



Product data sheet

48653/01 - Junction box FK E90 5G4 mm² M20 Ø 6-8



Fire safety box IP66/IP68, 2-screw contacting for stripping-free feeding and branching, with screw connection for heavy current 5G4 mm², lengthwise outgoing, incl. 1 x cable glands M20x1.5, with a clamping range of Ø 6-8 mm.

Characteristics

|                       |                                 |
|-----------------------|---------------------------------|
| Base Unit             | Piece                           |
| availability          | Delivery according to agreement |
| EAN Code              | 7611718269936                   |
| group                 | 170000                          |
| Packaging unit        | 1                               |
| country of origin     | CH                              |
| Customs tariff number | 8536.9080                       |
| Weight (g)            | 771,1 g                         |
| Color                 | orange                          |

Technical data

|                                           |                                         |
|-------------------------------------------|-----------------------------------------|
| Fire load (KWh)                           | 1,91 kWh                                |
| Dimensions length x width x height (mm)   | 185x65x70 mm                            |
| Dimensions length x width x height (inch) | 7.28x2.56x2.76 inch                     |
| Degree of protection                      | IP66/IP68 (2m,30min)                    |
| Metal parts                               | Metal parts:V4A / Contacting : Cu alloy |



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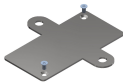
|                                         |                                                          |
|-----------------------------------------|----------------------------------------------------------|
| Flat cable contacting type              | Piercing contact (screw)                                 |
| Number of poles                         | 5 pole                                                   |
| Contacting type                         | Screw terminal                                           |
| Connection conductor (mm <sup>2</sup> ) | 5x2,5 mm <sup>2</sup>                                    |
| Thread cable gland                      | mit Kabelverschraubung M20x1.5 (IP68) D= 6.0 mm - 8.0 mm |
| Cable gland (mm)                        | 6.0- 8.0 mm                                              |
| Rated current heavy current part (A)    | 32(4mm <sup>2</sup> ) 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                                        |



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Product accessories

|                                                                                  |                                                                                                                                               |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>48354 - Retaining plate for junction box (48353/48653/48753)</b></p> <p>Retaining plate for junction box 48353-55/48653-55/48753-55</p> |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|



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### Product systems



**FE180 E30/E90 5G4 mm<sup>2</sup>**



Woertz fire safety system FE180 E30/E90 5G4 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.