



1-gang rocker

REF.	Colour		
ASE202001BR	○ White	30	360
ASE202001MF	● Ivory	30	360
ASE202001AL	● Aluminium	30	360



2 gang 2 way switch 10A - 250V

REF.		
ASM202008	10	120



1-gang rocker with indicator light

REF.	Colour		
ASE202002BR	○ White	30	360
ASE202002MF	● Ivory	30	360
ASE202002AL	● Aluminium	30	360



2 gang 1 way switch 10A - 250V

REF.		
ASM202005	10	120



2-gang rocker

REF.	Colour		
ASE202011BR	○ White	30	360
ASE202011MF	● Ivory	30	360
ASE202011AL	● Aluminium	30	360



2 gang 1 way switch w/ LED indicator 10A - 250V

REF.		
ASM202096	10	120



2-gang rocker with indicator light

REF.	Colour		
ASE202012BR	○ White	30	360
ASE202012MF	● Ivory	30	360
ASE202012AL	● Aluminium	30	360



1 gang intermediate switch 10A - 250V

REF.		
ASM202007	10	120



1-gang rocker for intermediate switch

REF.	Colour		
ASE202007BR	○ White	30	360
ASE202007MF	● Ivory	30	360
ASE202007AL	● Aluminium	30	360



Roller shutter switch 10A - 250V

REF.		
ASM202004	10	120



2-gang rocker for roller shutter switch

REF.	Colour		
ASE202013BR	○ White	30	360
ASE202013MF	● Ivory	30	360
ASE202013AL	● Aluminium	30	360



Roller shutter switch 10A - 250V

REF.		
ASM202009	10	120



Dimmer switch 10A - 250V

REF.		
ASM202018	10	120



Faceplate for dimmer switch

REF.	Colour		
ASE202018BR	○ White	16	360
ASE202018MF	● Ivory	16	360
ASE202018AL	● Aluminium	16	360

Mechanisms and buttons

MECAN 2020 series - Sockets



Socket 2P 16A - 250V

REF.		
ASM202016	10	120



Schuko socket 2P+E 16A - 250V

REF.		
ASM202021	10	120



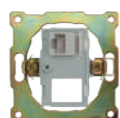
Mixed schuko socket 16A - 250V / 2xUSB

REF.		
ASM202023	10	120



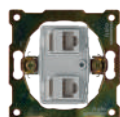
French socket 16A - 250V

REF.		
ASM202025	10	120



1x RJ45 socket 16A - 250V

REF.		
ASM202042	10	120



Double RJ45 socket 16A - 250V

REF.		
ASM202043	10	120



Cable outlet 16A - 250V

REF.		
ASM202047	10	120



Fibre optic socket SC/APC 16A - 250V

REF.		
ASM202044	10	120



TV-R terminal socket 2400MHZ

REF.		
ASM202033	10	120



TV-R pass-through socket 2400MHZ

REF.		
ASM202034	10	120

EUROPA 2020 series - Centres

Simple 2P faceplate with shutters

REF.	Colour		
ASE202016BR	○ White	20	240
ASE202016MF	● Ivory	20	240
ASE202016AL	● Aluminium	20	240



2P+E schuko faceplate with shutters

REF.	Colour		
ASE202021BR	○ White	16	192
ASE202021MF	● Ivory	16	192
ASE202021AL	● Aluminium	16	192



2P+E schuko faceplate with cover and shutters

REF.	Colour		
ASE202024BR	○ White	10	120
ASE202024MF	● Ivory	10	120
ASE202024AL	● Aluminium	10	120



Faceplate for 2 P+T / 2X USB sockets

REF.	Colour		
ASE202023BR	○ White	20	240
ASE202023MF	● Ivory	20	240
ASE202023AL	● Aluminium	20	240



Faceplate for French mixed socket

REF.	Colour		
ASE202025BR	○ White	20	240
ASE202025MF	● Ivory	20	240
ASE202025AL	● Aluminium	20	240



Faceplate for double RJ45 socket

REF.	Colour		
ASE202042BR	○ White	24	288
ASE202042MF	● Ivory	24	288
ASE202042AL	● Aluminium	24	288



Faceplate for double RJ45 socket

REF.	Colour		
ASE202043BR	○ White	24	288
ASE202043MF	● Ivory	24	288
ASE202043AL	● Aluminium	24	288



Faceplate for cable outlet

REF.	Colour		
ASE202047BR	○ White	24	288
ASE202047MF	● Ivory	24	288
ASE202047AL	● Aluminium	24	288



Faceplate for fibre optic socket

REF.	Colour		
ASE202044BR	○ White	48	576
ASE202044MF	● Ivory	48	576
ASE202044AL	● Aluminium	48	576



Faceplate for TV-R socket

REF.	Colour		
ASE202046BR	○ White	24	288
ASE202046MF	● Ivory	24	288
ASE202046AL	● Aluminium	24	288



Faceplate for TV-R-SAT socket

REF.	Colour		
ASE202045BR	○ White	24	288
ASE202045MF	● Ivory	24	288
ASE202045AL	● Aluminium	24	288





1 gang frame



REF.	Colour	Dimensions (L x A x P)		
ASE202051BR	○ White	85 x 85 x 8 mm	16	192
ASE202051MF	● Ivory	85 x 85 x 8 mm	16	192
ASE202051AL	● Aluminium	85 x 85 x 8 mm	16	192

1 gang frame for 2P+E/USB socket



REF.	Colour	Dimensions (L x A x P)		
ASE2020USBBR	○ White	85 x 85 x 8 mm	48	576
ASE2020USBMF	● Ivory	85 x 85 x 8 mm	48	576
ASE2020USBAL	● Aluminium	85 x 85 x 8 mm	48	576

2 gang frame



Characteristics:

› Can be installed vertically or horizontally

REF.	Colour	Dimensions (L x A x P)		
ASE202052BR	○ White	160 x 85 x 8 mm	20	240
ASE202052MF	● Ivory	160 x 85 x 8 mm	20	240
ASE202052AL	● Aluminium	160 x 85 x 8 mm	20	240

3 gang frame



Characteristics:

› Can be installed vertically or horizontally

REF.	Colour	Dimensions (L x A x P)		
ASE202053BR	○ White	230 x 85 x 8 mm	15	180
ASE202053MF	● Ivory	230 x 85 x 8 mm	15	180
ASE202053AL	● Aluminium	230 x 85 x 8 mm	15	180

4 gang frame



Characteristics:

› Can be installed vertically or horizontally

REF.	Colour	Dimensions (L x A x P)		
ASE202054BR	○ White	300 x 85 x 8 mm	12	144
ASE202054MF	● Ivory	300 x 85 x 8 mm	12	144
ASE202054AL	● Aluminium	300 x 85 x 8 mm	12	144

ATLÂNTICO

Series

2021



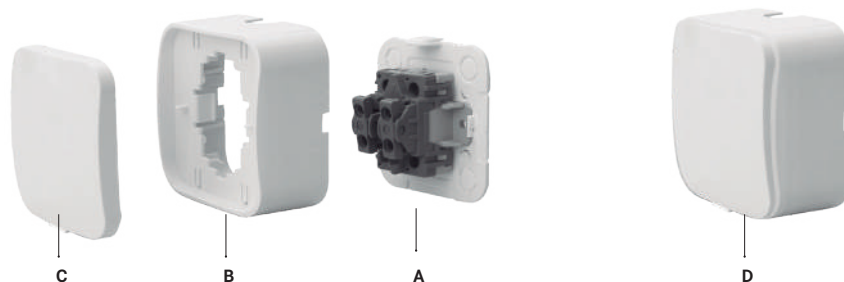
ATLÂNTICO 2021 Series

- Functionality and versatility ○ Modern design ○ Easy and safe installation ○ RAL 9010
- Ideal for protruding installations, commercial spaces, offices, home remodelling, etc



Characteristics:

- › Shiny finish
- › Smooth shapes
- › Protected contact mechanisms



Mechanism application
on the wall



Application of
switch plate



Application of button
or centre



Complete
assembly



1 gang 1 way switch

Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 10A

REF.	Dimensions (L x A x P)		
ASA202101	60 x 65 x 35 mm	16	192



1 gang 2 way switch

Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 10A

REF.	Dimensions (L x A x P)		
ASA202106	60 x 65 x 35 mm	16	192



2 gang 2 way switch

Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 10A

REF.	Dimensions (L x A x P)		
ASA202108	60 x 65 x 35 mm	16	192

2 gang 1 way switch


Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 10A

REF.	Dimensions (L x A x P)		
ASA202105	60 x 65 x 35 mm	16	192

Push button with bell symbol


Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 6A

REF.	Dimensions (L x A x P)		
ASA202115	60 x 65 x 35 mm	16	192

Socket with shutters 2P


Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A

REF.	Dimensions (L x A x P)		
ASA202116	60 x 65 x 35 mm	16	192

Schuko socket with shutters 2P + E


Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A

REF.	Dimensions (L x A x P)		
ASA202121	60 x 65 x 35 mm	16	192

Double socket with shutters 2 x 2P


Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A

REF.	Dimensions (L x A x P)		
ASA202117	105 x 60 x 30 mm	12	144



Double schuko socket with shutters

2 x 2P + E

Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A

REF.	Dimensions (L x A x P)		
ASA202122	105 x 65 x 40 mm	9	120



Terminal TV socket

REF.	Dimensions (L x A x P)		
ASA202134	60 x 65 x 35 mm	16	192



RJ45 socket

Characteristics:

- › Category: 6 UTP

REF.	Dimensions (L x A x P)		
ASA202142	60 x 65 x 35 mm	16	192



Square junction box

Characteristics:

- › With 4 x 2.5mm² connectors

REF.	Dimensions (L x A x P)		
ASQ508	65 x 55 x 25 mm	12	240



Adhesive cable duct

Characteristics:

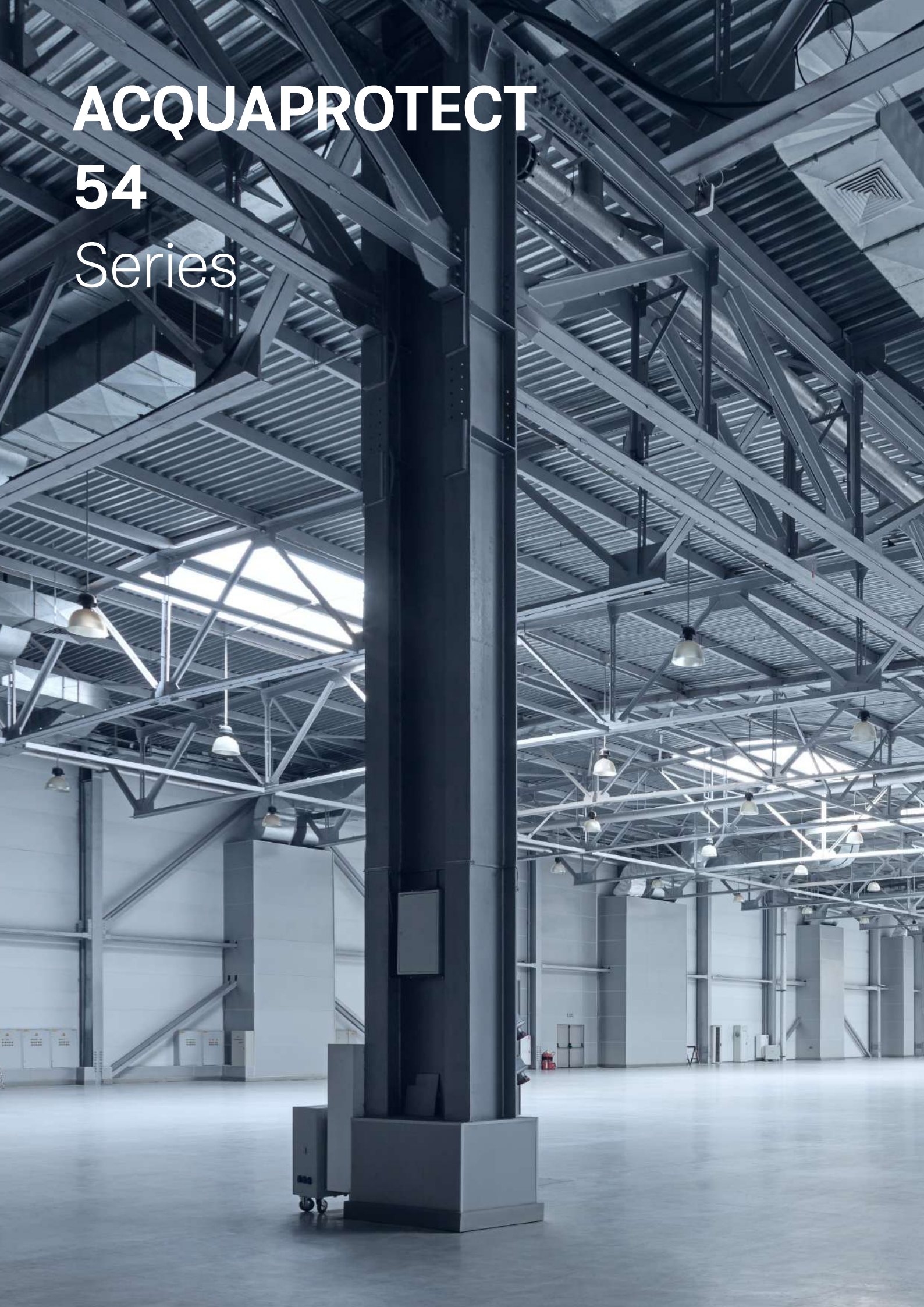
- › Material: Rigid PVC
- › Hardness: Shore D83
- › Density: 1.55 gr/cm³
- › RAL: 9010

REF.	Dimensions (L x A x P)		
ASCA127	2100 x 12 x 7 mm	120 m	120 m
ASCA1610	2100 x 16 x 10 mm	192 m	192 m
ASCA20125	2100 x 20 x 12,5 mm	120 m	120 m
ASCA3216	2100 x 20 x 12,5 mm	60 m	60 m

ACQUAPROTECT

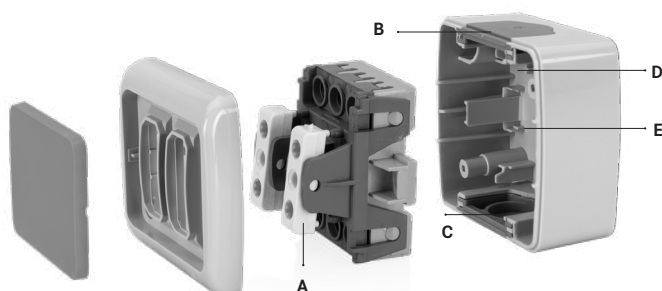
54

Series

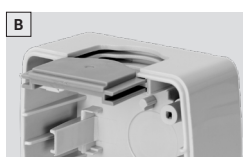


ACQUAPROTECT Series 54

- IP54 protection level ○ IK06 impact protection ○ Splash resistant
- UV protection ○ Material: Polycarbonate ○ RAL 7042 and RAL 7047
- Ideal for industrial installations, garages, outdoor environments, etc



Protected contact mechanisms



Direct entry of conductors after membrane perforation



Pre-cut for tubes from 12 to 20mm



Double socket mechanical clamping connectors



Pre-wired, connections are made by a single mechanism

1 gang 2 way switch

Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 10A

REF.		
ASAP5401CZ	10	120

2 gang 2 way switch

Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 10A

REF.		
ASAP5408CZ	10	120

1 gang intermediate switch

Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 10A

REF.		
ASAP5407CZ	10	120

Push button



- Characteristics:**
- > Rated voltage: 250V AC
 - > Current intensity: 10A

REF.		
ASAP5411CZ	10	120

Push button (NA) with LED indicator



- Characteristics:**
- > Rated voltage: 250V AC
 - > Current intensity: 10A

REF.		
ASAP5413CZ	10	120

Schuko socket with shutter
2P + E



- Characteristics:**
- > Rated voltage: 250V AC
 - > Current intensity: 16A

REF.		
ASAP5421CZ	10	120

Double schuko socket with shutter
2 x 2P + E



- Characteristics:**
- > Rated voltage: 250V AC
 - > Current intensity: 16A

REF.		
ASAP5422CZ	5	60

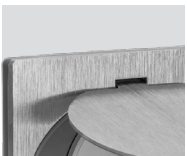
Floor/wall socket
2P + E



- Characteristics:**
- > Power: 3680 W under 230V - 50 Hz
 - > Rated voltage: 250V AC
 - > Current intensity: 16A
 - > IP rating: IP44
 - > IK rating: IK07



Protective rubber
Automatic terminals



Protective flap with
90° max. opening

REF.	Dimensions (L x A x P)		
ASFAMA	85 x 80 x 45 mm	1	16

Desk socket with sliding cover **NEW**

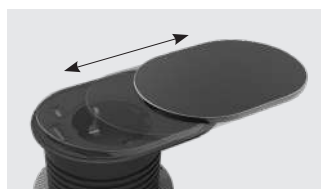
- Rated power max. 3680W ○ Current intensity: 16A
- IP rating: IP20



1xUSB A /
1xUSB C



Schuko socket:
250V AC 16A



Sliding
cover



Cable H05 VV-F
3G1.5mm² - 1.5m

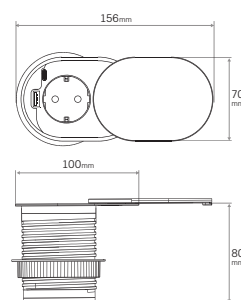
Desk socket with sliding cover **NEW**

2P + E + 16A | USB A + C



Characteristics:

- › Rated voltage: 250V AC
- › Cable H05 VV-F, 3G1,5mm² - 1,5m
- › Insulation class: I
- › USB-A (max. 18W): 5V-3A | 9V-2A | 12V-1,5A
- › USB-C (max. 20W): 5V-3A | 9V-2,2A | 12V-1,67A
- › USB A + C (max. 17W): 5V-3,4A



REF.

ASTED



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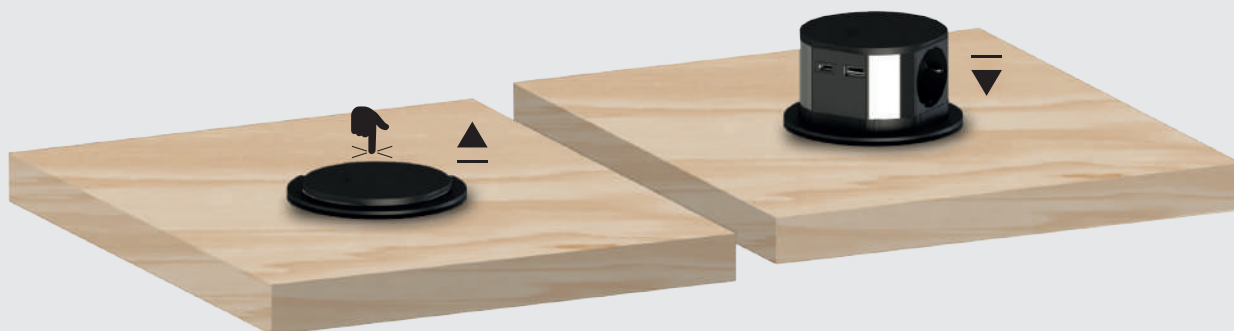


24



POP-UP desk socket **NEW**

- Rated power max. 3680W
- Current intensity: 16A
- IP rating: IP20



1xUSB A /
1xUSB C



3x Schuko sockets:
250V AC 16A



Wireless charging
(only in induction mode)



Cable H05 VV-F
3G1.5mm² - 1.5m

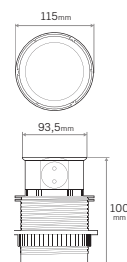
POP-UP socket **NEW**

2P + E | USB A+C



Characteristics:

- > Rated voltage: 250V AC
- > Cable H05 VV-F, 3G1,5mm² - 1,5m
- > Insulation class: I
- > USB-A (max. 18W): 5V-3A | 9V-2A | 12V-1,5A
- > USB-C (max. 20W): 5V-3A | 9V-2,2A | 12V-1,67A
- > USB A + C (max. 15W): 5V-3A



REF.

ASBTPUD

1 8

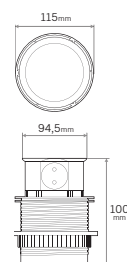
Bloco de tomadas POP-UP + Indução **NEW**

2P + E + 16A | USB A+C | Wireless charging - QC 3.0



Characteristics:

- > Rated voltage: 250V AC
- > Cable: H05 VV-F, 3G1,5mm² - 1,5m
- > Insulation class: I
- > Wireless charger: max. 10W
- > Supports QC3.0 (Quick Charge 3.0)
- > USB A + C: 5,0V-3,0A max. 15W | 9,0V-2,0A max. 18W | 12V-1,5A max. 18W



REF.

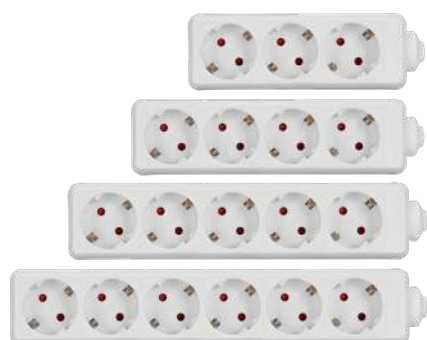
ASBTPUDI

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Power strip sem Cable without cable

2P + E



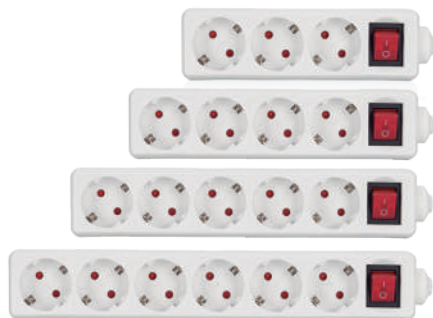
Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3680W
- › Can be fitted with 3G1.5mm² cable max.
- › Protected alveoli

REF.	Description	Dimensions (L x A x P)		
ASTT3SC	Triple	165 x 50 x 40 mm	10	50
ASTQ4SC	Quadruple	165 x 50 x 40 mm	10	50
ASTQ5SC	Quintuple	165 x 50 x 40 mm	10	50
ASTS6SC	Sextuple	165 x 50 x 40 mm	10	50

Power strip without cable with switch

2P + E



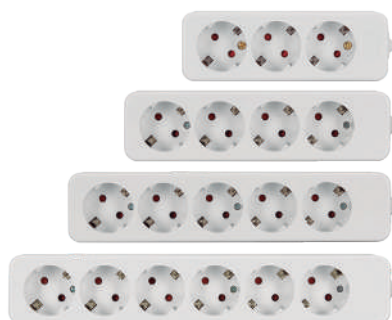
Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3680W
- › Can be fitted with 3G1.5mm² cable max.
- › Protected alveoli
- › Switch with indicator

REF.	Description	Dimensions (L x A x P)		
ASTT13SC	Triple	190 x 55 x 40 mm	10	50
ASTQ14SC	Quadruple	235 x 55 x 40 mm	10	50
ASTQ15SC	Quintuple	265 x 55 x 40 mm	10	50
ASTS16SC	Sextuple	320 x 55 x 40 mm	10	50

Power strip without cable

2P + E



Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3680W
- › Removable blocks for fixed and surface installation
- › Screw fixing
- › Can be fitted with 3G2.5mm² cable max.
- › Protected alveoli

REF.	Description	Dimensions (L x A x P)		
AS140	Triple	160 x 55 x 40 mm	10	50
AS140BL	Blister Triple	160 x 55 x 40 mm	1	-
AS420	Quadruple	210 x 55 x 45 mm	10	50
AS420BL	Blister Quadruple	210 x 55 x 45 mm	1	-
AS500	Quintuple	250 x 55 x 45 mm	10	50
AS500BL	Blister Quintuple	250 x 55 x 45 mm	1	-
AS600	Sextuple	290 x 55 x 40 mm	10	50

3-outlet power strip without switch2P + E | 3G1mm²**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 16A

- › Rated power: max. 2200W
- › Cable: H05 VV-F - 3G1mm²
- › Protected alveoli

REF.	Cable	Dimensions (L x A x P)		
ASET3115E	1,5 m	180 x 55 x 40 mm	1	30
ASET3	3 m	167 x 54 x 43,7 mm	1	40

3-outlet power strip with switch2P + E | 3G1mm²**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 2200W

- › Cable: H05 VV-F - 3G1mm²
- › Protected alveoli
- › Switch with indicator

REF.	Cable	Dimensions (L x A x P)		
ASETI3115E	1,5 m	210 x 55 x 55 mm	1	30

6-outlet power strip with switch2P + E | 3G1mm²**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 2200W

