



Product data sheet

49616/1X5G6/10 - Junction box Pre-assembled for flat cable 49616 1M HF-K 5G6



Junction box pre-assembled 5-pole 5G16mm²/5G25mm² including mounting and 2 threaded supports M25x1.5 for 2 outlets, with pre-assembled round cable 5G6mm² 1 m, with free end. Stripped 70 mm, with wire end ferrules. Including dummy plug 49639.

Characteristics	
Base Unit	Piece
availability	Delivery according to agreement
EAN Code	7611718282126
group	0170000
Packaging unit	1
country of origin	CH
Weight (g)	1245.3 g
Color	black
Technical data	
Box Type	Junction boxes
Fire load (KWh)	2.97 kWh
Dimensions length x width x height (mm)	1200x85x73 mm
Dimensions length x width x height (inch)	47.24x3.35x2.90 inch
Degree of protection	IP65
Metal parts	Corrosion protected



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Number of poles	5 pole
Contacting type	Screw terminal
Connection conductor (mm²)	5x6,0 mm²
Thread cable gland	with cable gland M25x1.5 Ø = 12.5 mm - 20.5 mm and dummy plug M25
Rated current heavy current part (A)	57(10mm²) A
Rated voltage heavy current part (V)	690 V
Cable length (m)	1 m
Halogen free	Yes
Reaction to fire classification	Cca s1 d1 a1
Cross section (mm²)	6 mm²
Copper conductor	Fine stranded KL5 EN60228
cores insulation	Flame retardant polyolefin
Cores colors	brown,blue,green/yellow,black,gray
Sheat insulation	Polyolefin flame retardant
Sheath color	Light gray
Minimum bending radius	6xD
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	Polyamide, black



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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	2
Tightening torque for clamping screw (Nm)	2 Nm



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Product accessories



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Product systems

Flat cable system Power 5G25 mm² (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 mm² (IP65)



Flat cable system Power 5G25 mm² (IP65)



Flat cable system Power 5G16 mm² (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 mm² (IP65)



Flat cable system Power 5G16 mm² (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 mm².
- 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.