



Product data sheet

49615/FIALSC16/3/3 - Junction box for flat cable 49615 49617 FIALSC16/3L/3M



5-pole (49615) with distribution box (49617) for flat cable5x16mm²/5x25mm², equipped with residual current circuit breaker FIA/LSC16A 30mA and pre-assembled with a round cable with 5G2.5mm², length 3 meters(free end).

Characteristics	
Base Unit	Piece
availability	Delivery in 4 weeks
EAN Code	7611718282232
group	170000
Packaging unit	1
country of origin	CH
Customs tariff number	8536.9080
Color	gray/black
Technical data	
Box Type	Junction boxes
Degree of protection	IP65
Metal parts	Corrosion protected
Number of poles	5 pole
Contacting type	Screw terminal
Connection conductor (mm²)	5x6,0 mm²



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Thread cable gland	with cable gland M25x1.5 Ø = 9 mm - 16 mm
Rated current heavy current part (A)	16 A
Rated voltage heavy current part (V)	500 V
Cable length (m)	3 m
Halogen free	Yes
Reaction to fire classification	Cca s1 d1 a1
Cross section (mm²)	5 x 2.5 mm²
Copper conductor	Fine stranded KL5 EN60228
cores insulation	Flame retardant polyolefin
Cores colors	gray,black,brown,blue,green/yellow
Sheat insulation	Polyolefin flame retardant
Sheath color	Black
Minimum bending radius	6xD
Operating Temperature (°C)	-15 to 85 °C
Installation temperature min. (°C)	5 °C
Plastic parts	Halogen-free
Material housing	Junction box made of polyamide, black Distribution box made of polycarbonate, gray
Operating torque of pointed screws for heavy current section (Nm)	3.7 Nm
Tightening torque for clamping screw (Nm)	2 Nm



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### **Product accessories**



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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)



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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.



#### 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)





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