- › Cable: H05 VV-F - 3G1mm²
- › Protected alveoli
- › Switch with indicator

REF.	Cable	Dimensions (L x A x P)		
ASESI3115E	1,5 m	350 x 55 x 40 mm	1	20

3-outlet power strip without switch ^{NEW}2P + E | 3G1,5mm²**Characteristics:**

- › Rated power: max. 3500W
- › Current intensity: 16A

- › Cable: H05 VV-F - 3G1,5mm²
- › Protected alveoli

REF.	Cable	Dimensions (L x A x P)		
ASBT331515	1,5 m	150 x 40 x 50 mm	1	30
ASBT33153	3 m	150 x 40 x 50 mm	1	30
ASBT33155	5 m	150 x 40 x 50 mm	1	20

3-outlet power strip with switch ^{NEW}2P + E | 3G1,5mm²**Characteristics:**

- › Rated power: max. 3500W
- › Rated voltage: 250V AC
- › Current intensity: 16A

- › Cable: H05 VV-F - 3G1,5mm²
- › Protected alveoli
- › Switch with indicator

REF.	Cable	Dimensions (L x A x P)		
ASBT3I31515	1,5 m	220 x 55 x 55 mm	1	30
ASBT3I3153	3 m	220 x 55 x 55 mm	1	30
ASBT3I3155	5 m	220 x 55 x 55 mm	1	20

4-outlet power strip with switch **NEW**

2P + E | 3G1,5mm²



Characteristics:

- › Rated power: max. 3500W
- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Cable: H05 VV-F- 3G1,5mm²
- › Protected alveoli
- › Switch with indicator

REF.	Cable	Dimensions (L x A x P)		
ASBQ4I31515	1,5 m	250 x 55 x 40 mm	1	30
ASBQ4I3153	3 m	250 x 55 x 40 mm	1	30
ASBQ4I3155	5 m	250 x 55 x 40 mm	1	20

6-outlet power strip **NEW**

2P + E | 3G1,5mm²



Characteristics:

- › Rated power: max. 3500W
- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Cable: H05 VV-F- 3G1,5mm²
- › Protected alveoli
- › Switch with indicator

REF.	Cable	Dimensions (L x A x P)		
ASBS6I31515	1,5 m	330 x 55 x 40 mm	1	20
ASBS6I3153	3 m	330 x 55 x 40 mm	1	20
ASBS6I3155	5 m	330 x 55 x 40 mm	1	20

3-outlet power strip Plus with switch

2P + E | 3G1,5mm²



Characteristics:

- › Rated power: max. 3500W
- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Cable: H05 VV-F- 3G1,5mm²
- › Protected alveoli
- › Switch with indicator
- › Rotary hanging hook

REF.	Colour	Cable	Dimensions (L x A x P)		
ASETIPP1,5	●	1,5 m	200 x 50 x 40 mm	20	40
ASETIPB1,5	○	1,5 m	200 x 50 x 40 mm	20	40
ASETIPP3	●	3 m	200 x 50 x 40 mm	20	40
ASETIPB3	○	3 m	200 x 50 x 40 mm	20	40
ASETIPP5	●	5 m	200 x 50 x 40 mm	20	40
ASETIPB5	○	5 m	200 x 50 x 40 mm	20	40

5-outlet power strip Plus with switch

2P + E | 3G1,5mm²



Characteristics:

- › Rated power: max. 3500W
- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Cable: H05 VV-F- 3G1,5mm²
- › Protected alveoli
- › Switch with indicator
- › Rotary hanging hook

REF.	Colour	Cable	Dimensions (L x A x P)		
ASEQIPB1,5	○	1,5 m	270 x 50 x 45 mm	20	40
ASEQIPP3	●	3 m	270 x 50 x 45 mm	20	40
ASEQIPB3	○	3 m	270 x 50 x 45 mm	20	40



3-outlet power strip with USB A+C

"Fast charge" NEW

2P + E | 3G1,5mm²



Characteristics:

- › Rated power: max. 3500W
- › Rated voltage: 220-240V AC
- › Current intensity: 16A
- › Cable: H05 VV-F - 3G1,5mm²

- › Protected alveoli
- › Switch with indicator
- › USB-A: 5V-3A | 9V-2A | 12V-1,5A
- › USB-C: 5V-3A | 9V-2,2A | 12V-1,67A
- › USB-A + C: 5V-3A

REF.	Cable	Dimensions (L x A x P)		
ASBT3USB3153	3 m	250 x 50 x 40 mm	25	25

5-outlet power strip with USB A+C

"Fast charge" NEW

2P + E | 3G1,5mm²



Characteristics:

- › Rated power: max. 3500W
- › Rated voltage: 220-240V AC
- › Current intensity: 16A
- › Cable: H05 VV-F - 3G1,5mm²

- › Protected alveoli
- › Switch with indicator
- › USB-A: 5V-3A | 9V-2A | 12V-1,5A
- › USB-C: 5V-3A | 9V-2,2A | 12V-1,67A
- › USB-A + C: 5V-3A

REF.	Cable	Dimensions (L x A x P)		
ASBQ5USB3153	3 m	330 x 50 x 40 mm	1	20

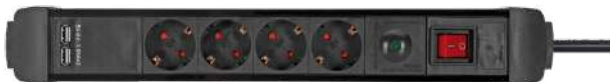
5-outlet power strip
surge protection - Home Design
2P + E | 3G1,5mm²



- Characteristics:**
- › Rated power: max. 3500W
 - › Rated voltage: 250V AC
 - › Current intensity: 16A
 - › Cable: H05 VV-F - 3G1,5mm²
 - › Rated power Cable: 1250W
 - › USB: 10,5W; 5V; 2 x 1,05A
 - › Surge protection: T3 - 3KV (L-N / L-N-PE)
 - › Protection indicator
 - › Protected alveoli
 - › Switch with indicator

REF.	Cable	Dimensions (L x A x P)		
ASEPIUHD1,5	1,5 m	330 x 51 x 40 mm	20	40

5-outlet power strip
surge protection - Office
2P + E | 3G1,5mm²



- Characteristics:**
- › Rated power: max. 3500W
 - › Rated voltage: 250V AC
 - › Current intensity: 16A
 - › Cable: H05 VV-F - 3G1,5mm²
 - › Rated power Cable: 1250W
 - › USB: 10,5W; 5V DC; 2 x 1,05A
 - › Surge protection: T3 - 3KV (L-N / L/N-PE)
 - › Protection indicator
 - › Protected alveoli
 - › Switch with indicator

REF.	Cable	Dimensions (L x A x P)		
ASEPIUOF1,5	1,5 m	430 x 60 x 50 mm	20	40

8-outlet power strip
surge protection - Office Pro
2P + E | 3G1,5mm²



- Characteristics:**
- › Rated power: max. 3500W
 - › Rated voltage: 250V AC
 - › Current intensity: 16A
 - › Cable: H05 VV-F - 3G1,5mm²
 - › Rated power Cable: 1250W
 - › USB: 10,5W; 5V; 2x max. 2,1A
 - › Surge protection: T3 - 3KV (L-N) 6kv (L/N - PE)
 - › Protection indicator
 - › Protected alveoli
 - › Switch with indicator

REF.	Cable	Dimensions (L x A x P)		
ASEPIUOF1,5	1,5 m	280 x 115 x 35 mm	10	20



3-outlet power strip with switch **NEW**
3 x 2P + E | IP44



Characteristics:

- > Rated power: max. 3500W
- > Rated voltage: 250V AC
- > Current intensity: 16A
- > Cable: H07RN-F 3G1,5mm²
- > Can be wall mounted
- > Joint covers
- > Protected alveoli
- > Switch with indicator

REF.	Cable	Dimensions (L x A x P)		
ASBT3I443153	3 m	300 x 65 x 50 mm	1	15

6-outlet power strip with Switch **NEW**
6 x 2P + E | IP44



Characteristics:

- > Rated power: max. 3500W
- > Rated voltage: 250V AC
- > Current intensity: 16A
- > Cable: H07RN-F 3G1,5mm²
- > Can be wall mounted
- > Joint covers
- > Protected alveoli
- > Switch with indicator

REF.	Cable	Dimensions (L x A x P)		
ASBS6I443153	3 m	450 x 65 x 55 mm	1	15

4-way adapter with hanger **NEW**
4 x 2P + E | IP44



Characteristics:

- > Rated power: max. 3500W
- > Rated voltage: 250V AC
- > Current intensity: 16A
- > Can be fitted with cable up to 3G2,5mm²



Velcro
strip



Max cross-section of
conductor 2,5mm²

REF.	Dimensions (L x A x P)		
ASAQ444SC	165 x 80 x 60 mm	1	40



Extension cord
2P + E | 3G1,5mm²



Characteristics:

- › Rated power: max. 3500 W
- › Rated voltage: 250V AC

- › Current intensity: 16A
- › Cable: H05 VV-F 3G1,5mm²
- › Material: PVC

REF.	Colour	Cable	Dimensions (L x A x P)		
ASEMF315B	○	3 m	145 x 145 x 50 mm	1	20
ASEMF315P	●	3 m	145 x 145 x 50 mm	1	20
ASEMF515B	○	5 m	145 x 145 x 50 mm	1	20
ASEMF515P	●	5 m	145 x 145 x 50 mm	1	20



Extension cord
2P + E | 3G1mm²



Characteristics:

- › Rated power: max. 2500 W
- › Rated voltage: 250V AC

- › Current intensity: 16A
- › Cable: H05 VV-F 3G1mm²
- › Material: PVC

REF.	Colour	Cable	Dimensions (L x A x P)		
ASEMF10	●	10 m	180 x 180 x 50 mm	1	16
ASEMF20	●	20 m	180 x 180 x 50 mm	1	8



Extension cord
2P + E | 3G1,5mm²



Characteristics:

- › Rated power: max. 3500 W
- › Rated voltage: 250V AC

- › Current intensity: 16A
- › Cable: H05 VV-F 3G1,5mm²
- › Material: PVC

REF.	Colour	Cable	Dimensions (L x A x P)		
ASEMF1015	●	10 m	190 x 190 x 60 mm	1	16
ASEMF1015P	●	10 m	190 x 190 x 60 mm	1	16
ASEMF2015	●	20 m	190 x 190 x 60 mm	1	8
ASEMF3015	●	30 m	190 x 190 x 60 mm	1	8



Cable reel with Switch **NEW**
2 x USB A+ 1 x USB | 2P + E | 3G1,5mm²

- Characteristics:**
- › Rated power: max. 3500W
 - › Max. power output coiled cable: 1100W
 - › Rated voltage: 250V AC
 - › Current intensity: 16A
 - › Cable: H05 VV-F 3G1,5mm²
 - › USB: 5V-2,4A
 - › Protected alveoli
 - › Switch with indicator



2 x USB-A outputs
1 x USB-C output



Includes
hanging hook



REF.	Cable	Dimensions (L x A x P)		
ASENRUSB3	3 m	150 x 135 x 90 mm	1	20



Cable reel with thermal protection
2P + E | 3G1mm²

- Characteristics:**
- › Rated power: max. 2300W
 - › Max. power output coiled cable: 900W
 - › Rated voltage: 250V AC
 - › Current intensity: 16A
 - › Cable: H05 VV-F 3G1mm²
 - › Protected alveoli



Thermal protection



REF.	Cable	Dimensions (L x A x P)		
ASLEV	8 m	140 x 140 x 215 mm	1	4

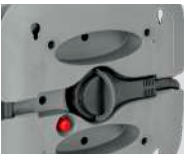


Multifunction cable reel with thermal protection
2P + E | 3G1mm²

- Characteristics:**
- › Rated power: max. 2300W
 - › Max. power output coiled cable: 900W
 - › Rated voltage: 250V AC
 - › Current intensity: 16A
 - › Cable: H05 VV-F 3G1mm²
 - › USB: 5V; 2 x 1,2A
 - › Protected alveoli



2 x USB-A outputs:
2 x 1.2A max.



holes
for installation



REF.	Cable	Dimensions (L x A x P)		
ASUSA	5 m	166 x 166 x 80 mm	1	4





Cable reel with thermal protection

2P + E | 3G1mm²

Characteristics:

- › Rated power: max. 2200W
- › Max. power output coiled cable: 1100W
- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Cable: H05 VV-F 3G1mm²
- › Thermal protection
- › Protected alveoli

REF.	Cable	Dimensions (L x A x P)		
ASENRT5	5 m	200 x 200 x 70 mm	1	8



Cable reel with thermal protection

2P + E | 3G1mm²

Characteristics:

- › Rated power: max. 2200W
- › Max. power output coiled cable: 1100W
- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Cable: H05 VV-F 3G1mm²
- › Thermal protection
- › Protected alveoli

REF.	Cable	Dimensions (L x A x P)		
ASENRT10	10 m	220 x 270 x 70 mm	1	8
ASENRT15	15 m	230 x 270 x 100 mm	1	8



Cable reel with thermal protection

2P + E | 3G1,5mm²

Characteristics:

- › Rated power: max. 3200W
- › Max. power output coiled cable: 1100W
- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Cable: H05 VV-F 3G1,5mm²
- › Thermal protection
- › Protected alveoli

REF.	Cable	Dimensions (L x A x P)		
ASENRT515	5 m	200 x 200 x 55 mm	1	8



Cable reel with thermal protection

2P + E | 3G1,5mm²

Characteristics:

- › Rated power: max. 3200W
- › Max. power output coiled cable: 1100W
- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Cable: H05 VV-F 3G1,5mm²
- › Thermal protection
- › Protected alveoli

REF.	Cable	Dimensions (L x A x P)		
ASENRT1515	15 m	200 x 280 x 55 mm	1	8



ECO cable reel 2P + E | 3G1,5mm²



Characteristics:

- › Rated power: max. 3200W
- › Max. power output coiled cable: 1100W
- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Cable: H05 VV-F 3G1,5mm²

- › Body: Polypropylene
- › Structure: Galvanised steel tube
- › IP rating: IP20
- › Insulation class: I
- › Thermal protection
- › Protected alveoli

REF.	Cable	Dimensions (L x A x P)		
ASENR31525E	25 m	220 x 170 x 300 mm	1	1
ASENR31550E	50 m	260 x 190 x 350 mm	1	1

Enrolador com térmico 2P + E | 3G1,5mm²



Characteristics:

- › Rated power: max. 3200W
- › Max. power output coiled cable: 1100W
- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Cable: H05 VV-F 3G1,5mm²
- › Body: Polypropylene

- › Structure: Galvanised steel tube
- › IP rating: IP20
- › Insulation class: I
- › Drum protected against overheating
- › Tested 1h at a temperature of 100°C +/- 2°C
- › Thermal protection
- › Protected alveoli

REF.	Cable	Dimensions (L x A x P)		
ASENR15	15 m	180 x 270 x 140 mm	1	4

Enrolador com térmico 2P + E | 3G1,5mm²



Characteristics:

- › Rated power: max. 3200W
- › Max. power output coiled cable: 1100W
- › Rated voltage: 230V AC
- › Current intensity: 16A
- › Cable: H05 VV-F 3G1,5mm²
- › Body: Polypropylene

- › Structure: Galvanised steel tube
- › IP rating: IP20
- › Insulation class: I
- › Drum protected against overheating
- › Tested 1h at a temperature of 100°C +/- 2°C
- › Thermal protection
- › Protected alveoli

REF.	Cable	Dimensions (L x A x P)		
ASENR25	25 m	220 x 160 x 315 mm	1	2
ASENR50	50 m	270 x 180 x 370 mm	1	2

Cable reel with thermal protection

2P + E | 3G2,5mm²



Characteristics:

- › Rated power: max. 3200W
- › Max. power output coiled cable: 1100W
- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Cable: H05 VV-F 3G2,5mm²
- › Body: Polypropylene
- › Structure: Galvanised steel tube
- › IP rating: IP20
- › Insulation class: I
- › Drum protected against overheating
- › Tested 1h at a temperature of 100°C +/- 2°C
- › Thermal protection
- › Protected alveoli

REF.	Cable	Dimensions (L x A x P)		
ASENRP2025	20 m	220 x 160 x 320 mm	1	2
ASENRP40	40 m	270 x 160 x 365 mm	1	2

Enrolador de jardim com térmico

2P + E | 3G1,5mm²



Characteristics:

- › Rated power: max. 3200W
- › Max. power output coiled cable: 1100W
- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Cable: H05 VV-F 3G1,5mm²
- › Body: Polypropylene
- › Structure: Galvanised steel tube
- › IP rating: IP20
- › Insulation class: I
- › Thermal protection
- › Protected alveoli

REF.	Cable	Dimensions (L x A x P)		
ASEJ25	25 m	230 x 320 x 155 mm	1	2



In-line cord switch



Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 2A

REF.	Colour	Dimensions (L x A x P)		
AS115	○	60 x 25 x 20 mm	50	600
AS115B	Blister ○	60 x 25 x 20 mm	20	200
AS115P	●	60 x 25 x 20 mm	50	600
AS115PB	Blister ●	60 x 25 x 20 mm	20	200
AS115D	●	60 x 25 x 20 mm	50	600
AS115DB	Blister ●	60 x 25 x 20 mm	20	200

Power cord with in-line switch



Characteristics:

- › Rated voltage: 250V AC
- › Cable: H03VVH2-F 2 x 0,75mm²
- › Current intensity: 2A
- › Cable length: 2,20m

REF.	Colour		
ASEPPT	⊘	20	80
ASEPPB	○	20	80
ASEPPP	●	20	80
ASEPPD	●	20	80

Lamp holder



Characteristics:

- › Cap: G9
- › Rated voltage: 250V AC
- › Current intensity: 2A
- › Max output: 60W
- › Insulation class: I

REF.		
ASSG9	50	1000

Dichroic lamp holder



Characteristics:

- › Cap: GU10
- › Rated voltage: 250V AC
- › Current intensity: 2A
- › Max output: 75W
- › Insulation class: I

REF.		
ASSLD10	50	1000
ASSLD10BL	1	-



Dichroic lamp holder with earth connection

Characteristics:

- > Cap: GU10
- > Rated voltage: 250V AC
- > Current intensity: 2A

- > Max output: 75W
- > Repitching connection
- > Fast connector
- > Insulation class: I

REF.				
ASEGU10			50	250
ASEGU10BL	Blister		1	-



Dichroic lamp holder insulation class II

Characteristics:

- > Cap: GU10
- > Rated voltage: 250V AC

- > Current intensity: 2A
- > Max output: 75W
- > Insulation class: II

REF.				
ASEGU10N			25	250
ASEGU10NB	Blister		10	-



Lamp holder

Characteristics:

- > Cap: E14
- > Rated voltage: 250V AC

- > Current intensity: 4A
- > Max output: 60W

REF.		Colour	Dimensions (L x A x P)		
ASS14		○	25 x 25 x 55 mm	50	500
ASS14B	Blister (Cj. 2)	○	25 x 25 x 55 mm	25	500
ASSP14		●	25 x 25 x 55 mm	50	500
ASSD14		●	25 x 25 x 55 mm	50	500



Lamp holder

Characteristics:

- > Cap: E27
- > Rated voltage: 250V AC

- > Current intensity: 4A
- > Max output: 60W

REF.		Colour	Dimensions (L x A x P)		
AS180		○	38 x 57 x 38 mm	50	400
AS180B	Blister (Cj. 2)	○	38 x 57 x 38 mm	20	200
ASP180		●	38 x 57 x 38 mm	50	400
ASD180		●	38 x 57 x 38 mm	50	400



Porcelain lamp holder with L-shaped bracket

Characteristics:

- > Cap: E27
- > Rated voltage: 250V AC

- > Current intensity: 4A
- > Max output: 200W

REF.		Dimensions (L x A x P)		
ASF51927		50 x 45 x 40 mm	25	400



Metal lamp holder

Characteristics:

- > Cap: E27
- > Rated voltage: 250V AC

- > Current intensity: 4 A
- > Max output: 60W

REF.		Dimensions (L x A x P)		
ASCM27		40 x 53 x 40 mm	20	400

Threaded lamp holder with collar ring

**Characteristics:**

- › Cap: E14
- › Rated voltage: 250V AC
- › Current intensity: 4A
- › Max output: 60W

REF.	Colour	Dimensions (L x A x P)		
ASCA14B	○	58 x 53 x 58 mm	50	500
ASCA14P	●	58 x 53 x 58 mm	50	500
ASCA14D	●	58 x 53 x 58 mm	50	500

Threaded lamp holder with collar ring

**Characteristics:**

- › Cap: E27
- › Rated voltage: 250V AC
- › Current intensity: 4A
- › Max output: 60W

REF.	Colour	Dimensions (L x A x P)		
ASCA	○	43 x 52 x 42 mm	10	200
ASCAP	●	43 x 52 x 42 mm	10	200
ASCAD	●	43 x 52 x 42 mm	10	200

Suporte para lâmpada com base reto

**Characteristics:**

- › Cap: E27
- › Rated voltage: 250V AC
- › Current intensity: 4A
- › Max output: 60W

REF.		Dimensions (L x A x P)		
ASSBR		85 x 85 x 60 mm	12	240
ASSBRB	Blister	85 x 85 x 60 mm	12	120

Threaded lamp holder with collar ring (30°)

**Characteristics:**

- › Cap: E27
- › Rated voltage: 250V AC
- › Current intensity: 4A
- › Angle of curvature: 30°
- › Max output: 60W

REF.		Dimensions (L x A x P)		
ASSBC		90 x 85 x 80 mm	12	240
ASSBCB	Blister	90 x 85 x 80 mm	12	120

Lamp holder adapter E27 - GU10

**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 2A
- › Max output: 50W

REF.	Dimensions (L x A x P)		
ASAE27GU10	35 x 50 x 35 mm	50	400

Lamp holder adapter GU10 - E27

**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 4A
- › Max output: 60W

REF.	Dimensions (L x A x P)		
ASAGU10E27	40 x 60 x 40 mm	50	400



Single-phase socket

2P

**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 10 A
- › Rated power: max. 2200W
- › Cable: H05 VV-F
- › Protected alveoli

REF.		Dimensions (L x A x P)		
AS101		70 x 40 x 20 mm	50	500
AS101BL	Blister - Box of 2	70 x 40 x 20 mm	1	-

Schuko socket with extraction handle

2P + E

**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3680W
- › Protected alveoli



Easy removal

REF.		Dimensions (L x A x P)		
ASFFA		84 x 50 x 42 mm	25	200

Schuko socket

2P + E

**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3500 W
- › Protected alveoli

REF.		Dimensions (L x A x P)		
AS155		70 x 50 x 45 mm	25	200
AS155B	Blister	70 x 50 x 45 mm	12	120

PVC schuko socket

2P + E

**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3500 W
- › Protected alveoli

REF.		Dimensions (L x A x P)		
AS154		70 x 50 x 110 mm	25	200
AS154B	Blister	70 x 50 x 110 mm	12	120

Rubber Schuko socket

2P + E

**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3500 W
- › Protected alveoli

REF.		Dimensions (L x A x P)		
ASFFB		90 x 45 x 45 mm	25	200

Long schuko socket with rubber cap

2P + E

**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3500 W
- › IP rating: IP44
- › Protected alveoli, with cap

REF.		Dimensions (L x A x P)		
AS154L		70 x 50 x 110 mm	10	100



Plug+socket
2P

Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 10A
- › Rated power: max. 2200 W
- › Protected alveoli

REF.			
AS191B		10	100



Single-phase plug
2P

Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 10A
- › Rated power: max. 2200 W

REF.		Dimensions (L x A x P)		
AS102		65 x 35 x 15 mm	50	500
AS102BL	Blister	70 x 50 x 45 mm	20	200



Plug with adjustable pins
2P

Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 10A
- › Rated power: max. 2200 W



Lets you choose the position of the pins

REF.		Dimensions (L x A x P)		
ASFMP0		65 x 35 x 17 mm	50	500



Extra-flat schuko plug
2P + E

Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3500 W



Handle for easy removal

REF.		Dimensions (L x A x P)		
ASFMUf		45 x 40 x 105 mm	20	100



Schuko plug with extraction handle
2P + E

Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3500 W



Easy removal

REF.		Dimensions (L x A x P)		
ASFMA		50 x 40 x 80 mm	20	200



Vertical schuko plug

2P + E

Characteristics:

› Rated voltage: 250V AC

› Current intensity: 16A

› Rated power: max. 3500 W

REF.		Dimensions (L x A x P)		
AS152		65 x 40 x 40 mm	20	400
AS152B	Blister	65 x 40 x 40 mm	12	120



