



Product data sheet

48353/SI - Box FC E90 5G2.5 with fuse



Branching box E90 with fuse adapter IP66/68 for flat cable FE180 E90 5G2.5mm<sup>2</sup> with 3 cable glands M20x1.5 Ø6.0 - 15.0mm 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                               |
| Color                                     | orange                                  |
| Technical data                            |                                         |
| Fire load (KWh)                           | 2,16 kWh                                |
| Dimensions length x width x height (mm)   | 295x50x49 mm                            |
| Dimensions length x width x height (inch) | 11,61x1,96x1.92 inch                    |
| Degree of protection                      | IP66/IP68 (2m,30min)                    |
| Metal parts                               | Metal parts:V4A / Contacting : Cu alloy |
| Flat cable contacting type                | Piercing contact (screw)                |
| Number of poles                           | 5 pole                                  |



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|                                      |                                                               |
|--------------------------------------|---------------------------------------------------------------|
| Contacting type                      | Screw terminal                                                |
| Connection conductor (mm²)           | 5x2,5 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) | 250/400 V                                                     |
| Fuse                                 | Three-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

|                                                                                  |                                                               |
|----------------------------------------------------------------------------------|---------------------------------------------------------------|
|  | <b>48353/01 - Box FC E90 5G2.5 junction M20 D:6-8</b><br>null |
|----------------------------------------------------------------------------------|---------------------------------------------------------------|



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### Product systems



**FE180 E30/E90 5G2.5 mm<sup>2</sup>**

Woertz Fire Safety System FE180 E30/E90 5G2.5 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.

