



Product data sheet

48453/03 - Junction box FK E90 3G4 M20 Ø 11-15



Fire safety box IP66/IP68, 2-screw contacting for stripping-free feeding and branching, with screw connection for heavy current 3G4 mm², lengthwise outgoing, thread M20x1.5 incl. 1 x cable gland with Ø 11-15 mm

| Characteristics                           |                                         |
|-------------------------------------------|-----------------------------------------|
| Base Unit                                 | Piece                                   |
| availability                              | Delivery according to agreement         |
| EAN Code                                  | 7611718269875                           |
| group                                     | 170000                                  |
| Packaging unit                            | 1                                       |
| country of origin                         | CH                                      |
| Customs tariff number                     | 8536.9080                               |
| Weight (g)                                | 386 g                                   |
| Color                                     | orange                                  |
| Technical data                            |                                         |
| Fire load (KWh)                           | 1,13 kWh                                |
| Dimensions length x width x height (mm)   | 137x50x49 mm                            |
| Dimensions length x width x height (inch) | 5.39x1.97x1.93 inch                     |
| Degree of protection                      | IP66/IP68 (2m,30min)                    |
| Metal parts                               | Metal parts:V4A / Contacting : Cu alloy |



Product data sheet

48453/03 - Junction box FK E90 3G4 M20 Ø 11-15

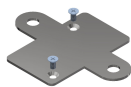
|                                      |                                                            |
|--------------------------------------|------------------------------------------------------------|
| Flat cable contacting type           | Piercing contact (screw)                                   |
| Number of poles                      | 3 pole                                                     |
| Contacting type                      | Screw terminal                                             |
| Connection conductor (mm²)           | 3x4 mm²                                                    |
| Thread cable gland                   | mit Kabelverschraubung M20x1.5 (IP68) D= 11.0 mm - 15.0 mm |
| Cable gland (mm)                     | 11.0-15.0 mm                                               |
| Rated current heavy current part (A) | 32(4mm²) A                                                 |
| Rated voltage heavy current part (V) | 690 V                                                      |
| 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                                          |



Product data sheet

48453/03 - Junction box FK E90 3G4 M20 Ø 11-15

Product accessories



**48254 - Retaining plate to box 48253/48453**

Retaining plate to connection box 48253/48453



## Product data sheet

48453/03 - Junction box FK E90 3G4 M20 Ø 11-15

### Product systems

---



#### **FE180 E30/E90 3G4 mm<sup>2</sup>**

Woertz fire safety system FE180 E30/E90 3G4 mm<sup>2</sup> for power supply of safety-relevant elements, such as emergency and escape route lighting, smoke extraction systems or fire department elevators.

---