Schuko plug with side outlet

2P + E

Characteristics:

› Rated voltage: 250V AC

› Current intensity: 16A

› Rated power: max. 3500 W

REF.		Dimensions (L x A x P)		
AS150		50 x 40 x 50 mm	20	200
AS150B	Blister	50 x 40 x 50 mm	12	120



PVC schuko plug

2P + E

Characteristics:

› Rated voltage: 250V AC

› Current intensity: 16A

› Rated power: max. 3500 W

REF.		Dimensions (L x A x P)		
AS153		75 x 40 x 35 mm	20	200
AS153B	Blister	75 x 40 x 35 mm	12	120



Rubber schuko plug

2P + E

Characteristics:

› Rated voltage: 250V AC

› Current intensity: 16A

› Rated power: max. 3500 W

REF.		Dimensions (L x A x P)		
ASFMB		85 x 40 x 40 mm	20	200



Long rubber schuko plug

2P + E

Characteristics:

› Rated voltage: 250V AC

› Current intensity: 16A

› Rated power: max. 3500 W

REF.		Dimensions (L x A x P)		
AS153L		110 x 45 x 45 mm	20	200



Three-way plug adapter

2P

Characteristics:

› Rated voltage: 250V AC

› Current intensity: 10A

› Rated power: max. 2200W

› Protected alveoli

REF.		Dimensions (L x A x P)		
AS107		62 x 37 x 45 mm	20	200

Euro/American Three-way plug adapter

2P



Characteristics:

- › E/A = Euro/ Americano
- › Current intensity: 10A
- › Rated voltage: 250V AC
- › Rated power: max. 2200W

REF.		Dimensions (L x A x P)		
AS110		60 x 35 x 50 mm	25	200
AS110B	Blister	60 x 35 x 50 mm	12	120

Two-way schuko adapter **NEW**

2 x 2P + E/ 2 x USB A + 1 x USB C



Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3500W
- › USB-A (2x) output: 5V - 2,4A
- › USB-C (1x) output: 5V - 2,4A
- › USB (A+C) total output: 5V-2,4A
- › Protected alveoli

REF.		Dimensions (L x A x P)		
ASFUSB		100 x 65 x 75 mm	1	100

Two-way schuko adapter **NEW**

2 x 2P + E



Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3500W
- › Protected alveoli

REF.		Dimensions (L x A x P)		
AS200		90 x 50 x 80 mm	10	100
AS200B	Blister	90 x 50 x 80 mm	12	120

Three-way schuko adapter

2P + E



Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3500W
- › Protected alveoli

REF.		Dimensions (L x A x P)		
AS300		85 x 45 x 90 mm	10	100
AS300B	Blister	90 x 50 x 80 mm	10	100

Flat three-way schuko adapter

2P + E



Characteristics:

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3500W
- › Protected alveoli

REF.		Dimensions (L x A x P)		
AS520		135 x 50 x 75 mm	10	100
AS520BL	Blister	135 x 50 x 75 mm	10	60

Three-way schuko adapter with switch

2P + E

**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3680W
- › Protected alveoli
- › Switch On/ Off

REF.	Dimensions (L x A x P)		
ASFTIB	90 x 50 x 175 mm	6	60

Three-way schuko adapter without cable with cover

2P + E | IP44

**Characteristics:**

- › Screw connectors
- › Rated power: max. 3860W
- › Rated voltage: 250V AC
- › Frequency: 50/60 Hz
- › Current intensity: 16A
- › Protected alveoli, com tampa
- › Connecting cable: max. H07RNF 3G2,5mm²

REF.	Dimensions (L x A)		
ASFTB	110 x 150 mm	1	30

Adapter plug

2P

**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 10A
- › Rated power: max. 2200W

REF.	Dimensions (L x A x P)		
AS170	35 x 15 x 50 mm	25	500
AS170BL	Blister	12	240

EU/UK adapter plug

2P + E

**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 6A
- › Rated power: max. 1500W
- › Insulation class: II

REF.	Dimensions (L x A x P)		
ASEURUK	50 x 50 x 45 mm	1	72

Socket with protection against surge

2P + E

**Characteristics:**

- › Rated voltage: 250V AC
- › Current intensity: 16A
- › Rated power: max. 3500W
- › Protected alveoli
- › Indicator light

REF.	Dimensions (L x A x P)		
ASTCP	70 x 45 x 75 mm	20	200



Schuko plug with switch
2P + E

- Characteristics:**
- › Rated power: max. 3500W
 - › Rated voltage: 250V AC
 - › Protected alveoli
 - › Current intensity: 16A
 - › Switch with indicator

REF.	Dimensions (L x A x P)		
ASFSIB	80 x 50 x 70 mm	10	100



Plug-in LED night light with switch

- Characteristics:**
- › LED 0.5W
 - › Rated voltage: 230V AC

REF.	Dimensions (L x A x P)		
ASLPI	65 x 55 x 65 mm	20	120



Socket safety cover against direct
contact from the alveoli

- Characteristics:**
- › Protection for sockets against direct contact from the alveoli

REF.	Dimensions (L x A x P)		
ASPT	Blister - Box of 10 30 x 17 x 18 mm	40	80

Mini 24H mechanical plug-in timer*

2P + E

Characteristics:

- > Rated voltage: 230V AC
- > Current intensity: 16A
- > Minimum period: 30 min
- > Maximum period: 24 h
- > Maximum power: 3680W
- > Operating temperature: -10°C ~55°C
- > Operation: Clockwise rotation
- > Insulation resistance: > 100 m
- > Inherent loss: < = 1W
- > IP rating: IP20
- > Protected alveoli



Manual/auto/On switch

REF.	Dimensions (L x A x P)		
ASMTM	50 x 105 x 75mm	12	48



24H mechanical plug-in time*

2P + E

Characteristics:

- > Rated voltage: 230V AC
- > Current intensity: 16A
- > Minimum period: 15 min
- > Maximum period: 24 h
- > Maximum power: 3680W
- > Operating temperature: -10°C ~55°C
- > Operation: Clockwise rotation
- > Insulation resistance: > 100 m
- > Inherent loss: < = 1W
- > IP rating: IP20
- > Protected alveoli



LED status indicator



Manual/auto/On switch

REF.	Dimensions (L x A x P)		
ASTH	71 x 120 x 81mm	10	50



7-day digital plug-in timer*

2P + E

Characteristics:

- > Rated voltage: 230V AC
- > Current intensity: 16A
- > Rated power: max. 3680W
- > Min./max. period: 1 min / 7 days
- > Programs per day: 8 / 20 cycles
- > Rechargeable battery: NI-MH
- > Autonomy: 5 months
- > IP rating: IP20
- > Protected alveoli



LED status indicator



Digital

REF.	Dimensions (L x A x P)		
ASTHDS	57 x 125 x 75mm	12	48



*NOTE:

Automatic summer / winter time change

Extractor fans

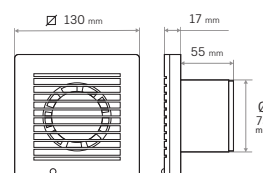


Extractor fan Ø 75mm



Characteristics:

- › Rated power: 17 W
- › Rated voltage: 230V AC
- › Frequency: 50/60 Hz
- › No-load rotation speed: 2350 rpm
- › Flow: 80m³/h
- › Noise level: < 45 dB
- › IP rating: IP44
- › Insulation class: II



REF.

ASCVW075BR



1



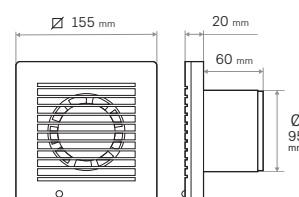
24

Extractor fan Ø 95mm



Characteristics:

- › Rated power: 21 W
- › Rated voltage: 230V AC
- › Frequency: 50/60 Hz
- › No-load rotation speed: 2450 rpm
- › Flow: 90m³/h
- › Noise level: < 45 dB
- › IP rating: IP44
- › Insulation class: II



REF.

ASCVW100BR



1



18

Wireless doorbells

**Characteristics:**

- > Noise: 80dB
- > Frequency: 433.92 MHz
- > 36 melodies
- > Receptor: 3 x AA alkaline batteries

Botão:

- > 100m range
- > Includes: 1 x 12V - 23A battery
- > IP rating: IP44

REF.	Dimensions (L x A x P)		
ASCSFP100	70 x 105 x 35 mm	10	50

**Receptor: 3 LR14 batteries (not included)****Characteristics:**

- > Noise: 80dB
- > Frequency: 433.92 MHz
- > 16 melodies
- > Receptor: 3 LR14 batteries (not included)

Botão:

- > 100m range
- > Includes: 1 x 12V - 23A battery
- > IP rating: IP44

REF.	Dimensions (L x A x P)		
ASCSF100	115 x 60 x 40 mm	10	40

Door chimes with built-in transformer



Door chime with built-in transformer

Characteristics:

- > Rated voltage: 230V AC
- > Frequency: 50/60 Hz
- > Noise: 80 dB
- > Transformer included: 8V - 1A
- > Button and cable not included
- > Should not be installed on the door

REF.	Dimensions (L x A x P)		
ASCT30Q	170 x 105 x 45 mm	12	24



Door chime with built-in transformer

Characteristics:

- > Rated voltage: 230V AC
- > Frequency: 50/60 Hz
- > Noise: 80dB
- > Transformer included: 8V - 1A
- > Button and cable not included
- > Should not be installed on the door

REF.	Dimensions (L x A x P)		
ASCT30L	170 x 105 x 45 mm	12	24



Door chime with built-in transformer

Characteristics:

- > Rated voltage: 230V AC
- > Frequency: 50/60 Hz
- > Noise: 80dB
- > Transformer included: 8V - 1A
- > Button and cable not included
- > Should not be installed on the door

REF.	Dimensions (L x A x P)		
ASCT34	170 x 105 x 45 mm	12	24

Door chimes without transformer



Door chime without transformer

Characteristics:

- > Noise: 80dB
- > Power source: 1 9V.6LR61 battery + support for 9V battery cable, for chime or 1 external 8V - 1A transformer (not included)
- > Insulation class: II

REF.	Dimensions (L x A x P)		
ASCST41	116 x 116 x 48 mm	10	50
ASCST42	116 x 116 x 48 mm	10	50



Mechanical buzzer

Characteristics:

- > Noise: 85dB
- > Batteries: 8 - 12VC/ 1A (not included)
- > Frequency: 50/60 Hz

REF.	Dimensions (L x A x P)		
ASBST	40 X 57 x 29 mm	10	100



Batteries: 8 - 12VC/ 1A (not included)

Characteristics:

- > Noise: 85dB
- > Rated voltage: 8-12VAC/ 1A (transf. Not included)
- > Frequency: 50/60 MHz

REF.	Dimensions (L x A x P)		
ASCSTT	65 x 65 x 38 mm	10	50



Doorbell push button

Characteristics:

- > Rated voltage: 0-24V AC
- > Current intensity: 1A
- > IP rating: IP44

REF.	Dimensions (L x A x P)		
ASBPC	25 x 55 x 15 mm	100	500



Illuminated doorbell push button

Characteristics:

- > Rated voltage: 0-24V AC
- > Current intensity: 1A
- > IP rating: IP33

REF.	Dimensions (L x A x P)		
ASBCL	40 x 65 x 20 mm	50	200



Doorbell transformer

Characteristics:

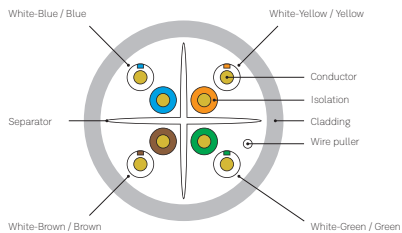
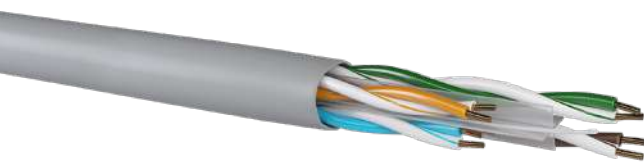
- > Rated voltage (input): 220V AC
- > Rated voltage (output): 8V AC
- > Current intensity: 1A
- > Frequency: 50/60 Hz

REF.	Dimensions (L x A x P)		
ASTCT88	91 x 53 x 38 mm	20	60



NETWORKS

U/ UTP 23AWG cable
CAT6 CCA PVC ECA



Electric characteristics: (20°C)

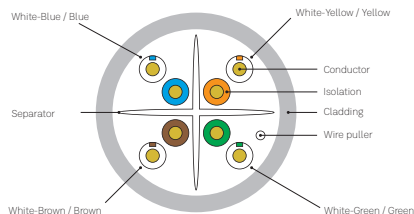
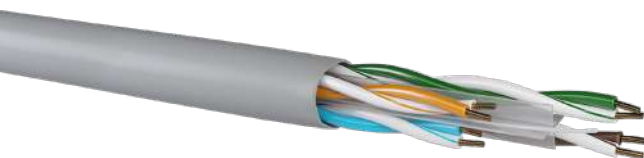
- > 1.0 - 250.0MHz Impedance (Ω) 100 ± 15
- > 1.0 - 250.0MHz Propagation deviation (ns/100) ≤ 45
- > NVP [% speed of light] 69%
- > Capacitance (nF/ 100m) 5.6 max.
- > DC Resistance (Ω /100m) 11.3 max.
- > DC Conductor Resistance Imbalance (%) 5.0 max.
- > Reaction to fire CPR - Eca

Cable characteristics:

- > Conductor: Solid Copper clad aluminium wire CCA; $\varnothing 0,57\text{mm} \pm 0,008 \text{ mm}$
- > Isolation: HDPE; $\varnothing 1,02\text{mm} \pm 0,03 \text{ mm}$
- > Cladding: PVC; $\varnothing 6.3\text{mm} \pm 0.4 \text{ mm}$ outside; $0.55\text{mm} \pm 0.05 \text{ mm}$ thick
- > RAL 7047

REF.	Cable		
ASCUTP0101	305 m	1 box Traction - 305m	2 box Traction - 610m

U/ UTP 23AWG cable
CAT6 CU PVC ECA



Electric characteristics: (20°C)

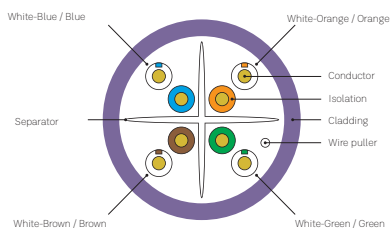
- > 1.0 - 250.0MHz Impedance (Ω) 100 ± 15
- > 1.0 - 250.0MHz Propagation deviation (ns/100) ≤ 45
- > NVP [% speed of light] 69%
- > Capacitance (nF/ 100m) 5.6 max.
- > DC Resistance (Ω /100m) 9.5 max.
- > DC Conductor Resistance Imbalance (%) 2.5 max.
- > Reaction to fire CPR - Eca

Cable characteristics:

- > Conductor: CU solid; $\varnothing 0,55\text{mm} \pm 0,02 \text{ mm}$
- > Isolation: HDPE; $\varnothing 0,96\text{mm} \pm 0,03 \text{ mm}$
- > Cladding: PVC; $\varnothing 6,1\text{mm} \pm 0,4 \text{ mm}$ outside; $0.55\text{mm} \pm 0.05 \text{ mm}$ thick
- > RAL 7047

REF.	Cable		
ASCUTP0201	305 m	1 box Traction - 305m	2 box Traction - 610m
ASCUTP0202	500 m	1 coil - 500m	-
ASCUTP0203	1000 m	1 coil - 1000m	-

U/ UTP 23AWG cable
CAT6 CU LSZH DCa | Halogen free



Electric characteristics: (20°C)

- > 1.0 - 250.0MHz Impedance (Ω) 100 ± 15
- > 1.0 - 250.0MHz Propagation deviation (ns/100) ≤ 45
- > NVP [% speed of light] 69%
- > Capacitance (nF/ 100m) 5.6 max.
- > DC Resistance (Ω /100m) 9.5 max.
- > DC Conductor Resistance Imbalance (%) 2.5 max.
- > CPR fire reaction - Dca

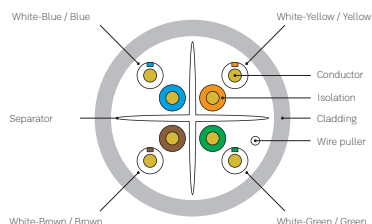
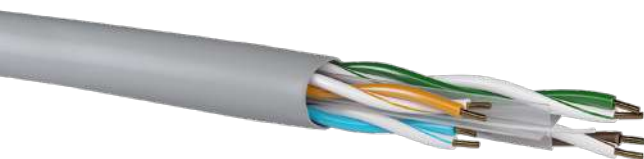
Cable characteristics:

- > Conductor: CU solid; $\varnothing 0,55\text{mm} \pm 0,02 \text{ mm}$
- > Isolation: HDPE; $\varnothing 0,96\text{mm} \pm 0,03 \text{ mm}$
- > Cladding: LSZH; $\varnothing 6,1\text{mm} \pm 0,4 \text{ mm}$ outside; $0.55\text{mm} \pm 0,05 \text{ mm}$ thick
- > RAL 4005

REF.	Cable		
ASCUTP0301	305 m	1 box Traction - 305m	2 box Traction - 610m
ASCUTP0302	500 m	1 coil - 500m	-
ASCUTP0303	1000 m	1 coil - 1000m	-

U/ UTP 23AWG cable

CAT6 CU PVC ECA



Electric characteristics: (20°C)

- › Impedance (Ω) 100MHz ± 5
- › NVP [% speed of light] 65%
- › DC Resistance ($\Omega/100m$) a 20°C: 93,8 max.
- › Rated mutual capacity (nF/ Km) a 15Hz: 56
- › Propagation delay (ns at 10MHz): 518 max.
- › Phase delay (ns/100m): 40 max.
- › Coupling attenuation (ns/100m): 30-100MHz - 40
100 - 1000MHz - 40 - 20log (f/100)
- › Maximum tensile strength: 80N
- › Reaction to fire CPR - Eca

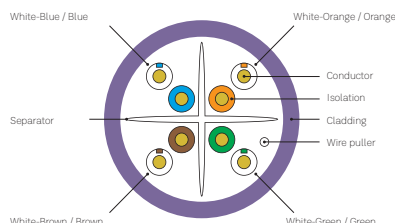
Cable characteristics:

- › Conductor: CU solid; $\varnothing$ 0,55mm $\pm$ 0,02 mm
- › Cladding: polyolefin
- › Minimum bending radius: 23mm
- › RAL 7047

REF.	Cable		
ASCUTP0401	305 m	1 box Traction - 305m	-

U/ UTP 23AWG cable

CAT6 CU LSZH DCa | Halogen free



Electric characteristics: (20°C)

- › Impedance (Ω) 100MHz ± 5
- › NVP [% speed of light] 65%
- › DC Resistance ($\Omega/100m$) a 20°C: 93,8 max.
- › Rated mutual capacity (nF/ Km) a 15Hz: 56
- › Propagation delay (ns a 10MHz): 518 max.
- › Phase delay (ns/100m): 40 max.
- › Coupling attenuation (ns/100m): 30-100MHz - 40
100 - 1000MHz - 40 - 20log (f/100)
- › Maximum tensile strength: 80N
- › Reaction to fire CPR - Dca

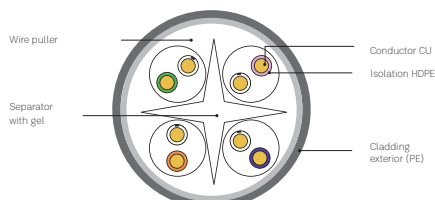
Cable characteristics:

- › Conductor: CU solid; $\varnothing$ 0,54mm $\pm$ 0,02 mm
- › Cladding: polyolefin
- › Minimum bending radius: 22mm
- › RAL 4005

REF.	Cable		
ASCUTP0501	305 m	1 box Traction - 305m	-

U/ UTP 23AWG cable ^{NEW}

CAT6 CU PE of gel



Electric characteristics: (20°C)

- › 1.0 - 250.0MHz Impedance (Ω) 100 $\pm$ 15
- › Resistance do Conductor (20°) $\leq$ 8,3 Ω / 100m
- › Electric resistance imbalance (20°) $\leq$ 2,5%
- › NVP [% speed of light] 69%
- › Resistance de Isolation $>$ 5000 M Ω Km
- › Capacitance (nF/100m) 5.6max.
- › Storage temperature: 0~40°C
- › Operating temperature: -20~60°C
- › Reaction to fire CPR - Dca

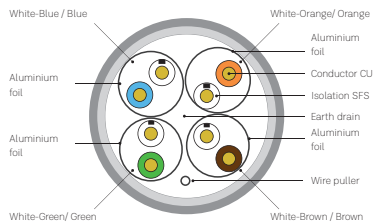
Cable characteristics:

- › Conductor: Solid bare copper; $\varnothing$ 0,53mm $\pm$ 0,005 mm
- › Isolation: HDPE; $\varnothing$ 0,91mm $\pm$ 0,05 mm
- › Cladding: PE; $\varnothing$ 6,1mm $\pm$ 0,3 mm thick; 0,55mm $\pm$ 0,05 mm

REF.	Cable		
ASCUTPG0601	305 m	1 coil - 305m	-

Copper pairs

U/ FTP 23AWG cable **NEW** CAT6A CU LSZH DCA | Halogen free



Electric characteristics: (20°C)

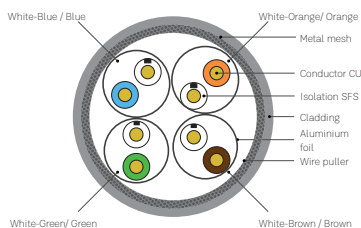
- > 1.0 - 500.0MHz Impedance (Ω) 100 ± 15
- > Resistance do Conductor (20°) $\leq 7,5 \Omega / 100m$
- > Electric resistance imbalance (20°) $\leq 2,5\%$
- > NVP [% speed of light] 69%
- > Resistance de Isolation $> 5000 M \Omega Km$
- > Capacitance (nF/100m) 5.6max.
- > Storage temperature: 0~40°C
- > Operating temperature: -20~60°C
- > Reaction to fire CPR -Eca

Cable characteristics:

- > Conductor:Solid bare copper; $\varnothing 0,56mm \pm 0,005 mm$
- > Isolation: PE; $\varnothing 1,30mm \pm 0,05 mm$
- > Cladding: LSZH; $\varnothing 7,3mm \pm 0,3 mm$ thick; $0,55mm \pm 0,05 mm$
- > Shielding of the wire pair: Aluminium foil

REF.	Cable		
ASCUFTP6A0301	305 m	1 coil 305m	-

S/ FTP 23AWG cable **NEW** CAT7A CU LSZH DCA | Halogen free



Electric characteristics: (20°C)

- > 1.0 - 1000.0MHz Impedance (Ω) 100 ± 15
- > Resistance do Conductor (20°) $\leq 7,3 \Omega / 100m$
- > Electric resistance imbalance (20°) $\leq 2,5\%$
- > NVP [% speed of light] 69%
- > Resistance de Isolation $> 5000 M \Omega Km$
- > Capacitance (nF/100m) 5.6max.
- > Storage temperature: 0~40°C
- > Operating temperature: -20~60°C
- > Reaction to fire CPR -Dca

Cable characteristics:

- > Conductor:Solid bare copper; $\varnothing 0,57mm \pm 0,005 mm$
- > Isolation: PE; $\varnothing 1,37mm \pm 0,05 mm$
- > Cladding: LSZH; $\varnothing 8,0mm \pm 0,3 mm$ thick; $0,55mm \pm 0,05 mm$
- > Shielding of the wire pair: Aluminium foil
- > Total shielding: 96 x 0.12mm braiding A1

REF.	Cable		
ASCSFTP7A0301	305 m	1 coil 305m	-

RJ45 connector

RJ54 connector UTP CAT6



Characteristics:

- > Category: 6UTP

REF.			
ASMFUTP6		50	-

RJ45 shielded connector FTP CAT6



Characteristics:

- > Category: 6UTP

REF.			
ASMFFTP6		50	-

HDMI cable



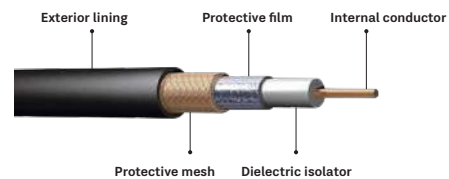
Characteristics:

- › Maximum resolution: Ultra HD 4K
- › Rated voltage: 1,4V AC
- › Cloth-covered cable

