



Product data sheet

48958 - Feed/connection box FK E90 5G6/4/2.5 mm² with heat shrink tubing IP68



Feed / junction box E90, for feeding (round cable - flat cable) or connection (flat cable - flat cable) for flat cable 5G6/4/2.5 mm². With heat shrink tubing IP66/68Use with core sleeves also applicable with flat cable 5G6 mm² without functional integrity (Art.48780/FRNC)

Characteristics	
Base Unit	Piece
availability	Delivery according to agreement
group	170000
Packaging unit	1
country of origin	CH
Customs tariff number	8536.9080
Color	white
Technical data	
Box Type	Junction boxes
Fire load (KWh)	1,35 kWh
Dimensions length x width x height (mm)	35x30x24.5 mm
Dimensions length x width x height (inch)	1.38x1.18x0.97 inch
Degree of protection	IP66/IP68 (2m,30min)
Metal parts	Corrosion protected
Flat cable contacting type	Screw terminals



Product data sheet

48958 - Feed/connection box FK E90 5G6/4/2.5 mm² with heat shrink tubing IP68

Number of poles	5 pole
Contacting type	Screw terminal
Connection conductor (mm²)	5x2.5/5x4/5x6 mm²
Connecting capacity (mm)	4.5 mm
Rated current heavy current part (A)	41(6mm²) A
Rated voltage heavy current part (V)	250/400 V
Fire behavior	V0 (UL94)
Operating Temperature (°C)	-15 to 85 °C
Installation temperature min. (°C)	5 °C
Function maintenance	E30/E90 (DIN 4102-12)
Plastic parts	Halogen-free
Material housing	Ceramics
Number Screwdriver Clamping screws Heavy current part	schraubklemmen



Product data sheet

48958 - Feed/connection box FK E90 5G6/4/2.5 mm² with heat shrink tubing IP68

Product accessories



Product data sheet

48958 - Feed/connection box FK E90 5G6/4/2.5 mm² with heat shrink tubing IP68

Product systems



FE180 E30/E90 5G2.5 mm²

Woertz Fire Safety System FE180 E30/E90 5G2.5 mm² for power supply of safety-relevant elements, such as emergency and escape route lighting, smoke extraction systems or fire department elevators.



FE180 E30/E90 5G4 mm²

Woertz fire safety system FE180 E30/E90 5G4 mm² for power supply of safety-relevant elements, such as emergency and escape route lighting, smoke extraction systems or fire department elevators.



Flat cable system Power IP 5G6 mm² (IP66/68)

This system with 5G6 mm² is used for tunnel construction, civil engineering, industrial plants, workshops and joineries, as well as outdoors for events and open airs due to the high IP protection degree.



FE180 E30/E90 5G6 mm²

Woertz fire safety system FE180 E30/E90 5G6 mm² for power supply of safety-relevant elements, such as emergency and escape route lighting, smoke extraction systems or fire department elevators.

