



Product data sheet

49615A - Junction box for flat cable with ALU slider 5G16mm<sup>2</sup>/5G25mm<sup>2</sup> IP65



Junction box 5-pole for flat cable Power 5G16mm<sup>2</sup> or 5G25mm<sup>2</sup> with mounting with 1 threaded socket M40x1.5 for 1 supply line with round cable 5x16mm<sup>2</sup> with aluminum slider. For tunnel application use article 49615.

Characteristics	
Base Unit	Piece
availability	Delivery in 4 weeks
EAN Code	7611718255328
group	170000
Packaging unit	1
country of origin	CH
Customs tariff number	8536.9080
Weight (g)	800 g
Color	black
Technical data	
Box Type	Junction boxes
Fire load (KWh)	3,3 kWh
Dimensions length x width x height (mm)	200x85x91 mm
Dimensions length x width x height (inch)	7,87x3,35x3,58 inch
Degree of protection	IP65



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Metal parts	Corrosion protected
Flat cable contacting type	Piercing contact (screw)
Number of poles	5 pole
Contacting type	Screw terminal
Connection conductor (mm <sup>2</sup> )	5x16 mm <sup>2</sup> / 5x25 mm <sup>2</sup>
Thread cable gland	M40x1.5
Rated current heavy current part (A)	76(16mm <sup>2</sup> ) / 80(with flat cable 5x25mm <sup>2</sup> ) A
Rated voltage heavy current part (V)	690 V
Resistance to impact	IK08
Operating Temperature (°C)	-15 to 85 °C
Installation temperature min. (°C)	5 °C
Plastic parts	Halogen-free
Material slider/bottom part	Aluminium
Material housing	Polyamide , black
Material hood	Polyamide, black
Number Screwdriver Pointed screws Heavy current part	2
Operating torque of pointed screws for heavy current section (Nm)	3,7 Nm
Number Screwdriver Clamping screws Heavy current part	Kreuzschlitz Nr.2
Tightening torque for clamping screw (Nm)	2 Nm



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### Product accessories



#### **49635 - Cable gland M40x1.5 Ø 19-28mm BK**

M40x1.5 diameter of cables Ø 19-28mm of plastic material for boxes No. 49615



#### **49636 - Cable gland M40x1.5 Ø 22-32mm SW IP68**

Cable gland M40x1.5 clamping range Ø 22-32 mm made of plastic for junction boxes no. 49615



#### **49617 - Distributor housing for fuse protection (accessory from 49615)**

Accessories for junction box 49615 Application : Fuse protection of feeder or sub-distribution up to 76A. Break-out on the output side for cable glands M25, M32, M50 (cable gland output side not included).

Application:

Fuse protection of cross-section reductions

-Branch circuit protection up to 63 A

Flat cable feeder protection up to 63 A

Cable gland (not included): M25, M32 (break-out), M50 (break-out)

Number of modules: 5HP (17.5mm)

On request, the enclosures can be equipped with FI or FI/LS.



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### Product systems



#### Flat cable system Power 5G16 mm<sup>2</sup> (IP65)

Robust, weatherproof and powerful - a flexible power supply solution for construction temporary buildings, offices, tunnels, ships, halls, trade fairs and e-mobility.



#### Flat cable system Power 5G16 mm<sup>2</sup> (IP65)



#### Flat cable system Power 5G16 mm<sup>2</sup> (IP65)



#### Flat cable system Power 5G25 mm<sup>2</sup> (IP65)

Ideal for construction temporary buildings, offices, tunnels, halls, trade fairs and e-mobility. Robust, weatherproof and powerful - perfect for temporary or permanent power supply.



#### Flat cable system Power 5G25 mm<sup>2</sup> (IP65)



#### Flat cable system Power 5G25 mm<sup>2</sup> (IP65)





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### Pre-assembled E-Mobility Installation



Our junction and branch boxes provide safe protection for your electrical installations. The installation is simple and flexible thanks to pre-assembled round cables and various cable glands.

- Our boxes are weatherproof thanks to IP65 protection class and offer a high load capacity up to 63A and cross sections up to 35 mm<sup>2</sup>.
- Perfect for garage applications with our special accessories. Rely on our reliable products for a safe electrical installation!

With our Woertz junction and branch boxes you can rely on a durable and reliable solution for your electrical installations. Protect your connections with our RCD protection and benefit from the easy installation and flexible application options.