REF.			
ASHDMI1411		1	70

TV cable

Male - female



REF.	Colour	Cable		
ASCTVMF15B	○	1,5 m	1	100
ASCTVMF15P	●	1,5 m	1	100
ASCTVMF3B	○	3 m	1	100
ASCTVMF3P	●	3 m	1	100
ASCTVMF5B	○	5 m	1	100
ASCTVMF5P	●	5 m	1	100

Coaxial cable

RG6 CCS PVC 750 Ω



Characteristics:

- › Reaction to fire CPR - Eca
- › RAL: 9016



REF.	Coil		
ASCC1020101	100 m	1	6
ASCC1020102	250 m	1	2

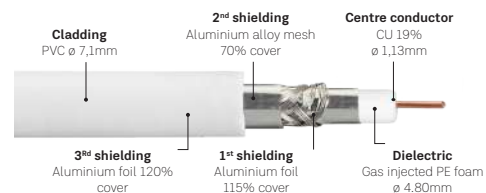
Coaxial cable

RG6 CU PVC 750 Ω



Characteristics:

- › Reaction to fire CPR - Eca
- › RAL: 9016



REF.	Coil		
ASCC1130201	100 m	1	6
ASCC1130202	250 m	1	2



F-type twist on connector

Characteristics:

- > 9,5mm
- > Metallic



REF.	Screw		
ASCFRG6	O-RING RG6	100	5000
ASCFRG59	O-RING RG59	100	5000

Compression 'F' connector

Characteristics:

- > 9,5mm
- > Metallic



REF.	Compression		
ASCFRG6	RG6	50	2500
ASCFRG59	RG59	50	2500

'F' Female splice

Characteristics:

- > Metallic



REF.			
ASEFFB		50	2500

'F' Female splice with nut and washer

Characteristics:

- > Metallic



REF.			
ASEFFA		100	5000

Triple 'F' adapter

Characteristics:

- > Metallic



REF.			
ASATFF		50	2500

F-type terminator

Characteristics:

- > Metallic



REF.			
ASCTF75	75 Ohm	10	500

"F" TV Adapter

Characteristics:

- > 9,5mm
- > Metallic



REF.			
ASAFFMTV		100	500

Female - female TV adapter

Characteristics:

- > 9,5mm
- > Metallic



REF.			
ASPTVFF		100	2500

"F" TV Adapter

Characteristics:

- > 9,5mm
- > Metallic



REF.			
ASAFFFTV		100	500

Male - male TV adapter

Characteristics:

- > 9,5mm
- > Metallic



REF.			
ASPTVMM		100	2500

BNC Male - "F" Female Adapter**Characteristics:**

- > 9,5mm
- > Metallic

REF.		
ASABNCF	100	2500

Male TV connector**Characteristics:**

- > 9,5mm

REF.		
ASCMTV	25	1250
ASFTVMBL	Blister - Box 2	25 1250

**TV connector
Male + female set****Characteristics:**

- > 9,5mm

REF.		
ASFTVB	25	250

Angled TV connector Female**Characteristics:**

- > 9,5mm

REF.		
ASCFTVL	25	1250
ASFTVFLBL	Blister - Cj.2	25 250

**TV adapter 2 males
+ 1 female****Characteristics:**

- > 9,5mm

REF.		
ASATTV	10	500
ASTTVB	10	240

Angled TV connector Female**Characteristics:**

- > 9,5mm
- > Metallic

REF.		
ASCFTVLM	20	1000

Female - male TV adapter**Characteristics:**

- > 9,5mm
- > Metallic

REF.		
ASPTVFM	100	2500

Female TV connector**Characteristics:**

- > 9,5mm

REF.		
ASCFTV	25	1250
ASFTVFLBL	Blister - Box 2	25 250

Angled TV connector Male**Characteristics:**

- > 9,5mm

REF.		
ASCMTVL	25	1250
ASFTVMBL	Blister - Box 2	25 250

**Angled TV connector
Male + female set****Characteristics:**

- > 9,5mm

REF.		
ASFTVLBL	25	250

Angled TV connector Male**Characteristics:**

- > 9,5mm
- > Metallic

REF.		
ASCMTVLM	20	1000

Shielded splitters (terrestrial and SAT)

“F” connector with current flow (1A max.) on all output

Shielded splitter

2 “F” ways



REF.	Frequency	Insertion loss	Mutual protection	Return loss			
ASR2VPC	5-40MHz	4,2dB	19dB	11dB/In	12dB/Out	1	250
	40-1000MHz	4,7dB	30dB	12dB/In	12dB/Out		
	1000-2050MHz	5,4dB	25dB	12dB/In	12dB/Out		
	2040-2400MHz	5,7dB	22dB	12dB/In	12dB/Out		
	2400-2500MHz	6,0dB	20dB	12dB/In	12dB/Out		

Shielded splitter

3 “F” ways



REF.	Frequency	Insertion loss	Mutual protection	Return loss			
ASR3VPC	5-40MHz	7,0dB	25dB	10dB/In	10dB/Out	1	250
	40-1000MHz	7,7dB	21dB	12dB/In	12dB/Out		
	1000-2050MHz	9,0dB	21dB	12dB/In	12dB/Out		
	2040-2400MHz	10,5dB	20dB	11dB/In	12dB/Out		
	2400-2500MHz	11,5dB	20dB	11dB/In	12dB/Out		

Shielded splitter

4 “F” ways



REF.	Frequency	Insertion loss	Mutual protection	Return loss			
ASR4VPC	5-40MHz	8,1dB	25dB	10dB/In	10dB/Out	1	250
	40-1000MHz	9,0dB	21dB	12dB/In	12dB/Out		
	1000-2050MHz	10,0dB	21dB	12dB/In	12dB/Out		
	2040-2400MHz	11,0dB	20dB	11dB/In	12dB/Out		
	2400-2500MHz	11,3dB	20dB	11dB/In	12dB/Out		

Shielded splitter

6 “F” ways



REF.	Frequency	Insertion loss	Mutual protection	Return loss			
ASR6VPC	5-40MHz	8,1dB	25dB	10dB/In	10dB/Out	1	100
	40-1000MHz	9,0dB	21dB	12dB/In	12dB/Out		
	1000-2050MHz	10,0dB	21dB	12dB/In	12dB/Out		
	2040-2400MHz	11,0dB	20dB	11dB/In	12dB/Out		
	2400-2500MHz	11,3dB	20dB	11dB/In	12dB/Out		

Shielded splitter

8 “F” ways



REF.	Frequency	Insertion loss	Mutual protection	Return loss			
ASR8VPC	5-40MHz	11,5dB	25dB	10dB/In	10dB/Out	1	100
	40-1000MHz	13,0dB	22dB	11dB/In	12dB/Out		
	1000-2050MHz	16,5dB	21dB	11dB/In	12dB/Out		
	2040-2400MHz	17,5dB	20dB	11dB/In	12dB/Out		
	2400-2500MHz	18,2dB	20dB	11dB/In	11dB/Out		



**ENERGY
CONTROL**

Mini motion sensor

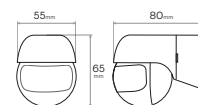
IP44



Characteristics:

- > Adjustable ambient lighting: <3~2000LUX
- > Input voltage: 230V AC
- > Frequency: 50-60Hz
- > Consumption: 0,5W
- > Rating load (LED): 400W
- > Angle of detection: 180°

- > Max detection distance: 12m
- > Installation height on wall: 1,8~2,5m
- > Movement detection speed: 0,6~1,5m/s
- > Operating temperature: -20°C to +40°C
- > Delay: Min. 10 10 ± 3seg.
- > Delay: Max. 15 ± 2 Min.
- > Insulation class: II



REF.	Colour		
ASSMM	○	1	50

Motion sensor

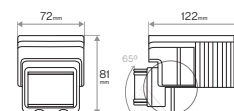
IP44



Characteristics:

- > Adjustable ambient lighting: <3~2000LUX
- > Input voltage: 230V AC
- > Frequency: 50-60Hz
- > Consumption: 0,45W
- > Rating load (LED): 300W
- > Angle of detection: 180°

- > Max detection distance: 12m
- > Detection height: 1,8~2,5m
- > Movement detection speed: 0,6~1,5m/s
- > Operating temperature: -20°C to +40°C
- > Delay: Min. 10 10 ± 3seg.
- > Delay: Max. 7 ± 2 Min.
- > Insulation class: II



REF.	Colour		
ASS118AB	○	1	50
ASS118AP	●	1	50

Infrared motion sensor

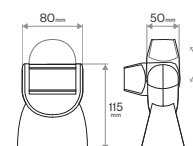
IP65



Characteristics:

- > Adjustable ambient lighting: <3~2000LUX
- > Input voltage: 230V AC
- > Frequency: 50-60Hz
- > Consumption: 0,5W
- > Rating load (LED): 300W
- > Angle of detection: 180°

- > Max. detection distance: 12m
- > Installation height on wall: 1,8~2,5m
- > Operating temperature: -20°C to +40°C
- > Delay: Min. 10 10 ± 3seg.
- > Delay: Max. 15 ± 2Min.
- > Insulation class: II



REF.	Colour		
ASSMIV65	○	1	50

Motion sensor Plus

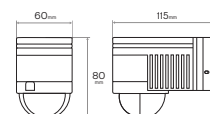
IP44



Characteristics:

- > Adjustable ambient lighting: <3~2000LUX
- > Input voltage: 230V AC
- > Consumption: 0,5W
- > Rating load (LED): 300W
- > Frequency: 50-60Hz

- > Angle of detection: 360°
- > Max detection distance: 12m
- > Installation height: 1,8~2,5m
- > Movement detection speed: 0,6~1,5m/s
- > Operating temperature: -20°C to +40°C
- > Insulation class: II



REF.	Colour		
ASSMP	○	1	50

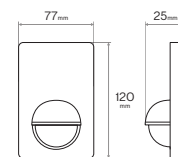
Ultra-thin motion sensor

IP44

**Characteristics:**

- > Adjustable ambient lighting: <3~2000LUX
- > Input voltage: 230V AC
- > Frequency: 50-60Hz
- > Consumption: 0,5W
- > Rating load (LED): 300W

- > Angle of detection: 180°
- > Max detection distance: 12m
- > Installation height: 1,8~2,5m
- > Movement detection speed: 0,6~1,5m/s
- > Operating temperature: -20°C to +40°C
- > Insulation class: II



REF.	Colour		
ASSMUF	○	1	50

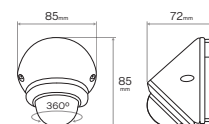
Infrared motion sensor

IP65

**Characteristics:**

- > Adjustable ambient lighting: <3~2000LUX
- > Input voltage: 220-240V AC
- > Frequency: 50-60Hz
- > Consumption: 0,5W
- > Rating load (LED): 400W
- > Angle of detection: 360°

- > Max detection distance: 11m
- > Installation height on wall: 1,8~2,5m
- > Installation height: 2,2~4m
- > Movement detection speed: 0,6~1,5m/s
- > Operating temperature: -20°C to +40°C
- > Insulation class: II



REF.	Colour		
ASSM36065	○	1	50

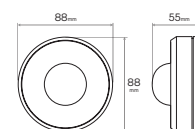
Ceiling surface-mounted motion sensor

IP20

**Characteristics:**

- > Adjustable ambient lighting: <3~2000LUX
- > Input voltage: 230V AC
- > Frequency: 50-60Hz
- > Consumption: 0,5W
- > Rating load (LED): 300W

- > Angle of detection: 360°
- > Max detection distance: 12m
- > Installation height: 2,2~4m
- > Movement detection speed: 0,6~1,5m/s
- > Operating temperature: -20°C to +40°C
- > Insulation class: II



REF.	Colour		
ASSTR	○	1	50

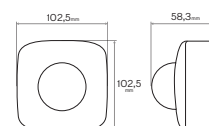
Presence sensor

IP20

**Characteristics:**

- > Adjustable ambient lighting: <3~2000LUX
- > Input voltage: 220-240V AC
- > Frequency: 50-60Hz
- > Consumption: 0,5W
- > Rating load (LED): 1000W

- > Angle of detection: 360°
- > Max detection distance: 20m
- > Installation height: 2,2~6m
- > Operating temperature: -20°C to +40°C
- > Delay: Min. 10 10 ± 3seg.
- > Delay: Max. 30 ± 2Min.
- > Insulation class: II



REF.	Colour		
ASSPT20	○	1	50



Recessed motion sensor

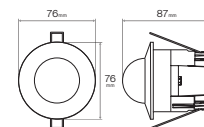
IP20



Characteristics:

- > Adjustable ambient lighting: <3~2000LUX
- > Input voltage: 230V AC
- > Frequency: 50-60Hz
- > Consumption: 0,5W
- > Rating load (LED): 300W
- > Angle of detection: 360°

- > Max.detection distance: max. 3~12m
- > Installation height: 2,2~4m
- > Movement detection speed: 0,6~1,5m/s
- > Operating temperature: -20°C to +40°C
- > Delay: Min. 10 10 ± 3seg.
- > Delay: Max. 15 ± 2Min.
- > Insulation class: II



REF.	Colour		
ASSTRE	○	1	50

Mini recessed motion sensor

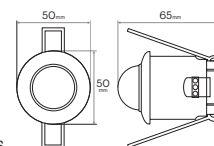
IP20



Characteristics:

- > Input voltage: 220-240V AC
- > Frequency: 50-60Hz
- > Consumption: 0,5W
- > Rating load (LED): 400W

- > Angle of detection: 360°
- > Max detection distance: 6m
- > Installation height on wall: 2,2~4m
- > Movement detection speed : 0,6~1,5m/s



REF.	Colour		
ASMSTRE	○	1	100

Microwave motion sensor

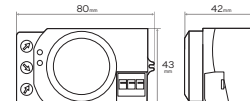
IP20



Characteristics:

- > Adjustable ambient lighting: <3~2000LUX
- > Input voltage: 230V AC
- > Frequency: 50-60Hz
- > Angle of detection: 360°

- > Max detection distance: 1~8m
- > Installation height: 1,5~3,5m
- > Insulation class: II



REF.	Colour		
ASSMV360S	○	1	100

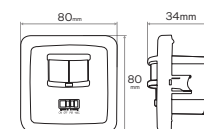
Mini motion sensor



Characteristics:

- > Adjustable ambient lighting: <3~2000LUX
- > Input voltage: 230V AC
- > Frequency: 50-60Hz
- > Rating load (LED): 300W
- > Angle of detection: > 160°
- > Max detection distance: 9m

- > Installation height on wall: 1~1,8m
- > Movement detection speed: 0,6~1,5m/s
- > Operating temperature: -20°C to +40°C
- > Delay: Min. 10 5seg.
- > Delay: Max. 30 ± 2Min.
- > Insulation class: II



REF.	Colour		
ASSE2000	○	1	100

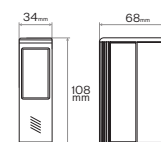
Mini motion sensor with alarm



Characteristics:

- > Input voltage: 9V DC
- > Angle of detection: 60°
- > Max detection distance: 8m

- > Noise level: 60dB
- > Movement detection speed: 0,6~1,5m/s
- > Operating temperature: -10°C to +40°C



REF.	Colour		
ASSMAL1B	○	1	100

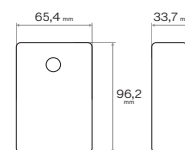
Compact twilight switch

IP44



Characteristics:

- Adjustable ambient lighting: <2~100LUX
- Rated current: 15A
- Input voltage: 230V AC
- Insulation class: II
- Frequency: 50-60Hz
- Operating temperature: -20°C to +40°C



REF.	Colour		
ASICCB	○	1	50

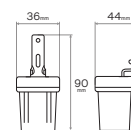
Twilight switch

IP44



Characteristics:

- Adjustable ambient lighting: <5~15LUX
- Rated current: 6A
- Input voltage: 230V AC
- Insulation class: II
- Frequency: 50-60Hz
- Operating temperature: -20°C to +40°C



REF.	Colour		
ASFSX6	●	1	50

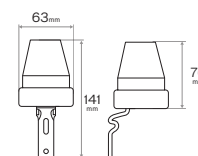
Twilight switch

IP44



Characteristics:

- Adjustable ambient lighting: <5~50LUX
- Rated current: 10A
- Input voltage: 230V AC
- Insulation class: II
- Frequency: 50-60Hz
- Operating temperature: -20°C to +40°C



REF.	Colour		
ASST10	○	1	100

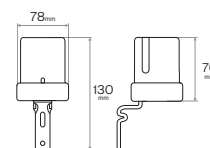
Twilight switch

IP44



Characteristics:

- Adjustable ambient lighting: <5~50LUX
- Rated current: 25A
- Input voltage: 230V AC
- Insulation class: II
- Frequency: 50-60Hz
- Operating temperature: -20°C to +40°C



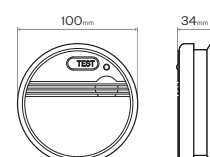
REF.	Colour		
ASST16	○	1	50

Autonomous optical smoke detector



Characteristics:

- Rated voltage: 9V AC
- Alarm: 85dB to 3 metres
- Detection area: 25m² or 50m²
- Operating temp.: 0° - 40°C
- 1 9V battery included
- Low battery indicator
- Test button



REF.	Colour		
ASDF9V	○	48	48



**ELECTRIC
MOBILITY**

Portable electric vehicle charger **NEW**

- Maximum rated power: 3680W
- IP rating: IP65
- IK rating: IK10



Connector: Type 2



Selectable rated current: From 6A to 16A

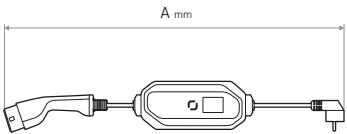
Characteristics:

- > Charge per hour: 6A (1,38kWh)
 - 8A (1,84kWh)
 - 10A (2,30kWh)
 - 13A (2,99kWh)
 - 16A (3,68kWh)
- > Input voltage: 230V AC
- > Output voltage: 230V AC
- > Cable length: 5m
- > Cable isolation resistance: >1000 MΩ (DC 500V)
- > Input cable dimension: 3x2,5mm² + 2x0,5mm²
- > Output cable dimension: 3x2,5mm² + 1x0,5mm²
- > Display: **Colour**
- > Electric network: **TN-C, TN-S, not adequate for the system TN-C-S**
- > Relative humidity (maximum at 40°C): 75%
- > Operating temperature: -25°C ->+45°C
- > Material: **Polycarbonate**
- > Certification: TUV CE, CB, RoHs

Portable electric vehicle charger **NEW**



Storage bag



REF.	kW	Dimensions (A)		
ASVECP	3,68	5000mm	1	4



Charging station **NEW**

- Display: Colour
- Residual current device: 6mA DC /30mA AC
- Cable power wiring
- IP rating: IP65



Connector: type 2



Installation: on pedestal



Installation: on the wall



Accessories included

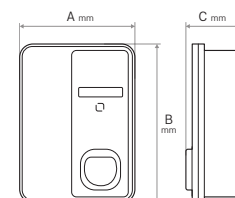


Single-phase charging station **NEW** 7,4kW



Characteristics:

- > Input voltage: 230V AC
- > Rated current: 32A
- > Frequency: 50Hz
- > Cable length: 5m
- > Cable specification: 3x6mm² + 1x0,5mm²
- > Operating temperature: -25°C + 45°C
- > Operating humidity: 5%~95%
- > Material: Polycarbonate



REF.	Rated power	Dimensions (A x B x C)		
ASVEPC7	7,4kW	245 x 335 x 130 mm	1	1

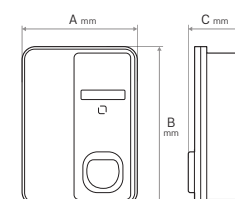


Three-phase charging station **NEW** 22kW



Characteristics:

- > Input voltage: 400V AC
- > Rated current: 32A
- > Frequency: 50Hz
- > Cable length: 5m
- > Cable specification: 5x6mm² + 1x0,5mm²
- > Operating temperature: -25°C + 45°C
- > Operating humidity: 5%~95%
- > Material: Polycarbonate

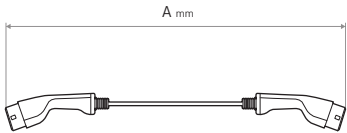


REF.	Rated power	Dimensions (A x B x C)		
ASVEPC22	22kW	245 x 335 x 130 mm	1	1

Electric vehicle charging cable **NEW**



- Characteristics:**
- > Input voltage: 400V AC
 - > Rated current: 32A
 - > Frequency: 50 - 60Hz
 - > Connector: type 2



REF.	kW	Dimensions (A)		
ASVECC22	22	5000mm	1	4

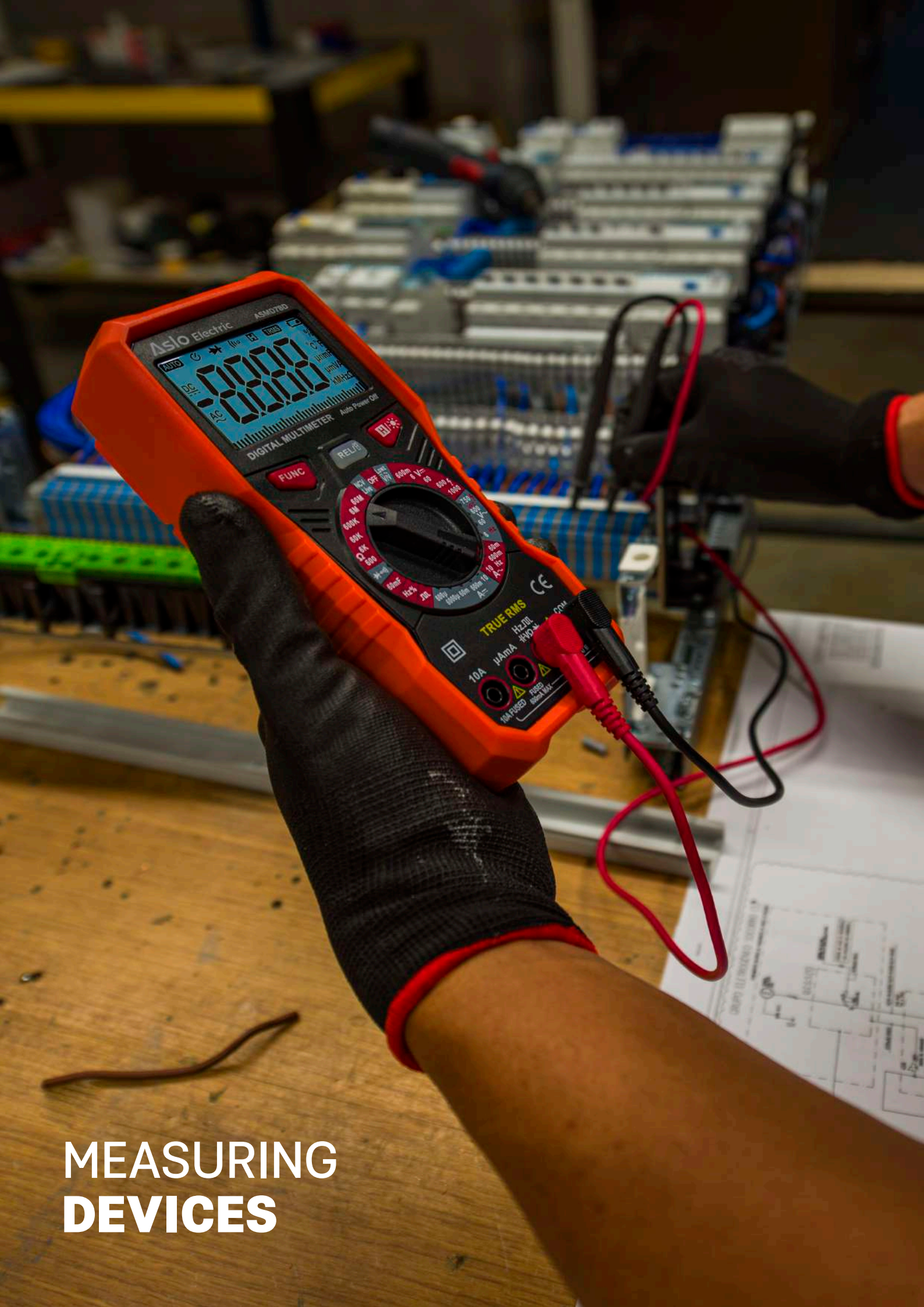
Accessories for
Portable chargers /
Charging stations
for electric vehicles



Reference	ASVESCP	ASVESC	ASVEPPC
Designation	Electric vehicle portable charger holder	Storage bag for electric vehicle charger	Electric vehicle charging station pedestal
This accessory can be used with the following references	ASVECP	ASVECP ASVECC22	ASVEPC7 ASVEPC22
Dimensions:	-	-	150 x 1350 x 50 mm



Reference	ASVEC21	ASVECT2	ASVECT2GBT
Designation	Electric vehicle adapter type 2 to 1	Electric vehicle adapter TESLA to type 2	Electric vehicle adapter TESLA to GBT



MEASURING DEVICES

Digital multimeters



ASLO Electric's new range of measuring instruments: Simplicity and Safety.
ASLO's new electrical measuring instruments stand out for their

innovative design and user-friendliness, setting new standards in terms of precision, reliability and safety. Electrical safety as a basic requirement for high-quality devices.

