



Product data sheet

49616/2X5G6/20 - Box FK 49616 2x2M HF-K 5G6



Junction box pre-assembled 5-pole 5G16mm²/5G25mm² including mounting and 2 threaded sockets M25x1.5 for 2 outlets, with 2 pre-assembled round cables 5G6mm² 2 m, with free end. Stripped 70 mm, with ferrules.

Characteristics

Base Unit	Piece
EAN Code	7611718282157
group	0170000
Packaging unit	1
country of origin	CH
Weight (g)	2715.3 g
Color	black

Technical data

Box Type	Junction boxes
Fire load (KWh)	2.97 kWh
Dimensions length x width x height (mm)	4200x85x73 mm
Dimensions length x width x height (inch)	165.35x3.35x2.9 inch
Degree of protection	IP65
Metal parts	Corrosion protected
Number of poles	5 pole



Product data sheet

49616/2X5G6/20 - Box FK 49616 2x2M HF-K 5G6

Contacting type	Screw terminal
Connection conductor (mm²)	5x6,0 mm²
Thread cable gland	with 2 cable glands M25x1.5 Ø = 12.5 mm - 20.5 mm
Rated current heavy current part (A)	57(10mm²) A
Rated voltage heavy current part (V)	690 V
Cable length (m)	2x2 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
Operating Temperature (°C)	-15 to 85 °C
Installation temperature min. (°C)	5 °C
Plastic parts	Halogen-free
Material slider/bottom part	Polyamide, black
Material housing	Polyamide, black
Material hood	Polyamide, black



Product data sheet

49616/2X5G6/20 - Box FK 49616 2x2M HF-K 5G6

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



Product data sheet

49616/2X5G6/20 - Box FK 49616 2x2M HF-K 5G6

Product accessories



Product data sheet

49616/2X5G6/20 - Box FK 49616 2x2M HF-K 5G6

Product systems



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.



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)





Product data sheet

49616/2X5G6/20 - Box FK 49616 2x2M HF-K 5G6



Flat cable system Power 5G16 mm² (IP65)

