



Product data sheet

48453/SI - Box FC E90 3G4 with fuse



Fire safety box with fuse adapter IP66/68 for flat cable FE180 E90 3G4mm²incl. 3 x cable gland M20x1.5, with a clamping range of Ø 6-8 mm, Ø 8-11 mm and Ø 11-15 mm respectively Project-specific design on request see document/G00'299

Characteristics	
Base Unit	Piece
availability	Delivery according to agreement
group	170000
Packaging unit	1
country of origin	CH
Customs tariff number	8536.9080
Weight (g)	480 g
Color	orange
Technical data	
Fire load (KWh)	1,38 kWh
Dimensions length x width x height (mm)	247x50x49 mm
Dimensions length x width x height (inch)	9.72x1.97x1.93 inch
Degree of protection	IP66/IP68 (2m,30min)
Metal parts	Metal parts:V4A / Contacting : Cu alloy
Flat cable contacting type	Piercing contact (screw)



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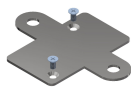
Number of poles	3 pole
Contacting type	Screw terminal
Connection conductor (mm²)	3x2.5 mm²
Thread cable gland	mit 3 Kabelverschraubungen M20x1.5 (IP68) D= 6.0 mm - 15.0 mm
Cable gland (mm)	6.0 -15.0 mm
Rated current heavy current part (A)	16 A
Rated voltage heavy current part (V)	250 V
Fuse	Single-phase (For ceramic fuse 5x20 mm)
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 slider/bottom part	Polyamide, orange
Material housing	Polyamide, orange
Material hood	Polyamide, orange



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Product accessories



48254 - Retaining plate to box 48253/48453

Retaining plate to connection box 48253/48453



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Product systems



FE180 E30/E90 3G4 mm²

Woertz fire safety system FE180 E30/E90 3G4 mm² for power supply of safety-relevant elements, such as emergency and escape route lighting, smoke extraction systems or fire department elevators.



Tunnel orientation lighting system E90

E90 handrail system with integrated LED lighting and flat cable power distribution with integrated LED lighting and flat cable power distribution for escape route orientation for road and rail tunnels with E90 function maintenance. Flame retardant, halogen-free and self-extinguishing. E90 system according to DIN4102-12.