Mini digital multimeter

CAT III - 600 V



Characteristics:

- > Maximum voltage: CAT III 600V
- > Ind. above the range: "1" or "-1"
- > Low battery indicator: yes
- > Automatic display of negative polarity "-"
- > Max. display LCD: 1999 (3 1/2 digits)
- > Fuse protection: F-200mA / 250V (Ø5x20mm)
- > Power source: 9V, 6F22 or NEDA 1604 battery
- > Operating temp.: 0° to 40° (relative humidity <85%)
- > Storage temp.: -10° to 50° (relative humidity <85%)
- > Guaranteed prec. temp.: 23±5°C (relative humidity <85%)

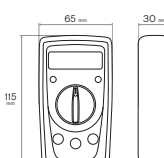
Main functions:

- > DC voltage: 200mV - 500V
- > AC voltage: 200mV - 500V

- > DC current: 200µA - 10A
- > Resistance: 200Ω - 2mΩ
- > Test - diode
- > Continuity
- > Square wave
- > Data on hold
- > Back light
- > Contactless voltage detection (NVC)
- > Line test

Accessories:

- > Test cable: Electric classification 1000V 10A
- > Battery: 9V, 6F22 or NEDA 1604
- > Fuse: F-200mA/ 250V



REF.

ASMD880L

1 80

Digital multimeter

CAT III - 500 V



Characteristics:

- > Maximum voltage: CAT III 500V
- > Surge protection
- > Data storage function
- > LCD with automatic back light
- > Power source: One 9V, 6F22 battery
- > Operating temp.: 0° to 40° (32°~104°%)
- > Storage temp.: -10° to 60° (14°~122°)
- > Relative humidity: <70% RH
- > Prec. Guaranteed temp: 23±5°C (relative humidity <85%)

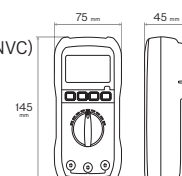
Main functions:

- > DC voltage: 200mV - 500V

- > AC voltage: 200mV - 500V
- > DC current: 200µA - 10A
- > Resistance: 200Ω - 2mΩ
- > Test - diode
- > Continuity
- > Square wave
- > Data on hold
- > Back light
- > Contactless voltage detection (NVC)
- > Line test

Accessories:

- > Test cable
- > Battery: 9Vx1



REF.

ASMD36A

1 60

Pen type digital multimeter

CAT III - 600 V



Characteristics:

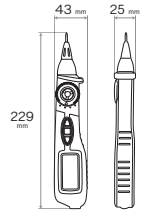
- Maximum voltage: CAT III 600V DC/AC
- Overload protection
- Screen: LCD 20mm
- Max number displayed: 1999 (3 1/2)
- Polarity ind.: "-" indicates negative polarity
- Overload ind.: The screen shows "OL"
- Sample time: Approx. 0.4seg.
- Unit: show function and electrical capacity
- Low battery indicator: yes
- Power off time: 15 min.
- Input voltage: 1.5V x 2 AAA batteries
- Operating temp.: 0°C to 40°C
- Storage temp.: -10°C to 50°C

Main functions:

- DC voltage: 200mV-60V
- AC voltage: 2V-600V
- Resistance: 200Ω - 02mΩ
- Continuity
- Test diode
- Contactless voltage detection (NVC)

Accessories:

- Test cable: Electric charact 600V 10A
- Test clip: Electric charact 600V 10A
- Batteries: 1,5V AAA
- Protective case



REF.

ASMDL3311D

1 60

Professional digital multimeter

CAT IV - 600 V | TRMS 78D



Characteristics:

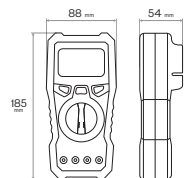
- Max input voltage between input terminal and earth: 600 VRMS
- Measurement principle: Integral double A/D conversion
- Sample rate: Approx. 2 times/sec.
- Selection range: Automatic range key
- Selection above range
- Input polarity: Shows "-"
- Low battery indicator: yes
- Power source: DC 1.5V x 3 AAA
- Maximum conductor diameter: 23mm
- Operating temp.: 0°C to 40°C (<80% RH)
- Storage temp.: -10°C to 60°C (<70% RH)

Auto detection ACV/ DCV

- V.F.C. measurement
- True RMS
- Analogue bar display
- Line test
- Back light display
- Data HOLD
- Relative measurement mode
- Automatic power off
- Low voltage indicator
- Icon display
- Frequency
- Capacitance
- Square wave output
- Contactless voltage detection
- Torch
- Overload display

Accessories:

- Probe tips
- 2x 1.5V AA batteries
- Protective case



REF.

ASMD78D

1 30

Professional digital clamp meter

CAT III - 600 V | TRMS



Characteristics:

- Max input voltage: AC 750 VRMS, DC 1000V
- Measurement principle: Integral double A/D conversion
- Sample rate: Approx. 2 times/sec.
- Input polarity indicator: Automatically shows "-"
- Low battery indicator: yes
- Battery: 1.5V AA x 2
- Operating temp.: 0°C to 40°C (<80% RH)
- Storage temp.: -10°C to 60°C (<70% RH)
- Maximum opening of clamp: 23mm

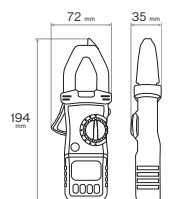
- Frequency: 10Hz-10MHz
- Temperature: -20°C - 1000°C
- Test diode
- Torch
- Continuity test
- Automatic power off
- NCV detection
- Line test
- Auto / Manual (RAN)
- Function selection (SEL)
- Data saving (HOLD)
- Relative value (REL)
- Back light display
- Peak current
- True RMS

Main functions:

- Max. display: 6000
- Basic precision: 0.50%
- DC voltage: 600mV-1000V
- AC voltage: 600mV-750V
- DC current: 60A-1000A
- AC current: 60A-1000A
- Resistance (Ω): 600-60m
- Capacitance: 10nF-100mF

Accessories:

- Probe tips
- Temperature probe
- Protective case



REF.

ASPAD1000

1 30

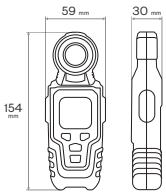
Luxmeter



- Characteristics:**
- > Screen: Colour LCD with 4 digits
 - > Measurement range: 0 Lux~200K, 0Fc~20KFc
 - > Resolution: <1000:0,1 ; <1000:1
 - > Spectral response: CIE photopic
 - > Out of range indicator: “-OL-” or “-LO-”
 - > Spectral precision: CIE VY function ($f_1 \leq 6\%$, $f_2 \leq 2\%$)
 - > Precision: $\pm 3\%$ rdg $\pm 8\text{df}$ (<10000Lux)
 $\pm 4\%$ rdg $\pm 10\text{df}$ (<10000Lux)
 - > Sample rate: 500ms
 - > Photo detector: Silicon photo diode with spectral

- response filter
- > Battery life: 60H minimum
 - > Operating temp.: -20°C to 60°C (-4° to 140°F) 10~90% RH
 - > Storage temp.: -20°C to 60°C (-4° to 140°F) 10~75% RH
 - > Batteries: 3x1.5V AAA

- Accessories:**
- > 3x 1.5V AAA batteries



REF.

ASL870

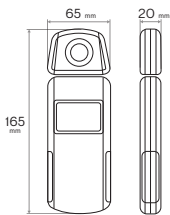


1 60

Luxmeter JT - 813



- Characteristics:**
- > Measurement range: 1~100000 LUX
 - > Rigid conductor: <3% RGD $\pm 0.5\%$ FS
 - > Measurement storage
 - > Automatic power off



REF.

ASLJT813



1 -

Network and coaxial cable tester



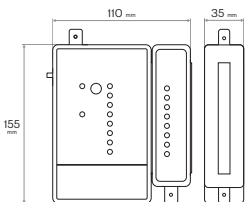
- Characteristics:**
- > Alimentação: Pilha alcalina: 9V
 - > Compatible connector types: RJ45, BNC

Cables que podem ser testados:

- > EIA/ TIA 568A/ 56B RJ45 cable
- > BNC (10Base-T) cable
- > 100 Base-TX, 1000Base-TX cable
- > Coaxial, AT&T 258A, Token ring cable



Protective case



REF.

ASTCRC



1 100

Accessories
for digital multimeters



Reference	ASPPMD36A	ASPPMD78D	ASPPPAD1000
Designation	Test leads for digital multimeter	Test leads for digital multimeter	Test leads for digital multimeter
Contents of the board	For digital multimeter ASMD36A	For digital multimeter ASMD78A	For digital multimeter ASPAD1000



TERTIARY

Automatic hand dryer **NEW**

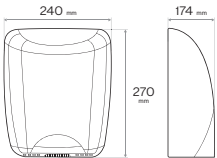


The hand dryer is robust and compact, made from 1.5mm thick 304 stainless steel to protect against corrosion and vandalism, and is the ideal dryer for the most demanding environments. The compact and powerful shape ensures that the hand dryer can be placed in narrower, smaller bathrooms where wall space is limited. The intelligent heating technology means the 'ECO AIR' sensor detects the ambient temperature of the bathroom and then automatically adjusts the

temperature of the air flow to keep running costs down. The automatic operation and its contactless technology ensures a more hygienic hand-drying experience, without the need for contact with the unit. Ideal for use in hotels, restaurants/café's, offices, hospitals, shopping centres, etc...

Characteristics:

- › Rated voltage: 220-240V AC
- › Frequency: 50/ 60Hz
- › Fan speed: 26000 rpm
- › Motor power: 550W
- › Rated current: 8.0A
- › Air speed: 100m/s
- › Drying time: 7-12sec
- › Protection time: 60sec.
- › Noise level: 72dB
- › Material: stainless steel AISI 304
- › Housing thickness: 1.2mm
- › Insulation class: I
- › With automatic sensor
- › IP rating: IPX1



REF.	I(A)	Rated power		
ASAIRJETB	10A	1800W	1	4



Automatic hand dryer

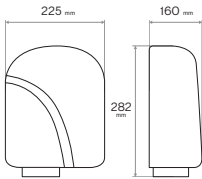


The hand dryer is robust and compact, made of high-quality ABS plastic, hard-wearing and suitable for low-traffic areas. The power consumption is 1500W and it has a

drying time of around 20 to 30 seconds, this is the economical hand dryer with high energy efficiency and a contemporary design.

Characteristics:

- › Rated voltage: 220V AC
- › Frequency: 50/ 60Hz
- › Fan speed: 27000 rpm
- › Motor power: 100W
- › Rated current: 6.6A
- › Air speed: 12m/s
- › Drying time: 20/30sec
- › Protection time: 60seg
- › Noise level: 60 dB
- › Material: ABS
- › Housing thickness: 3mm
- › Insulation class: II
- › With automatic sensor
- › IP rating: IPX1



REF.	I(A)	Rated power		
ASAIRB	10A	1500W	1	8



Automatic hand dryer

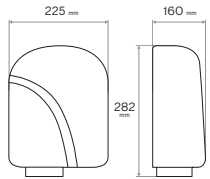


Used primarily as a silent hand dryer, with only 60 dB at a distance of 1m to ensure that noise coming from the bathroom is kept to a minimum. This automatic hand dryer uses a warm, comfortable airflow to dry users' hands in around 20 to 30 seconds. Made from stainless steel for a robust,

long-lasting option and with automatic operation, users don't need to come into contact with the unit. Contains strong anti-vandal locking properties and screws.

Characteristics:

- › Rated voltage: 220V AC
- › Frequency: 50/ 60Hz
- › Fan speed: 27000 rpm
- › Motor power: 100W
- › Rated current: 6.6A
- › Air speed: 12m/s
- › Drying time: 20/30sec
- › Protection time: 60seg
- › Noise level: 60 dB
- › Material: stainless steel 304
- › Housing thickness: 1,2mm
- › Insulation class: I
- › With automatic sensor
- › IP rating: IPX1



REF.	I(A)	Rated power		
ASAIRI	10A	1500W	1	8



Dual jet hand dryer

- Fan speed: 21000 rpm ○ Motor power: 800W
- Air speed: 95m/s ○ Dual air jet ○ Automatic sensor ○ IP rating: IPX4



Switch control



Drainage tank
Easy cleaning



Air filter



Blue LED light comes on
when it is activated

Extremely energy-efficient, with a super-powerful airflow (dual air jet) that provides a fast and efficient experience, with a drying time of between 5 and 7 seconds. Equipped with a high-speed motor and an impressive air speed of 95m/second, it dries hands economically, thus reducing environmental impact. The automatic activation, contactless technology, ensures a more hygienic hand

drying experience, with no need to touch the unit. It also has a water collection tray to prevent accumulations on the floor. Manufactured with an ABS housing and a modern, vandal-proof design, the hand dryer is the ideal solution for use in hotels, offices, restaurants, hospitals, shopping centres, etc...

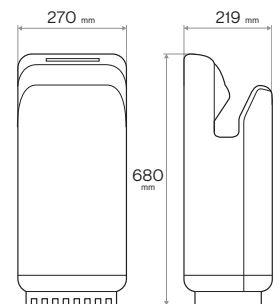
Dual jet hand dryer



Characteristics:

- › Rated voltage: 220V AC
- › Frequency: 50/ 60Hz
- › Rated current: 7.2A
- › Drying time: 5~7sec
- › Protection time: 60sec

- › Noise level: 72 dB
- › Material: stainless steel 304
- › Housing thickness: 3mm
- › Insulation class: I
- › Material: ABS
- › Automatic activation



REF.	I(A)	Rated power		
ASSEKB	10A	1650W	1	2



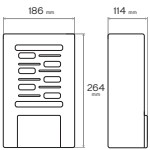


Insect killer
MASK Series



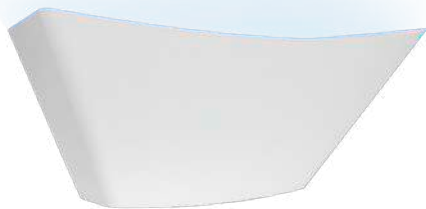
The MASK insect killer is silent and odourless. Install in a dark area to avoid interference from nearby light sources. Mount on the wall up to 2.20 metres high. Replace the bulb every year. Replace the adhesive plates every 2 months.

- Characteristics:**
- › Type of bulb: 1x20W max.
 - › Cover: 50m²
 - › Rated voltage: 230V AC
 - › Frequency: 50Hz
 - › Bulb holder: E14



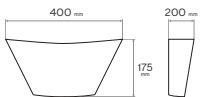
REF.	Colour		
ASINSMASK20BR	○	1	-
ASINSMASK20IX	●	1	-

Insect killer
DIPTERA Series



The insects are attracted by the UV light of the DIPTERA insect catcher and stick to the adhesive plate inside. Mount on the wall or floor.

- Characteristics:**
- › Type of bulb: 1x20W max.
 - › Cover: 50m²
 - › Rated voltage: 230V AC
 - › Frequency: 50Hz
 - › Bulb holder: E14



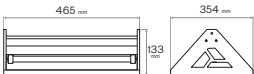
REF.	Colour		
ASINSDIPT20BR	○	1	-
ASINSDIPT20IX	●	1	-

Insect killer
TRAP304 Series



The TRAP304 insect killer has a contemporary design and is made of stainless steel, compact and easy to maintain

- Characteristics:**
- › Type of bulb: 2x15W-T8
 - › Cover: 80m²
 - › Rated voltage: 230V AC
 - › Frequency: 50Hz
 - › Material: Stainless steel AISI 304



REF.	Colour		
ASINSTRAP30IX	●	1	-

Insect killer accessories

Tube
for insect
catchers

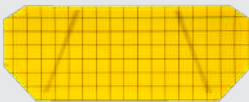


Reference	ASINSLAMP15W	ASINSLAMP18W
Designation	Coated insect killer tube	Coated insect killer tube
Power	15W	18W
Lamp holder	G13	G13
Type	T8	T8
Service life	9000h	13000h
Operating temperature	-15° to +40°C	-15° to +40°C
Dimensions	450x28mm	600x28mm
Compatible with	ASINSTRAP30IX	ASINSTRAP30IX

Tube
for insect
catchers



Reference	ASINSLAMP20W	ASINSLAMP20WE27
Designation	Coated insect killer bulb	Coated insect killer bulb
Power	20W	20W
Lamp holder	E14	E27
Voltage	220-240V AC	220-240V AC
Frequency	50-60Hz	50-60Hz
Dimensions	43x175mm	43x180mm
Compatible with	ASINMASK20BR ASINMASK20IX ASINDIPT20BR ASINDIPT20IX	-

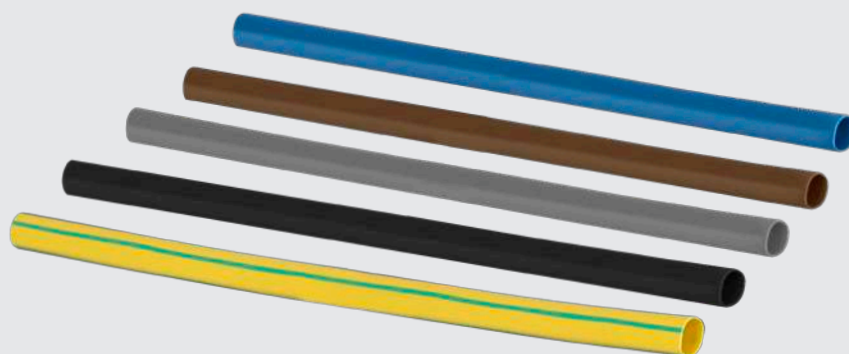


Reference	ASINSRECMASK	ASINSRECDIPT	ASINSRECTRAP
Designation	Adhesive plate for coated insect killer MASK series	Adhesive plate for coated insect killer DIPTERA series	Adhesive plate for coated insect killer TRAP304 series
Quantity:	6	6	6
Dimensions:	160 x 195 mm	465 x 180 mm	390 x 302 mm
Compatible with:	ASINSMASK20BR ASINSMASK20IX	ASINSDIPT20BR ASINSDIPT20IX	ASINSTRAP30IX



**INSTALLATION
MATERIAL**

Heat shrink tubing **NEW**



ASLO offers a wide range of coloured heat shrink sleeves. These are perfect for colour coding different cables or conductors.

Material:

Radiation cross-linked polyolefin tube, strong and flexible, with good resistance to solvents and fluids in general, and high dielectric strength.

Application:

Protection and insulation of connectors, electric busbars and electric

harnesses.

Characteristics:

- › Flexible
- › Flame retardant
- › Continuous operating temperature: -55°C~125°C
- › Full shrink temperature: >125°C
- › Lengths: 1000mm

Heat shrink tube **NEW**

Adhesive-free thin wall



REF.	Colour	Diameter		
ASTTPFSR2AZ	●	2 / 1 mm	100	2500
ASTTPFSR3AZ	●	3 / 1,5 mm	100	1500
ASTTPFSR4AZ	●	4,5 / 2,3 mm	100	800
ASTTPFSR6AZ	●	6 / 3 mm	50	500
ASTTPFSR8AZ	●	8 / 4 mm	50	800
ASTTPFSR13AZ	●	13 / 6,5 mm	50	600
ASTTPFSR18AZ	●	18 / 9 mm	25	500
ASTTPFSR25AZ	●	25 / 12,5 mm	25	300
ASTTPFSR40AZ	●	40 / 20 mm	10	200
ASTTPFSR50AZ	●	50 / 25 mm	10	150

Heat shrink tube **NEW**

Adhesive-free thin wall



REF.	Colour	Diameter		
ASTTPFSR2CT	●	2 / 1 mm	100	2500
ASTTPFSR3CT	●	3 / 1,5 mm	100	1500
ASTTPFSR4CT	●	4,5 / 2,3 mm	100	800
ASTTPFSR6CT	●	6 / 3 mm	50	500
ASTTPFSR8CT	●	8 / 4 mm	50	800
ASTTPFSR13CT	●	13 / 6,5 mm	50	600
ASTTPFSR18CT	●	18 / 9 mm	25	500
ASTTPFSR25CT	●	25 / 12,5 mm	25	300
ASTTPFSR40CT	●	40 / 20 mm	10	200
ASTTPFSR50CT	●	50 / 25 mm	10	150

Heat shrink tube ^{NEW}

Adhesive-free thin wall



REF.	Colour	Diameter		
ASTTPFSR2CZ	●	2 / 1 mm	100	2500
ASTTPFSR3CZ	●	3 / 1,5 mm	100	1500
ASTTPFSR4CZ	●	4,5 / 2,3 mm	100	800
ASTTPFSR6CZ	●	6 / 3 mm	50	500
ASTTPFSR8CZ	●	8 / 4 mm	50	800
ASTTPFSR13CZ	●	13 / 6,5 mm	50	600
ASTTPFSR18CZ	●	18 / 9 mm	25	500
ASTTPFSR25CZ	●	25 / 12,5 mm	25	300
ASTTPFSR40CZ	●	40 / 20 mm	10	200
ASTTPFSR50CZ	●	50 / 25 mm	10	150

Heat shrink tube ^{NEW}

Adhesive-free thin wall



REF.	Colour	Diameter		
ASTTPFSR2PR	●	2 / 1 mm	100	2500
ASTTPFSR3PR	●	3 / 1,5 mm	100	1500
ASTTPFSR4PR	●	4,5 / 2,3 mm	100	800
ASTTPFSR6PR	●	6 / 3 mm	50	500
ASTTPFSR8PR	●	8 / 4 mm	50	800
ASTTPFSR13PR	●	13 / 6,5 mm	50	600
ASTTPFSR18PR	●	18 / 9 mm	25	500
ASTTPFSR25PR	●	25 / 12,5 mm	25	300
ASTTPFSR40PR	●	40 / 20 mm	10	200
ASTTPFSR50PR	●	50 / 25 mm	10	150

Heat shrink tube ^{NEW}

Adhesive-free thin wall



REF.	Colour	Diameter		
ASTTPFSR2VA	●	2 / 1 mm	100	2500
ASTTPFSR3VA	●	3 / 1,5 mm	100	1500
ASTTPFSR4VA	●	4,5 / 2,3 mm	100	800
ASTTPFSR6VA	●	6 / 3 mm	50	500
ASTTPFSR8VA	●	8 / 4 mm	50	800
ASTTPFSR13VA	●	13 / 6,5 mm	50	600
ASTTPFSR18VA	●	18 / 9 mm	25	500
ASTTPFSR25VA	●	25 / 12,5 mm	25	300
ASTTPFSR40VA	●	40 / 20 mm	10	200
ASTTPFSR50VA	●	50 / 25 mm	10	150

Heat shrink tubing / caps

The heat-shrinkable tube with resin has an inner layer of flexible adhesive that is perfect for sealing the outer tube and cable insulation against water. The tube has a cross-linked outer wall (polyolefin) and an inner layer of adhesive. Once heated, the inner adhesive wall melts and flows.

This process creates a layer of adhesion that ensures a perfect fit to the cable, wire or connector. It is ideal for producing a weather-resistant seal with additional mechanical strength and excellent corrosion protection.

Application:

Protection or reinforcement of conductor insulation. Can be placed over the conductor or cable. Insulation with marked compression against humidity.

Used to protect and insulate cables and connections

Characteristics:

- › 3:1 shrinkage ratio, non-flame retardant
- › Sealing and protecting cable splices and terminations
- › Robust mechanical protection
- › Complete sealing against moisture
- › Strain relief for delicate wire connections
- › High impact and abrasion resistance
- › Thermoplastic adhesive lining for complete environmental protection and insulation
- › Continuous operating temperature: -45°C-125°C
- › Full shrink temperature: 125°C



Heat shrink tube ^{NEW}

Medium wall with adhesive

REF.	Diameter (Before shrinkage)	Diameter (Shrinkage nodes)		
ASTTPMR8PR	8 mm	12 mm	50	300
ASTTPMR12PR	12 mm	3 mm	30	150
ASTTPMR16PR	16 mm	5 mm	50	200
ASTTPMR25PR	25,4 mm	8 mm	1	85
ASTTPMR33PR	33 mm	8 mm	1	50
ASTTPMR43PR	43,2 mm	12,7 mm	1	35
ASTTPMR56PR	55 mm	16 mm	1	25
ASTTPMR65PR	65 mm	19 mm	1	25
ASTTPMR75PR	75 mm	22 mm	1	25
ASTTPMR95PR	95 mm	30 mm	1	20
ASTTPMR115PR	115 mm	34 mm	1	20
ASTTPMR140PR	140 mm	42 mm	1	25

Heat shrink caps

Made from polyolefin, used to insulate the ends of power and telecommunications cables.

Used to seal cable ends during installation or storage, protecting them

against oxidation, ozone, UV rays, etc. Coated with hot-melt adhesive to ensure a reliable cable seal.



Heat shrink end cap ^{NEW}

With adhesive

Characteristics:

- › Cladding: Hotmelt adhesive
- › Material: Reticulated polyolefin

REF.	Height	Diameter (Before shrinkage)	Diameter (Shrinkage nodes)	Applicable cable outer diameter		
ASCTR16	70	16	8,5	9-14	1	2000
ASCTR20	70	20	8,5	9-17	1	1500
ASCTR25	80	25	11	12-22	1	1500
ASCTR30	95	30	16	15-25	1	800
ASCTR40	95	40	15	20-35	1	600
ASCTR55	125	55	26	28-45	1	300



Heat-shrink cable breakouts/joints

Made from cross-linked polyolefin and coated with adhesive on the body and fingers to form a watertight seal, for sealing cable ends and protecting them against humidity.

High waterproofing capacity, electrical insulation and mechanical resistance for 2 and 4 core cables. Shrinking temperature: starts at 90°C and is complete at 130°C.

Heat shrink cable breakout ^{NEW}

With resin - 2 Core cables



Characteristics:

- › Waterproofing
- › Electrical isolation

- › Mechanical resistance for 2 core cables
- › Shrink temperature: 90°C ~ 130°C
- › Material: Reticulated polyolefin

REF.	Diameter		
ASETR22413	4-16 / 12 mm	1	1100

Heat shrink cable breakout ^{NEW}

With resin - 4 Core cables



Characteristics:

- › Waterproofing
- › Electrical isolation

- › Mechanical resistance for 4-core cables
- › Shrink temperature: 90°C Completed at 130°C
- › Material: Reticulated polyolefin

REF.	Diameter		
ASETR43818	4 - 38 / 18 mm	1	600
ASETR45025	4 - 50 / 25 mm	1	450
ASETR47032	4 - 70 / 32 mm	1	200
ASETR48245	4 - 82 / 45 mm	1	120

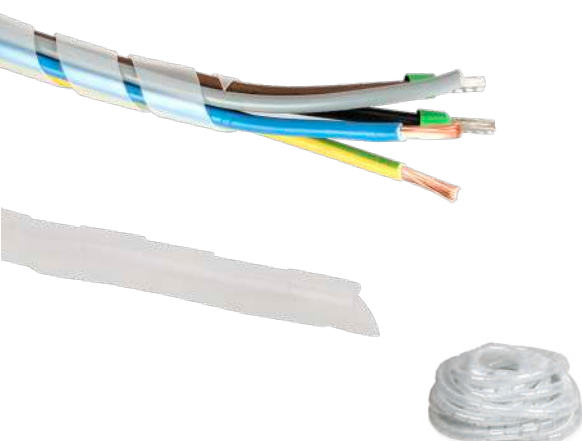
Heat shrink cable joint ^{NEW}



REF.	Diameter		
ASUT22663	22 / 6 - 6 / 3 4 x 1,5 - 4 mm ²	1	100

Spiral wrapping band

for bundles of conductors



Characteristics:

- › For bundles of conductors
- › Material: PE (Polyethylene)

- › Operating temperature: -40°C ~ +60°C
- › Colour: Transparent
- › Rolls: 10 m

REF.	Diameter	Ext diameter	Grouping diameter		
ASFE6	5 mm	6 mm	4,0-50,0 mm	1	100
ASFE8	7 mm	8 mm	6,0-60,0 mm	1	80
ASFE10	8,5 mm	10 mm	7,50-50,0 mm	1	50
ASFE12	10,2 mm	12 mm	9,0-65,0 mm	1	40
ASFE15	13 mm	15 mm	12,0 - 70,0 mm	1	25
ASFE19	16,4 mm	19 mm	15,0 - 100,0 mm	1	17

Butt splice

**Characteristics:**

› Butt splice for conductors with a cross-section of 1.5 - 185mm²

REF.	Cross-section	D	B	L		
ASU01	1,5mm ²	3,7	1,8	20	100	3000
ASU02	2,5mm ²	4	2,5	20	100	3000
ASU04	4,0mm ²	4,8	3,1	20	100	2000
ASU06	6,0mm ²	5,5	3,8	25	100	2000
ASU10	10mm ²	6,8	4,8	30	100	1000
ASU16	16mm ²	7,5	5,5	35	100	1400
ASU25	25mm ²	9	7	40	100	400
ASU35	35mm ²	10,5	8,1	45	100	300
ASU50	50mm ²	12,5	9,8	50	50	150
ASU70	70mm ²	14,5	11,8	55	50	100
ASU95	95mm ²	17,5	13,8	60	30	60
ASU120	120mm ²	19	16,2	65	20	60
ASU150	150mm ²	21	18	70	20	40
ASU185	185mm ²	23	19,6	75	10	40

Terminal biMetallic

DTL-1

**Characteristics:**

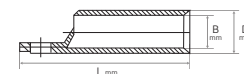
› Eye terminal for conductors with cross-section 16 - 240mm²

› Material: copper/ aluminium

REF.	Cross-section	D	B	L	Ø		
ASTAC116	16mm ²	11	6	67	8	20	100
ASTAC125	25mm ²	12	8	73	8	20	100
ASTAC135	35mm ²	14	8	83	10	20	140
ASTAC150	50mm ²	16	9	88	10	10	30
ASTAC170	70mm ²	18	13	99	12	10	60
ASTAC195	95mm ²	20	14	105	12	10	40
ASTAC1120	120mm ²	22	15	115	14	10	30
ASTAC1150	150mm ²	24	16	125	14	10	30
ASTAC1185	185mm ²	27	18	132	16	10	20
ASTAC1240	240mm ²	30	20	140	16	10	20

Terminal biMetallic

DTL-2

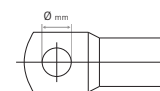
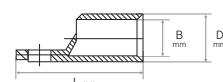
**Characteristics:**

› Eye terminal for conductors with cross-section 16 - 185mm²

› Material: cobre/ aluminio

REF.	Cross-section	D	B	L	Ø		
ASTAC216	16mm ²	12	5	77	10	10	80
ASTAC225	25mm ²	16	6	85	13	10	80
ASTAC235	35mm ²	16	8	85	13	10	80
ASTAC250	50mm ²	20	9	90	12	5	60
ASTAC270	70mm ²	20	11	90	13	5	60
ASTAC295	95mm ²	20	12	91	13	5	60
ASTAC2120	120mm ²	25	13	105	13	5	30
ASTAC2150	150mm ²	25	15	105	12	5	30
ASTAC2185	185mm ²	32	18	123	13	5	20

Bellmouth lug



Characteristics:

- › Eye terminal for conductors with cross-section 2.5 - 240mm²
- › Material: 99.9% tin-plated copper T2 tube
- › Ambient operating temperature: -55°C to 150°C

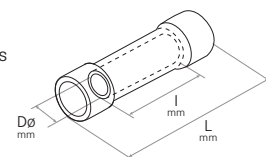
REF.	Cross-section	D	B	L	Ø		
AST0204	2,5mm ²	4	2,5	19	4, 5, 6	100	3000
AST0206	2,5mm ²	4	2,5	19	4, 5, 6	100	3000
AST0404	4mm ²	4,8	3,1	21	5, 6	100	3000
AST0406	4mm ²	4,8	3,1	21	5, 6	100	3000
AST0606	6mm ²	5,5	3,8	24	5, 6, 8	100	2000
AST0608	6mm ²	5,5	3,8	24	5, 6, 8	100	2000
AST1006	10mm ²	6,8	4,8	25,5	6, 8	100	1000
AST1008	10mm ²	6,8	4,8	25,5	6, 8	100	1000
AST1010	10mm ²	6,8	4,8	25,5	6, 8	100	1000
AST1606	16mm ²	7,5	5,5	30,5	6, 8, 10	100	900
AST1608	16mm ²	7,5	5,5	30,5	6, 8, 10	100	900
AST1610	16mm ²	7,5	5,5	30,5	6, 8, 10	100	900
AST1612	16mm ²	7,5	5,5	30,5	6, 8, 10	100	900
AST2506	25mm ²	9	7	34	6, 8, 10	100	600
AST2508	25mm ²	9	7	34	6, 8, 10	100	600
AST2510	25mm ²	9	7	34	6, 8, 10	100	600
AST2512	25mm ²	9	7	34	6, 8, 10	100	600
AST3508	35mm ²	10,5	8,2	38	6, 8, 10, 12	100	400
AST3510	35mm ²	10,5	8,2	38	6, 8, 10, 12	100	400
AST3512	35mm ²	10,5	8,2	38	6, 8, 10, 12	100	400
AST5008	50mm ²	12,5	9,8	45	8, 10, 12	100	300
AST5010	50mm ²	12,5	9,8	45	8, 10, 12	100	300
AST5012	50mm ²	12,5	9,8	45	8, 10, 12	100	300
AST7008	70mm ²	14,5	11,5	50	8, 10, 12	50	150
AST7010	70mm ²	14,5	11,5	50	8, 10, 12	50	150
AST7012	70mm ²	14,5	11,5	50	8, 10, 12	50	150
AST9508	95mm ²	17,5	13,8	55,5	10, 12	50	100
AST9510	95mm ²	17,5	13,8	55,5	10, 12	50	100
AST9512	95mm ²	17,5	13,8	55,5	10, 12	50	100
AST9514	95mm ²	17,5	13,8	55,5	10, 12	50	100
AST1208	120mm ²	19,5	15,5	63	12, 16	40	80
AST12010	120mm ²	19,5	15,5	63	12, 16	40	80
AST12012	120mm ²	19,5	15,5	63	12, 16	40	80
AST12014	120mm ²	19,5	15,5	63	12, 16	40	80
AST15010	150mm ²	21	16,5	71	12, 16	20	60
AST15012	150mm ²	21	16,5	71	12, 16	20	60
AST15014	150mm ²	21	16,5	71	12, 16	20	60
AST18510	185mm ²	23,5	18,5	78	16	20	40
AST18512	185mm ²	23,5	18,5	78	16	20	40
AST18514	185mm ²	23,5	18,5	78	16	20	40
AST18516	185mm ²	23,5	18,5	78	16	20	40
AST24012	240mm ²	26,5	21	92	16	10	30
AST24014	240mm ²	26,5	21	92	16	10	30
AST24016	240mm ²	26,5	21	92	16	10	30



Insulated crimp link

Characteristics:

- › Fully insulated electrolytic copper joint for joining conductors
- › Material: - Isolation: PVC
 - Body: Copper
 - Cladding: Brass

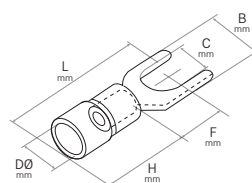


REF.	I(A)máx	Colour	Cross-section	Dø	I	L		
ASBV125	19A	●	0,50-1,50mm ²	1,7	15	26	10	200
ASBV2	27A	●	1,50-2,50mm ²	2,3	15	26	10	200
ASBV55	48A	●	4-6mm ²	3,4	15	26	5	100

Insulated U-type lug

Characteristics:

- › Isolated fork terminal made from electrolytic copper with a tin-plated finish used for terminating conductors
- › Material: - Isolation: PVC
 - Casing: Copper

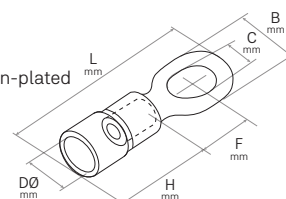


REF.	I(A)máx	Colour	Cross-section	B	C	Dø	F	H	L		
ASV1254	19A	●	0,5-1,5mm ²	6,4	4,3	4,3	6,5	10	21,2	15	300
ASV1255	19A	●	0,5-1,5mm ²	9,5	5,3	4,3	6,5	10	21,2	15	300
ASV1256	19A	●	0,5-1,5mm ²	9,5	6,5	4,3	6,5	10	21,2	15	300
ASV1255B	19A	●	0,5-1,5mm ²	8,1	5,3	4,3	6,5	10	21,2	5	-
ASV24	27A	●	1,5-2,5mm ²	6,4	4,3	4,3	6,5	10	21,2	15	300
ASV25	27A	●	1,5-2,5mm ²	8,1	5,3	4,3	6,5	10	21,2	15	300
ASV26	27A	●	1,5-2,5mm ²	9,5	6,5	4,3	6,5	10	21,2	10	200
ASV25B	27A	●	1,5-2,5mm ²	8,1	5,3	4,3	6,5	10	21,2	5	-
ASV554	48A	●	4-6mm ²	8,3	4,3	4,3	7,5	10	23,9	8	160
ASV556	48A	●	4-6mm ²	9	6,5	4,3	7,5	10	23,9	5	160
ASV558	48A	●	4-6mm ²	14	8,4	4,3	11,5	10	30	5	160
ASV556B	48A	●	4-6mm ²	9	6,5	4,3	7,5	10	23,9	5	-

Insulated ring-type lug

Characteristics:

- › Isolated terminal made from electrolytic copper with a tin-plated finish used for terminating conductors
- › Material: - Isolation: PVC
 - Casing: Copper
 - Lining: Tin



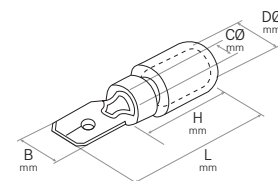
REF.	I(A)máx	Colour	Cross-section	B	Cø	Dø	F	H	L		
ASRVS1254	19A	●	0,25-1,25mm ²	6,6	4,3	4,3	6,3	10,0	20,1	20	400
ASRVS1255	19A	●	0,25-1,25mm ²	8,0	5,3	4,3	7,0	10,0	21,5	15	300
ASRVS1256	19A	●	0,25-1,25mm ²	11,6	6,5	4,3	11,1	10,0	27,5	10	200
ASRVS1256B	19A	●	0,25-1,25mm ²	11,6	6,5	4,3	11,1	10,0	27,5	5	-
ASRVS24	27A	●	1,5-2,5mm ²	6,6	4,3	4,9	7,0	10,0	21,0	10	200
ASRVS25	27A	●	1,5-2,5mm ²	8,5	5,3	4,9	7,75	10,0	22,5	12	240
ASRVS26	27A	●	1,5-2,5mm ²	12,0	6,5	4,9	11,0	10,0	27,6	12	240
ASRVS28	27A	●	1,5-2,5mm ²	12,0	8,4	4,9	11,0	10,0	27,6	12	240
ASRVS28B	27A	●	1,5-2,5mm ²	12,0	8,4	4,9	11,0	10,0	27,6	5	-
ASRVS55	48A	●	4-6mm ²	7,2	4,3	6,7	5,9	12,5	21,5	10	200
ASRVS56	48A	●	4-6mm ²	12,0	6,5	6,7	13,0	12,5	21,5	8	160
ASRVS58	48A	●	4-6mm ²	15,0	8,4	6,7	13,7	12,5	33,7	6	120
ASRVS56B	48A	●	4-6mm ²	12,0	6,5	6,7	13,7	12,5	33,7	5	-

Insulated male lug



Characteristics:

- > Male isolated terminal made of electrolytic copper with a tinned finish used at the ends of conductors
- > Material: - Isolation: PVC
- Casing: Copper
- Lining: Tin



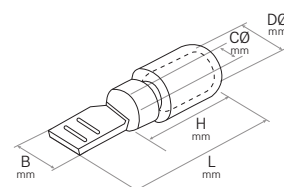
REF.	I(A)máx	Colour	Cross-section	B	Cø	Dø	H	L		
ASMDD125250	10A	●	0,50-1,5mm ²	6,35	1,70	4,3	10	21,0	15	300
ASMDD125250B	10A	●	0,50-1,5mm ²	6,35	1,70	4,3	10	21,0	5	-
ASMDD2250	15A	●	1,5-2,5mm ²	6,35	2,3	4,3	10	21,0	15	300
ASMDD2250B	15A	●	1,5-2,5mm ²	6,35	2,3	4,3	10	21,0	5	-
ASMDD55250	24A	●	4-6mm ²	6,35	3,4	5,7	14	25,0	8	160
ASMDD55250B	24A	●	4-6mm ²	6,35	3,4	5,7	14	25,0	5	-

Insulated female lug



Characteristics:

- > Female isolated terminal made of electrolytic copper with a tinned finish used at the ends of conductors
- > Material: - Isolation: PVC
- Casing: Copper
- Lining: Tin
- Thickness: 0.4mm



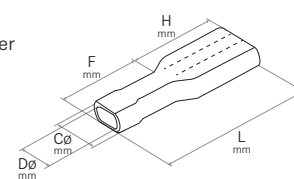
REF.	I(A)máx	Colour	Cross-section	B	Cø	Dø	H	L		
ASFDD125250	10A	●	0,50-1,50mm ²	7,4	1,70	3,8	10	21	10	200
ASFDD125250B	10A	●	0,50-1,50mm ²	7,4	1,70	3,8	10	21	5	-
ASFDD2250	15A	●	1,5-2,5mm ²	7,4	2,3	3,8	10	21	15	300
ASFDD2250B	15A	●	1,5-2,5mm ²	7,4	2,3	3,8	10	21	5	-
ASFDD55250	24A	●	4-6mm ²	7,4	3,4	5,7	13	25	10	200
ASFDD55250B	24A	●	4-6mm ²	7,4	3,4	5,7	13	25	5	-

Fully insulated female lug



Characteristics:

- > Female isolated cylindrical terminal in electrolytic copper with tinned finish, used at the ends of conductors.
- > Material: - Isolation: PVC
- Casing: Copper
- Lining: Tin
- Thickness: 0.4mm



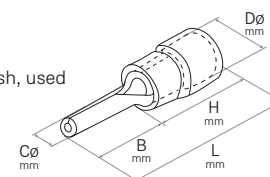
REF.	I(A)máx	Colour	Cross-section	Cø	Dø	F	H	L		
ASFDFD125250	10A	●	0,50-1,50mm ²	1,7	4	6,3	13	24,5	10	200
ASFDFD2250	15A	●	1,5-2,5mm ²	2,3	5	7,0	13	24,5	8	160
ASFDFD55250	24A	●	4-6mm ²	3,4	5	7,0	14	24,5	6	120

Insulated bootlace ferrule



Characteristics:

- > Insulated electrolytic copper point terminal with tinned finish, used at the end of the conductors.
- > Material: - Isolation: PVC
- Casing: Copper
- Lining: Brass

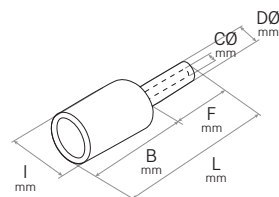


REF.	Colour	Cross-section	B	Cø	Dø	H	L		
ASPTV12510	●	0,50-1,5mm ²	10	1,9	4,3	10	20	15	300
ASPTV210	●	1,5-2,5mm ²	10	1,9	4,3	10	20	10	200
ASPTV5513	●	4-6mm ²	13	2,8	6,7	12,5	25,5	8	96

Insulated bootlace ferrule

Characteristics:

- › Rated voltage U_i : 300V
- › Max pressure: 150W
- › Tube material: Electrolytic copper with tin-plated finish
- › Insulating sleeve material: Nylon
- › Operating temperature: -30°C ~+130°C

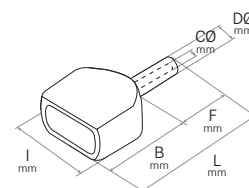


REF.	Un.	Colour	Cross-section	B	C ₀	D ₀	F	I	L		
ASE0508	100	○	0,5mm ²	6,0	1,0	1,3	8,0	2,6	14	50	500
ASE7508	100	●	0,75mm ²	6,4	1,2	1,5	8,0	2,8	14,6	50	1000
ASE1008	100	●	1,0mm ²	6,4	1,4	1,7	8,0	3,0	14,6	50	1000
ASE1508	100	●	1,5mm ²	6,4	1,7	2,0	8,0	3,5	14,6	40	800
ASE2508	100	●	2,5mm ²	7,0	2,3	2,6	8,0	4,0	15,2	30	600
ASE4008	100	●	4mm ²	7,5	2,8	3,2	9,0	4,4	16,5	20	400
ASE6008	100	●	6mm ²	8,0	3,5	3,9	12,0	6,3	20,0	15	300
ASE1012	100	●	10mm ²	9,5	4,5	4,9	12,0	7,6	21,5	10	200
ASE1612	100	○	16mm ²	10,2	5,8	6,2	12,0	8,8	22,2	6	120
ASE2512	100	●	25mm ²	13,0	7,5	7,9	16,0	11,2	29,0	3	60
ASE3516	100	●	35mm ²	14,0	8,3	8,7	16,0	12,7	30,0	2	40
ASE5020	100	●	50mm ²	16,0	10,3	10,9	20,0	15,3	36,0	1	20

Insulated twin bootlace ferrule

Characteristics:

- › Rated voltage U_i : 300V
- › Max pressure: 150W
- › Tube material: Electrolytic copper with tin-plated finish
- › Insulating sleeve material: PP/ Nylon
- › Operating temperature: -30°C ~+130°C

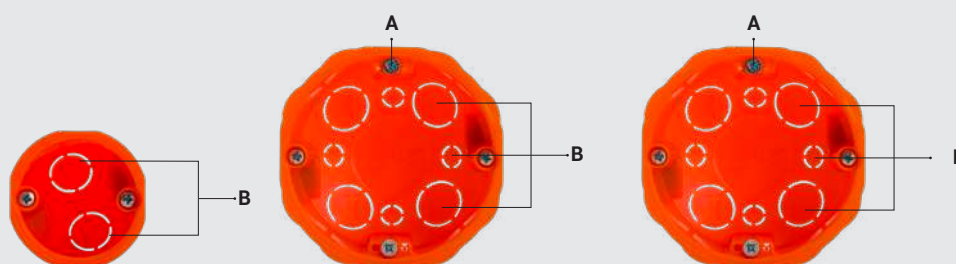


REF.	Colour	Cross-section	B	C ₀	D ₀	F	I	L		
ASTE0508	○	2x0,5mm ²	6,5	1,5	1,8	8,0	5,0	14,5	30	120
ASTE7508	●	2x0,75mm ²	6,7	1,8	2,1	8,0	5,5	14,7	30	600
ASTE1008	●	2x1,0mm ²	7,1	2,0	2,3	8,0	5,5	15,1	30	600
ASTE1508	●	2x1,5mm ²	7,2	2,3	2,6	8,0	6,4	15,5	20	400
ASTE2510	●	2x2,5mm ²	8,5	2,9	3,3	10,0	8,0	18,5	15	300
ASTE4012	●	2x4mm ²	11,2	3,8	4,2	12,0	8,8	23,1	10	200
ASTE6014	●	2x6mm ²	12,1	4,9	5,3	14,0	9,5	26,1	6	100
ASTE1014	●	2x10mm ²	12	6,5	6,9	14,0	12,6	26,6	4	80
ASTE1614	○	2x16mm ²	17,3	8,3	8,7	14,0	19,0	31,3	2	40



Dry lining back boxes **NEW**

- Density: 0,90g/cm³ ○ Shrinkage: 1,5% ○ Material: Polypropylene ○ Melting Temperature: 220°C
- IP rating: IP20 ○ IK rating: IK07 (if fully embedded in the wall)
- Applications: embedded in walls or false ceilings



3 options for fixing the switchgear to the box. Easy installation



Multiple tube and cable entry options



Side inlets (deep box) that allow tubes up to 20mm in diameter to be inserted



Fastening method: Quick-release claws

Made from high-strength thermoplastic, they are designed to be used in low-voltage built-in electrical installations in residential, commercial and industrial works. All the boxes are equipped with easy-open

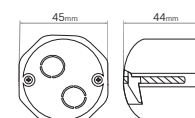
entrances to ensure quick installation and with quick-release brackets to ensure that they are perfectly fixed to the hollow wall.

Dry lining back box **NEW**



Characteristics:

- › Entry/exit: For flexible cables, smooth and corrugated tubes (2x16mm)
- › Insulation class: I



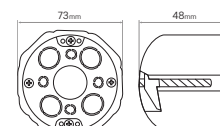
REF.	RAL	Drill hole size		
ASCX05P	2004	40mm	1	10

Low dry lining back box **NEW**



Characteristics:

- › Entrada/ saída: Para Cables flexíveis, tubos lisos e Colourrugados (4x16mm + 4x8mm)
- › Insulation class: I



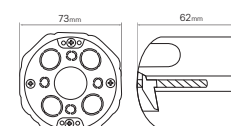
REF.	RAL	Drill hole size		
ASCX01P	2004	68mm	1	50

Deep dry lining back box **NEW**



Characteristics:

- › Entry/exit: For flexible cables, smooth and corrugated tubes (bottom 4x16mm + 4x8mm) (side 4x20mm)
- › Insulation class: I

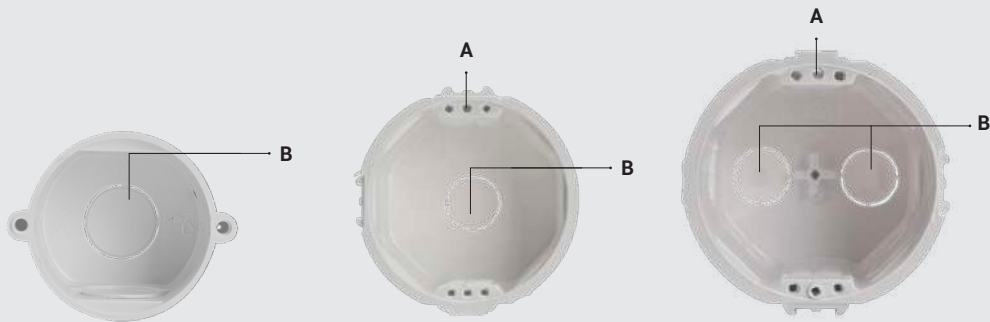


REF.	RAL	Drill hole size		
ASCX02P	2004	68mm	1	10



Concrete back boxes

- Density: 1,04g/cm³ ○ Shrinkage: 0,3-0,8% ○ Material: Polypropylene(PS)
- Applications: flush mounting in solid, non-combustible walls



3 options for fixing the mechanism to the box.
Easy installation



Multiple entry options for tubes and cables



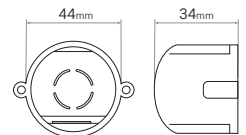
The cable entries have an inclination that allows the cable to bend up to 90° between narrow walls.



ASCX01 and ASCX02 can be grouped together



Concrete back box CX-05



REF.

ASCX05



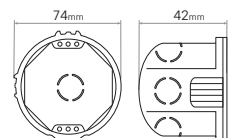
1



50



Concrete back box CX-01



REF.

ASCX01



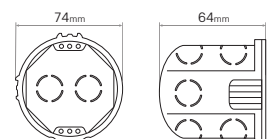
1



20



Deep concrete back box CX-02



REF.

ASCX02



1



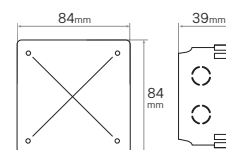
20



Square junction box CX-03



Multiple tube and cable entry options



REF.

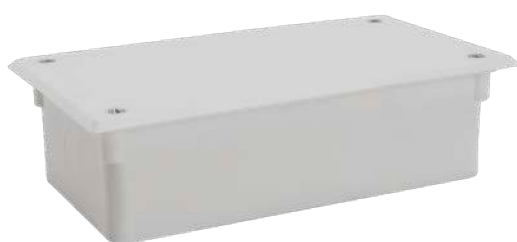
ASCX03



1



10



Box with earth terminal CX-09

Application:

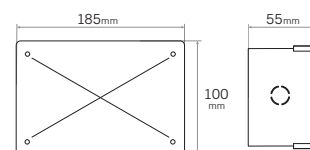
› Low-voltage electrical installations, executed in masonry with non-combustible mortar covering. For residential, commercial and industrial works.

Characteristics:

- › Rated voltage: 230V
- › Density: 0,90gr/ cm³
- › Melting temperature: 220°C



Busbar
earth



REF.

ASCMT9



1



12

Accessories for back boxes



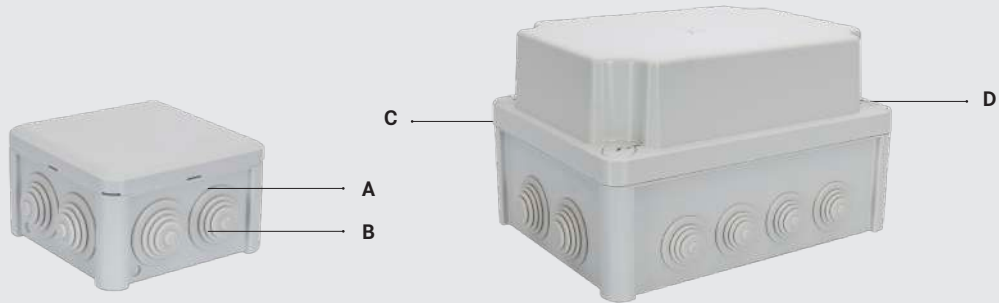
Reference	ASTCX05	ASTCX01	ASTCX03	ASTDCX03
Designation	Cover for round back box	Cover for round back box	Cover for square back box	Cover for double rectangular back box
Compatible with	-	ASCX01 / ASCX02	ASCX03	I3



Reference	ASBF16	ASBF16B	ASBF20	ASBF20B
Designation	Flexible grommet	Flexible grommet	Flexible grommet	Flexible grommet
Material	PVC	PVC	PVC	PVC
Dimensions	Ø16mm	Ø16mm	Ø20mm	Ø20mm

Waterproof junction boxes for surface installation

○ Halogen-free ○ Insulation class: II ○ IK rating: IK07



Easy cover opening



Grommets that allow cable passage



Seals: TPE



1/4 turn screw opening

Waterproof junction boxes for surface installation for low-voltage outdoor electrical installations. For residential, commercial and industrial work

Characteristics:

- > Material: ABS
- > IP rating: IP65

- > Insulation class: Duplo insulation
- > Insulation voltage: 500V
- > Cover: insert / plastic screws 1/4 turn
- > RAL: Grey 7035
- > Shrinkage: 0,5%
- > Density: 1,03 /1,06 g/cm³
- > Melting temperature: 210/240°C

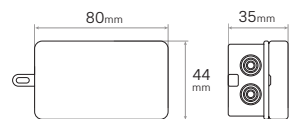
Waterproof junction box without grommets

IP65



Characteristics:

- > Back box with cover
- > Knockouts (10 uni.):
 - Upper: 3xø8~19mm
 - Lower: 3xø8~19mm
 - Sides: 2x2xø4~16mm



REF.

ASCDE044CZ



8



96

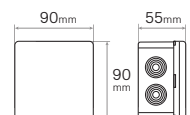
Waterproof junction box with grommets

IP65



Characteristics:

- > Tapered cable gland entries (7 units):
 - Upper: 1xø20mm
 - Lower: 2xø20mm
 - Sides: 2x2xø20mm
- > 2 protective lids for fixing screws



REF.

ASCDE090CZ



1



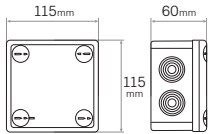
168



Waterproof junction box with grommets
IP66

Characteristics:

- > Tapered cable gland entries (7 units):
Upper: 1x $\varnothing$ 20mm
Lower: 2x $\varnothing$ 20mm
Sides: 2x2x $\varnothing$ 20mm
- > 4 protective lids for fixing screws
- > Cover with 4 1/4 turn screws - 0/1



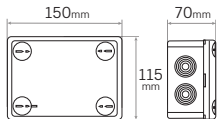
REF.		
ASCDE115CZ	6	36



Waterproof junction box with grommets
IP66

Characteristics:

- > Tapered cable gland entries (10 units):
Upper: 3x $\varnothing$ 20mm
Lower: 3x $\varnothing$ 20mm
Sides: 2x2x $\varnothing$ 32mm
- > 4 protective lids for fixing screws
- > Cover with 4 1/4 turn screws - 0/1



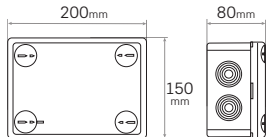
REF.		
ASCDE150CZ	1	12



Waterproof junction box with grommets
IP66

Characteristics:

- > Tapered cable gland entries (12 units):
Upper: 4x $\varnothing$ 20mm
Lower: 4x $\varnothing$ 20mm
Sides: 2x2x $\varnothing$ 32mm
- > 4 protective lids for fixing screws
- > Cover with 4 1/4 turn screws - 0/1



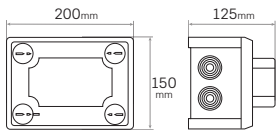
REF.		
ASCDE200CZ	1	12



Waterproof junction box with grommets
IP66

Characteristics:

- > Tapered cable gland entries (12 units):
Upper: 4x $\varnothing$ 20mm
Lower: 4x $\varnothing$ 20mm
Sides: 2x2x $\varnothing$ 32mm
- > 4 protective lids for fixing screws
- > Cover with 4 1/4 turn screws - 0/1



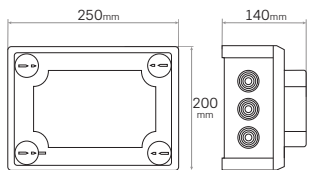
REF.		
ASCDE250CZ	1	12



Waterproof junction box with grommets
IP66

Characteristics:

- > Tapered cable gland entries (10 units):
Upper: 3x $\varnothing$ 20mm + 2x $\varnothing$ 32mm
Lower: 3x $\varnothing$ 20mm + 2x $\varnothing$ 32mm
Sides: 2x1x $\varnothing$ 20mm + 2x2x $\varnothing$ 32mm
- > 4 protective lids for fixing screws
- > Cover with 4 1/4 turn screws - 0/1

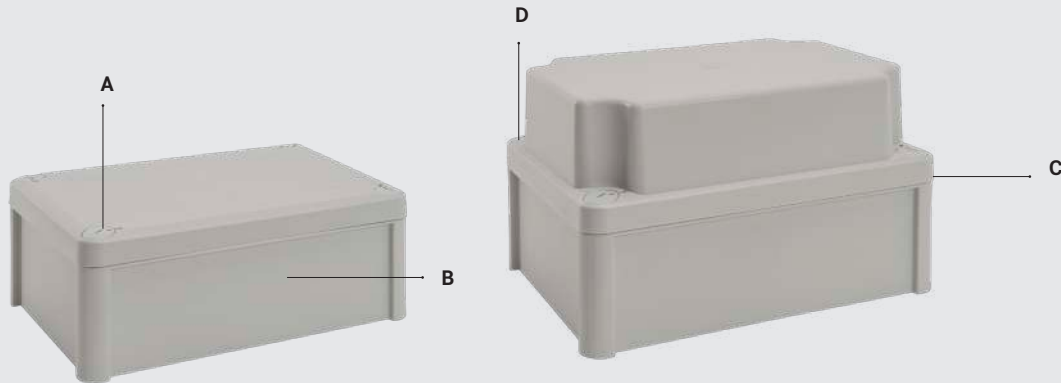


REF.		
ASCDE250MCZ	1	1



Waterproof junction boxes for surface installation / Smooth walls

○ Halogen free ○ Insulation class: II ○ IP rating: IK07



1/4 turn screw opening



Protective caps



Protective caps to ensure watertightness and insulation class



Seals: TPE

ASLO'S waterproof junction boxes are weatherproof and offer an IP66 degree of protection to ensure that electrical installations are safe. They are ideal for any type of circuit. With smooth walls or equipped with grommets that allow cables and smooth pipes to enter directly. Opening and closing of the cover by plug or by 1/4 turn plastic screws. Watertightness and insulation class are ensured by the protection plugs (included) of the protection screws.

Characteristics

- > Material: Halogen-free polypropylene
- > IP rating: IP66
- > RAL: Grey 7035
- > Insulation class: 500V
- > Glow wire test: 650°C

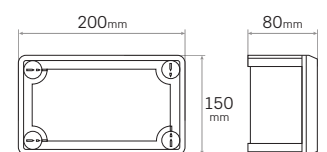
Waterproof junction box without knockouts

IP66



Characteristics:

- > Smooth walls
- > 4 protection covers for fixing screws
- > Cover with 4 1/4" screws turn -0/1



REF.

ASCDE2001CZ



1

1

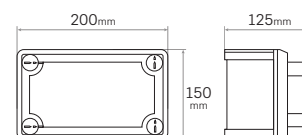
Waterproof junction box without knockouts

IP66



Characteristics:

- › Snap-on cover
- › 4 protection covers for fixing screws
- › Cover with 4 1/4" screws turn -0/1



REF.

ASCDE2501CZ



1

1

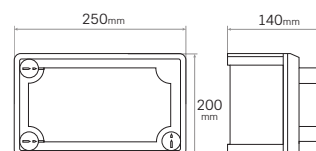
Waterproof junction box without knockouts

IP66



Characteristics:

- › Snap-on cover
- › 4 protection covers for fixing screws
- › Cover with 4 1/4" screws turn -0/1



REF.

ASCDE2501MCZ



1

1

Waterproof junction box



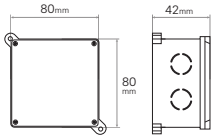
- Characteristics:
- > Density: 1,03/1,06g/cm³

> Contraction: 0,5%

> Material: ABS

> Melting temperature: 21 0/ 240°C

> IP rating: IP65



REF.		
ASCE80	1	12

Waterproof junction box



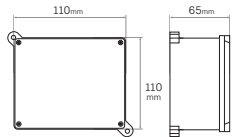
- Characteristics:
- > Density: 1,03/1,06g/cm³

> Contraction: 0,5%

> Material: ABS

> Melting temperature: 21 0/ 240°C

> IP rating: IP65



REF.		
ASCE110	1	10

Waterproof junction box



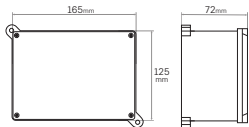
- Characteristics:
- > Density: 1,03/1,06g/cm³

> Contraction: 0,5%

> Material: ABS

> Melting temperature: 21 0/ 240°C

> IP rating: IP65



REF.		
ASCE125	1	10

Waterproof junction box



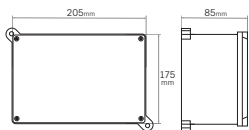
- Characteristics:
- > Density: 1,03/1,06g/cm³

> Contraction: 0,5%

> Material: ABS

> Melting temperature: 21 0/ 240°C

> IP rating: IP65

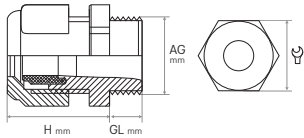


REF.		
ASCE175	1	10

Cable gland
PG thread



- Characteristics:**
- > Material: Nylon
 - > Seal: Nitrile butadiene rubber
 - > IP rating: IP68
 - > RAL: Grey - 7035

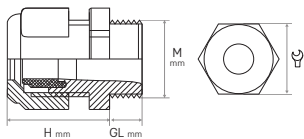


REF.	PG thread	GL	H			
ASBSPG7	PG7	8	21	15	100	6000
ASBSPG9	PG9	8	22	19	100	4000
ASPG9B	Set - 10 items	PG9	8	22	19	10
ASBSPG11	PG11	8	25	22	100	2900
ASPG11B	Set - 10 items	PG11	8	25	22	10
ASBSPG135	PG13,5	9	27	24	100	2300
ASPG135B	Set - 10 items	PG13,5	9	27	24	10
ASBSPG16	PG16	10	28	27	100	1700
ASPG16B	PG16	10	28	27	10	-
ASBSPG21	PG21	11	31	33	100	1000
ASBSPG29	PG29	11	39	42	50	500
ASBSPG36	PG36	13	48	53	20	240
ASBSPG48	PG48	14	49	65	20	240

Cable gland
M thread



- Characteristics:**
- > Material: Nylon
 - > Seal: Nitrile butadiene rubber
 - > IP rating: IP68
 - > RAL: Grey - 7035



REF.	M thread	GL	H			
ASBSM12	M12x1,5	8	21	15	100	1000
ASBSM16	M16x1,5	8	22	19	100	4000
ASBSM20	M20x1,5	9	27	24	100	2300
ASBSM25	M25x1,5	11	29	27	50	1000
ASBSM32	M32x1,5	12	33	38	50	800



Connectors **NEW**

- IP rating: IP68 ○ Material: Polyamide PA66



ASLO ELECTRIC's range of high protection IP68 connectors is ideal for use in demanding environments (dust and humidity).

They contain internal terminals for 3- or 5-pole connection, suitable for conductors ranging in cross-section from 0.5mm² to 2.5mm².

IP68 connectors have a high sealing capacity even when completely submerged in water.

This seal is achieved through specialised gaskets, usually made of rubber or silicone, which surround the connection points. When the connectors are paired and properly sealed, they create an impenetrable barrier, preventing water, dust and other contaminants from entering the electrical connection.

Application:

IP68 watertight connectors play a crucial role in various sectors:

Industrial environments:

- > Industrial facilities often face challenging conditions, including humidity, dust and chemicals.
- IP68 connectors maintain the integrity of electrical connections in these environments, ensuring that mechanical equipment is reliable.

Outdoor lighting:

- > For outdoor lighting installations, such as street lights and architectural lighting, IP68 connectors are essential to prevent water infiltration and maintain long-term functionality.

Characteristics:

- > Rated voltage: **250-450V**
- > Current intensity: **16A**
- > Contacts: **Copper**
- > Conductor cross-section: **0,5 ~2,5mm²**

Connector **NEW**

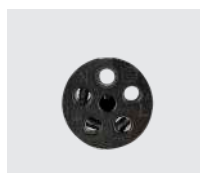
M25

Characteristics:

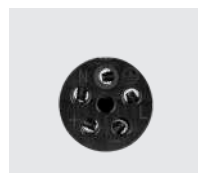
- > Mechanical tightening
- > Cable diameter: 6 ~ 11 mm



Connector design



3 poles



5 poles



REF.	Poles	Cross-section Conductor	15	225
ASCIP253P	3	0,5-2,5mm ²	15	225
ASCIP255P	5	0,5-2,5mm ²	15	225



T connector **NEW**

M25

Characteristics:

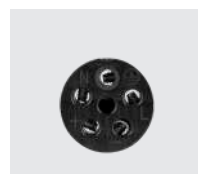
- > Mechanical tightening
- > Cable diameter: 6 ~ 11 mm



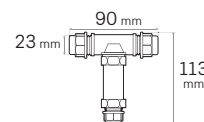
Connector design



3 poles



5 poles



REF.	Poles	Cross-section Conductor	10	120
ASCIP25T3P	3	0,5-2,5mm ²	10	120
ASCIP25T5P	5	0,5-2,5mm ²	10	120



Connector **NEW**
M20

- Characteristics:**
- > Mechanical tightening
 - > Diameter Cable: 5 ~ 10mm



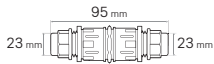
Connector design



3 Poles



5 Poles



REF.	Poles	Cross-section Conductor		
ASCIP2753P	3	0,5-2,5mm ²	20	320
ASCIP2755P	5	0,5-2,5mm ²	20	320



T connector **NEW**
M20

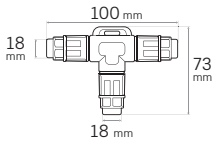
- Characteristics:**
- > Mechanical tightening
 - > Diameter Cable: 5 ~ 10mm



Connector design



3 Poles



REF.	Poles	Cross-section Conductor		
ASCIP3733P	3	0,5-2,5mm ²	10	160



Fastconnector **NEW**
M20

- Characteristics:**
- > Quick tightening
 - > Diameter Cable: 6 ~ 11mm



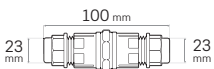
Connector design



3 Poles



5 Poles



REF.	Poles	Cross-section Conductor		
ASCIP293X	3	0,5-1,5mm ²	12	360
ASCIP295X	5	0,5-1,5mm ²	10	160





Conduit pipe without cable puller

Characteristics:

- › Resistance to impact: 2J
- › Resistance to compression: 320N
- › IP rating: IP67
- › Ambient temp. operation.: -5°C to +60°C

REF.	ø ext x int	Roll
ASGR16	ø 16 x 13,0 mm	100m
ASGR20	ø 20 x 16,4 mm	100m
ASGR25	ø 25 x 21,2 mm	50m
ASGR32	ø 32 x 27,6 mm	50m
ASGR40	ø 40 x 35 mm	50m



Conduit pipe with cable puller

Characteristics:

- › Resistance to impact: 2J
- › Resistance to compression: 320N
- › IP rating: IP67
- › Ambient temp. operation.: -5°C to +60°C

REF.	ø ext x int	Roll
ASGR16G	ø 16 x 13,0 mm	100m
ASGR20G	ø 20 x 16,4 mm	100m
ASGR25G	ø 25 x 21,2 mm	50m
ASGR32G	ø 32 x 27,6 mm	50m
ASGR40G	ø 40 x 35 mm	50m



Conduit pipe without cable puller

Characteristics:

- › Resistance to impact: 2J
- › Resistance to compression: 750N
- › Halogen- and heavy metal-free thermoplastic
- › Ambient temp. operation.: -5°C to +60°C

REF.	ø ext x int	Roll
ASGR16LH	ø 16 x 13,0 mm	100m
ASGR20LH	ø 20 x 16,4 mm	100m
ASGR25LH	ø 25 x 21,2 mm	50m
ASGR32LH	ø 32 x 27,6 mm	50m



Tubo anelado sem guia

Characteristics:

- › Resistance to impact: 2J
- › Resistance to compression: 320N
- › IP rating: IP67
- › Ambient temp. operation.: -5°C to +60°C

REF.	ø ext x int	Roll
ASAN16	ø 16 x 11,2 mm	100m
ASAN20	ø 20 x 13,7 mm	100m
ASAN25	ø 25 x 18,7 mm	50m
ASAN32	ø 32 x 24,8 mm	50m
ASAN40	ø 40 x 31 mm	50m
ASAN50	ø 50 x 39,8 mm	50m

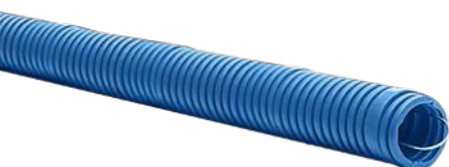


Corrugated pipe with cable puller

Characteristics:

- > Resistance to impact: 2J
- > Resistance to compression: 320N
- > IP rating: IP67
- > Ambient temp. operation.: -5°C to +60°C

REF.	ø ext x int	Roll
ASAN16G	ø 16 x 11,2 mm	100m
ASAN20G	ø 20 x 13,7 mm	100m
ASAN25G	ø 25 x 18,7 mm	50m
ASAN32G	ø 32 x 24,8 mm	50m
ASAN40G	ø 40 x 31 mm	50m
ASAN50G	ø 50 x 39,8 mm	50m

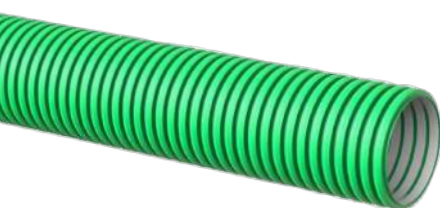


Corrugated pipe with cable puller

Characteristics:

- > Resistance to impact: 2J
- > Resistance to compression: 750N

REF.	ø ext	Roll
ASAN16GAZ	ø 16 x 11,2 mm	100m
ASAN20GAZ	ø 20 x 13,7 mm	100m
ASAN25GAZ	ø 25 x 18,7 mm	50m
ASAN32GAZ	ø 32 x 24,8 mm	50m

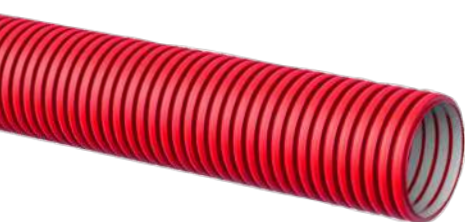


Double wall corrugated pipe

Characteristics:

- > Material: Polyethylene
- > Crush resistant: 450N
- > Resistance to impact
- > Light-weight
- > High chemical resistance
- > Usage temperatures: -5°C to 60°C

REF.	ø ext x int	Roll
ASTP20VD	ø 20 x 15 mm	50m
ASTP25VD	ø 25 x 19 mm	50m
ASTP32VD	ø 32 x 25 mm	50m
ASTP40VD	ø 40 x 32 mm	50m
ASTP50VD	ø 50 x 42 mm	50m
ASTP63VD	ø 63 x 52 mm	50m
ASTP75VD	ø 75 x 61 mm	50m
ASTP90VD	ø 90 x 75 mm	50m
ASTP110VD	ø 110 x 94 mm	50m
ASTP125VD	ø 125 x 108 mm	50m
ASTP160VD	ø 160 x 138 mm	50m

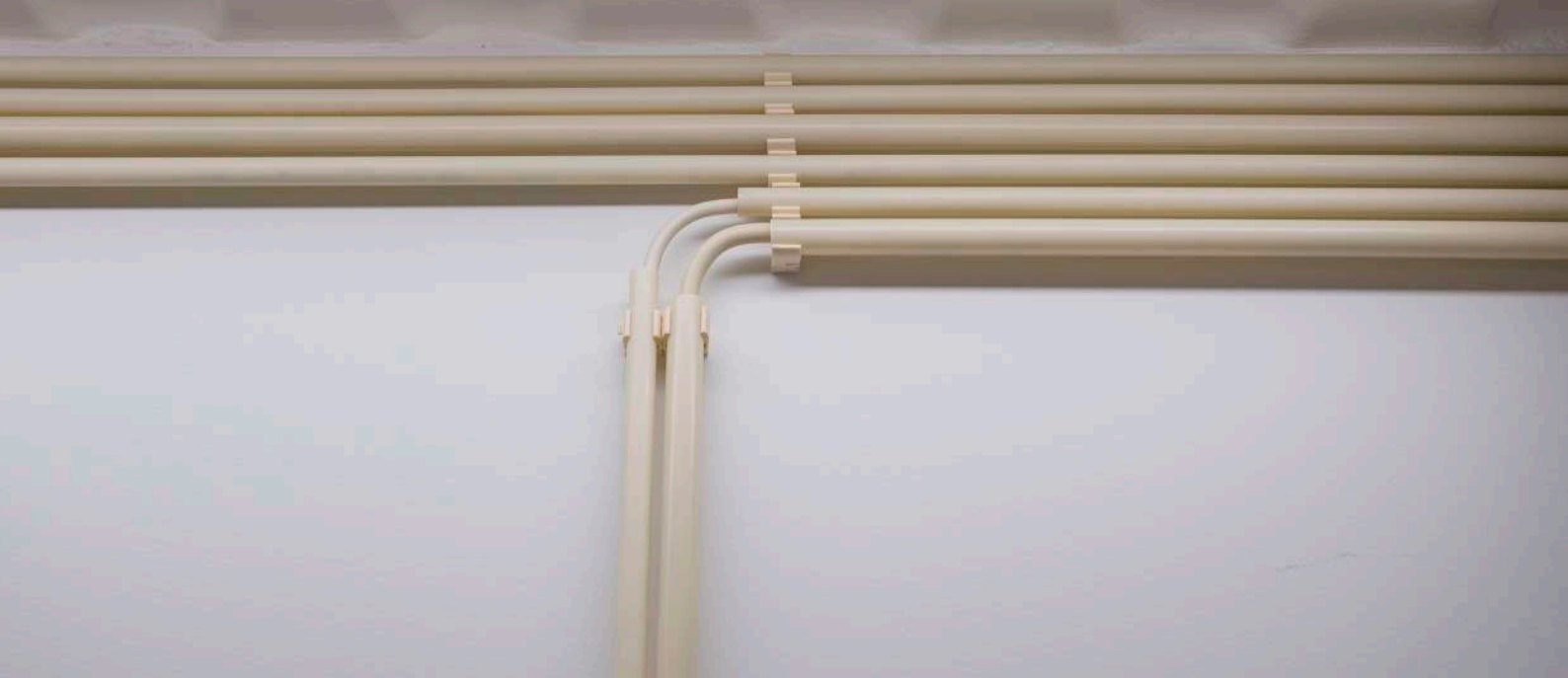


Double wall corrugated pipe

Characteristics:

- > Material: Polyethylene
- > Crush resistant: 450N
- > Resistance to impact
- > Light-weight
- > High chemical resistance
- > Usage temperatures: -5°C to 60°C

REF.	ø ext x int	Roll
ASTP20VM	ø 20 x 15 mm	50m
ASTP25VM	ø 25 x 19 mm	50m
ASTP32VM	ø 32 x 25 mm	50m
ASTP40VM	ø 40 x 32 mm	50m
ASTP50VM	ø 50 x 42 mm	50m
ASTP63VM	ø 63 x 52 mm	50m
ASTP75VM	ø 75 x 61 mm	50m
ASTP90VM	ø 90 x 75 mm	50m
ASTP110VM	ø 110 x 94 mm	50m
ASTP125VM	ø 125 x 108 mm	50m
ASTP160VM	ø 160 x 138 mm	50m



Rigid PVC pipe



Characteristics:

- › Ambient temp. operation.: -5°C to +60°C
- › Resistance to impact: 2J

- › Resistance to compression: 320N
- › IP rating: IP30
- › Dimension: 3m

REF.	Dimensions (øext/int)		
ASVD12	ø 12 x 10,4 mm	102m	
ASVD16	ø 16 x 13,9 mm	102m	
ASVD20	ø 20 x 17,5 mm	102m	
ASVD25	ø 25 x 22,7 mm	51m	
ASVD32	ø 32 x 29,9 mm	51m	
ASVD40	ø 40 x 37,4 mm	30m	
ASVD50	ø 50 x 47,2 mm	30m	

Bending spring for PVC pipe



Characteristics:

- › Allows PVC pipes to be bent without breaking

REF.	Dimensions		
ASMT12	12 mm	1	100
ASMT16	16 mm	1	300
ASMT20	20 mm	1	25
ASMT25	25 mm	1	20
ASMT32	32 mm	1	10



Elbow for PVC pipe



Characteristics:

- › Ambient temp. operation.: -5°C to +60°C
- › Resistance to impact: 2J

- › Resistance to compression: 320N
- › IP rating: IP30

REF.	ø ext x int		
ASCT12	ø 12mm	1	50
ASCT16	ø 16 x 13,9 mm	1	50
ASCT20	ø 20 x 17,5 mm	1	50
ASCT25	ø 25 x 22,7 mm	1	50
ASCT32	ø 32 x 29,7 mm	1	50
ASCT40	ø 40 x 37,4 mm	1	30
ASCT50	ø 50 x 47,2 mm	1	30





Coinduit coupler

Characteristics:

- › Ambient temp. operation.: -5°C to +60°C
- › Resistance to impact: 2J
- › Resistance to compression: 320N
- › IP rating: IP30

REF.	ø ext x int	
ASUVD16	ø 16 x 13,4 mm	1
ASUVD20	ø 20 x 17,5 mm	1
ASUVD25	ø 25 x 22,7 mm	1
ASUVD32	ø 32 x 29,9 mm	1
ASUVD40	ø 40 x 37,4 mm	1

Abraçadeira clip agrupável para tubo VD



Characteristics:

- › RAL: cream - 1015
- › Material: polypropylene

REF.		Dimensions		
ASAC16CR		16 mm	100	900
ASBC16B	Blister- Set 10	16 mm	10	-
ASAC20CR		20 mm	100	900
ASBC20B	Blister- Set 10	20 mm	10	-
ASAC25CR		25 mm	100	900
ASBC25B	Blister- Set 10	25 mm	10	-
ASAC32CR		32 mm	50	450

Round cable clip

Characteristics:

- › Material: PE - polypropylene - high elasticity and shock resistance
- › Type of insertion, nail attached to clips
- › Saves time and money

REF.		D	H		
ASNC5	NC	5mm	7,4mm	1	500
ASNC6	NC	6mm	8,4mm	1	500
ASNC7	NC	7mm	9,7mm	1	300
ASNC8	NC	8mm	13,0mm	1	300
ASNC9	NC	9mm	13,0mm	1	300
ASNC10	NC	10mm	13,8mm	1	250
ASNC12	NC	12mm	16,0mm	1	180
ASNC14	NC	14mm	18,5mm	1	125
ASNC16	NC	16mm	21,0mm	1	100
ASNC20	NC	20mm	26,0mm	1	-

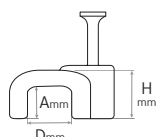


Cable clip

Characteristics:

- › Material: PE - polypropylene - high elasticity and shock resistance
- › Type of insertion, nail attached to clips
- › Saves time and money

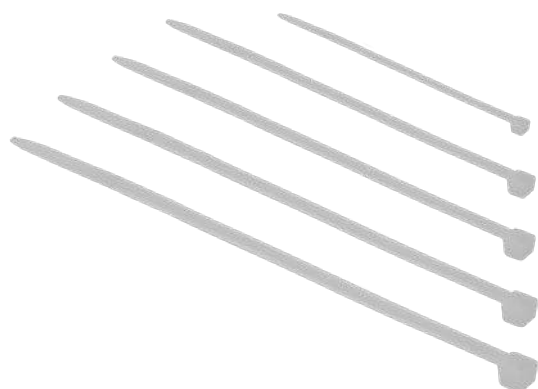
REF.		A	D	H		
ASNF5	NF	3,5mm	5mm	5,5mm	1	500
ASNF6	NF	4,1mm	6mm	6,0mm	1	500
ASNF7	NF	4,7mm	7mm	6,5mm	1	300
ASNF8	NF	5,0mm	8mm	7,0mm	1	400
ASNF9	NF	5,4mm	9mm	8,0mm	1	400
ASNF10	NF	5,6mm	10mm	8,0mm	1	250
ASNF12	NF	5,6mm	12mm	8,5mm	1	300
ASNF14	NF	7,0mm	14mm	10,0mm	1	-
ASNF16	NF	8,5mm	16mm	12,5mm	1	-
ASNF20	NF	10,5mm	20mm	14,0mm	1	-



Cable tie

Characteristics:

- > Material: Flame-retardant polyamide (Nylon 66) - UL 94V -2 approved
- > Installation temperature: -35°C~+85°C
- > Acidity and erosion control, resistant to ageing and high tensile strength

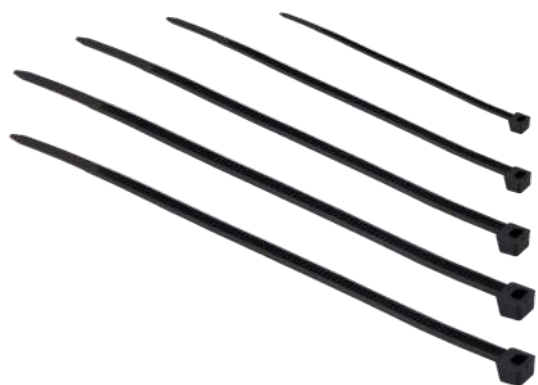


REF.	Colour	Un.	Max. strapping range (mm)	Dimensions		
ASAF25100B	○	100	22 mm	2,5 x 100 mm	1	450
ASAF25150B	○	100	35 mm	2,5 x 150 mm	1	320
ASAF25200B	○	100	53 mm	2,5 x 200 mm	1	280
ASAF35150B	○	100	35 mm	3,5 x 150 mm	1	240
ASAF35300B	○	100	80 mm	3,5 x 300 mm	1	150
ASAF45200B	○	100	49,5 mm	4,5 x 200 mm	1	150
ASAF45250B	○	100	65 mm	4,5 x 250 mm	1	130
ASAF45300B	○	100	82 mm	4,5 x 300 mm	1	100
ASAF48400B	○	100	108 mm	4,8 x 400 mm	1	85
ASAF75200B	○	50	50 mm	7,5 x 200 mm	1	120
ASAF75300B	○	50	80 mm	7,5 x 300 mm	1	100
ASAF75400B	○	50	105 mm	7,5 x 400 mm	1	80
ASAF75450B	○	50	125 mm	7,5 x 450 mm	1	60
ASAF75600B	○	50	170 mm	7,5 x 600 mm	1	40
ASAF75750B	○	50	220 mm	7,5 x 750 mm	1	30

Cable tie

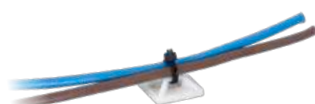
Characteristics:

- > Material: Flame-retardant polyamide (Nylon 66) - UL 94V -2 approved
- > Installation temperature: -35°C~+85°C
- > Acidity and erosion control, resistant to ageing and high tensile strength



REF.	Colour	Un.	Max. strapping range (mm)	Dimensions		
ASAF25100P	●	100	22 mm	2,5 x 100 mm	1	450
ASAF25150P	●	100	35 mm	2,5 x 150 mm	1	320
ASAF25200P	●	100	53 mm	2,5 x 200 mm	1	280
ASAF35150P	●	100	35 mm	3,5 x 150 mm	1	240
ASAF35300P	●	100	80 mm	3,5 x 300 mm	1	150
ASAF45200P	●	100	49,5 mm	4,5 x 200 mm	1	150
ASAF45250P	●	100	65 mm	4,5 x 250 mm	1	130
ASAF45300P	●	100	82 mm	4,5 x 300 mm	1	100
ASAF48400P	●	100	108 mm	4,8 x 400 mm	1	85
ASAF75200P	●	50	50 mm	7,5 x 200 mm	1	120
ASAF75300P	●	50	80 mm	7,5 x 300 mm	1	100
ASAF75400P	●	50	105 mm	7,5 x 400 mm	1	80
ASAF75450P	●	50	125 mm	7,5 x 450 mm	1	60
ASAF75600P	●	50	170 mm	7,5 x 600 mm	1	40
ASAF75750P	●	50	220 mm	7,5 x 750 mm	1	30

Cable tie mount



Characteristics:

- > Application: Places where drilling is not possible
- > Homologation UL 94V-2, PE Nylon 66

REF.	Dimensions		
ASBC25	25 x 25 mm	1	100
ASBC30	30 x 30 mm	1	100

Cable pullers

Nylon cable puller

3 mm



Characteristics:

- > 1 eyelet
- > 120mm flexible point
- > Diameter: 3 mm
- > 1 end in solid tin

REF.	Colour	Dimensions		
ASGN5	○	5 m	1	200
ASGN10	○	10 m	1	100
ASGN15	○	15 m	1	80
ASGN20	○	20 m	1	64
ASGN25	○	25 m	1	64
ASGN30	○	30 m	1	40

Nylon cable puller

4 mm



Characteristics:

- > 1 eyelet
- > 120mm flexible point
- > Diameter: 4 mm
- > 1 end in solid tin

REF.	Colour	Dimensions		
ASGN45	●	5 m	1	180
ASGN410	●	10 m	1	90
ASGN415	●	15 m	1	70
ASGN420	●	20 m	1	55
ASGN425	●	25 m	1	50
ASGN430	●	30 m	1	45

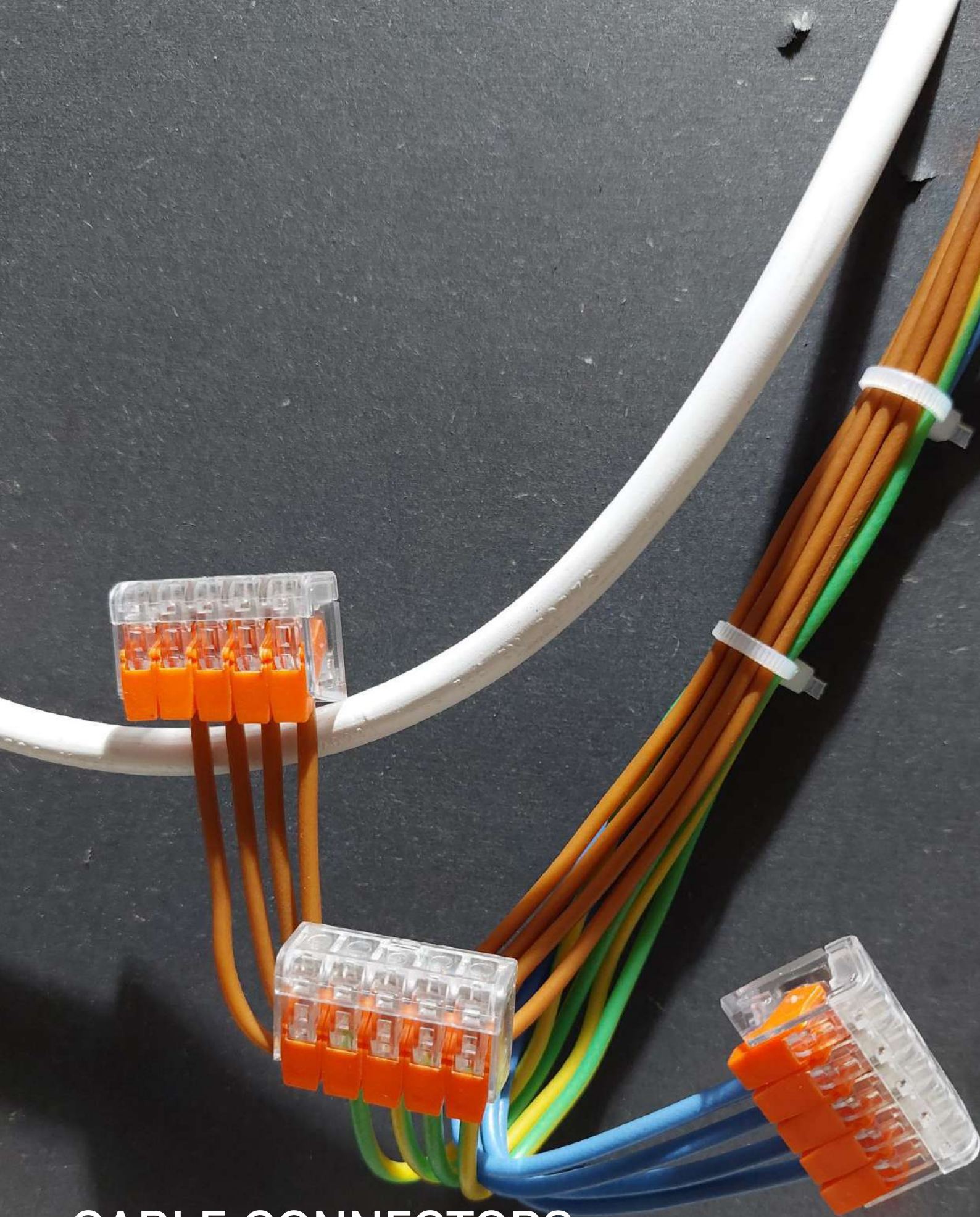
Steel cable puller



Characteristics:

- > 120mm flexible point
- > 1 eyelet
- > Blue tempered flat steel
- > 3,5 x 0,5 mm
- > With brass head

REF.	Dimensions		
ASGA5	5 m	1	100
ASGA10	10 m	1	100
ASGA15	15 m	1	100
ASGA20	20 m	1	80
ASGA25	25 m	1	60
ASGA30	30 m	1	50



**CABLE CONNECTORS
AND ACCESSORIES**

Twist-on wire connector



REF.	Colour	mm ²		
ASHP012		2,5mm ²	100	5000

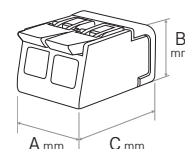
Cage clamp connector



Characteristics:

- › Insulation cut: 11mm
- › Material: Polycarbonate body
- › Contacts: Copper

- › Springs: Stainless steel 301
- › Conductor Flexible: 0,2-2,5mm²
- › Solid: 0,2-4mm²
- › Operating temperature: -40°C~105°C



REF.	I (A)	Tensão	Conductor cross-section	Dimensions (AxBxC)		
ASLRF225	32A	450V	2 x 2,5 mm ²	13 x 10 x 17,9	100	4000
ASLRF325	32A	400V	3 x 2,5 mm ²	18,6 x 10 x 17,9	100	3000
ASLRF525	32A	450V	5 x 2,5 mm ²	29,8 x 10 x 17,9	50	2000

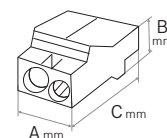
Quick wire connector



Characteristics:

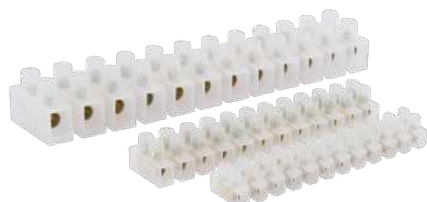
- › Colour of Isolation: 11mm
- › Material: Polycarbonate body
- › Contacts: Copper

- › Springs: Stainless steel 301
- › Cross-section Conductor (sólido): 1 - 2,5mm²
- › Operating temperature: -40°C~105°C
- › Flame retardant: UL 94V-0



REF.	Colour	I (A)	Tensão	Conductor cross-section	Dimensions (AxBxC)		
ASLHP252		24A	450V	2 x 2,5 mm ²	10,0 x 9,3 x 17,65	100	-
ASLHP252B	B blister- Set 10	24A	450V	2 x 2,5 mm ²	10,0 x 9,3 x 17,65	10	-
ASLHP253		24A	450V	3 x 2,5 mm ²	13,2 x 9,3 x 17,65	100	-
ASLHP253B	B blister- Set 10	24A	450V	3 x 2,5 mm ²	13,2 x 9,3 x 17,65	10	-
ASLHP254		24A	450V	4 x 2,5 mm ²	16,8 x 9,3 x 17,65	100	-
ASLHP254B	B blister- Set 10	24A	450V	4 x 2,5 mm ²	16,8 x 9,3 x 17,65	10	-
ASLHP255		24A	450V	5 x 2,5 mm ²	20,4 x 9,3 x 17,65	100	-
ASLHP255B	B blister- Set 10	24A	450V	5 x 2,5 mm ²	20,4 x 9,3 x 17,65	10	-
ASLHP258		24A	450V	8 x 2,5 mm ²	17,8 x 14,5 x 17,5	100	-

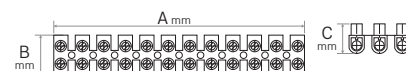
Terminal block



Characteristics:

- › Material: Insulation: PE
H54 brass connector blocks
Zinc galvanised
steel screws

- › Connector block with 14 individually separable poles
- › Rated voltage: 250-450V AC
- › Operating temperature: -40°C to 65°C



REF.	I (A)	Poles	Rated cross-section	Dimensions (AxBxC)		
ASBJ4	3A	12P	4 mm ²	91 x 16 x 13	100	1000
ASBJ4B	B blister- Set 2	3A	6P + 6P	91 x 16 x 13	50	200
ASBJ6	6A	12P	6 mm ²	109 x 16 x 14	100	500
ASBJ6B	B blister- Set 2	6A	6P + 6P	109 x 16 x 14	30	300
ASBJ10	10A	12P	10 mm ²	125 x 19 x 15	50	500
ASBJ10B	B blister- Set 2	10A	6P + 6P	125 x 19 x 15	20	100
ASBJ16	30A	12P	16 mm ²	156 x 24 x 18	100	300
ASBJ16B	B blister- Set 10	30A	6P + 6P	156 x 24 x 18	20	100
ASBJ25	60A	12P	25 mm ²	194 x 26 x 22	25	200
ASBJ35	100A	12P	35 mm ²	233 x 40 x 30	10	100



Insulation piercing connector

- Characteristics:**
- > For low voltage
 - > Main line: 25 - 70mm²
 - > Secondary line: 6 - 35mm²

REF.		
ASJBC0	25	300



Insulation piercing connector

- Characteristics:**
- > For low voltage
 - > Main line: 35 - 70mm²
 - > Secondary line: 6 - 35mm²

REF.		
ASJBC01	10	240



Insulation piercing connector

- Characteristics:**
- > For low voltage
 - > Main line: 35 - 150mm²
 - > Secondary line: 35 - 150mm²
 - > Derivation simultaneous tightening

REF.		
ASJBC02	10	200



Dead end clamp

- Characteristics:**
- › For low voltage
 - › 2 x 16- 35mm²
 - › Lashing clamps for branches

REF.		
ASPA2	30	240



Dead end clamp

- Characteristics:**
- › For low voltage
 - › 2 x 16mm² / 4 x 25mm²
 - › Lashing clamps for branches

REF.		
ASPA6	1	100



Insulation piercing connector

- Characteristics:**
- › For low voltage
 - › Main line: 35 - 95mm²
 - › Fall wire: 4-50mm²

REF.		
ASLT1	10	200



Insulation piercing connector

- Characteristics:**
- › For low voltage
 - › Main line: 25 -70mm²
 - › Fall wire: 4-50mm²

REF.		
ASLT2	10	200



Insulated twisted cable tie

- Characteristics:**
- › For low voltage
 - › 15 - 47mm

REF.		
ASACT1547	10	200

