



## FK 7165

### FK-Cable junction box

- for normal environment and protected outdoor
- connecting terminal made from ceramic with resistance to high temperatures
- Functional integrity in accordance with DIN 4102 part 12 in combination with function-retaining cables
- The enclosed screw anchors can be used for concrete C20/25, limestone blocks KSV 12, building bricks MZ 12 and clinker bricks KS 12.

Dimension drawing



rated connecting capacity	Connection box for 2 cables 1,5-16 mm <sup>2</sup> Junction box 1,5-6 mm <sup>2</sup>
conductor material:	Cu
polarity	5-pole, per pole
conductor cross section	sol 4 x 1,5 mm <sup>2</sup> sol 4 x 2,5 mm <sup>2</sup> sol 4 x 4 mm <sup>2</sup> sol 4 x 6 mm <sup>2</sup>
conductor cross section	sol 2 x 10 mm <sup>2</sup> sol 2 x 16 mm <sup>2</sup> mm <sup>2</sup>
current carrying capacity	of the terminal 63 A A
rated insulation voltage	AC/DC 400 V
degree of protection:	IP 65
material:	Duroplastic
colour:	orange RAL 2003
cable entry	included 4 EDKF 40
sealing range	Ø 11-30 mm mm
in accordance with Testings:	DIN 4102 part 12 IEC 60 670-22 Tested with the cable manufacturers Dätwyler, Eupen, Studer, Prysmian and Nexans for the functional integrity classes E30 and E90, see test certificate no.: P-MPA-E-08-021, download available from <a href="http://www.hensel-electric.de">www.hensel-electric.de</a>

#### Operating and ambient conditions

Application area	Suitable for indoor installation and outdoor installation, protected against weather influences according to DIN VDE 0100 Part 737
ambient temperature	Average value over 24 hours + 35° C Maximum value + 40° C Minimum value - 25° C
Relative humidity	50% at 40° C short-time 100% at 25° C
Toxic behaviour	Duroplastic halogen-free "halogen-free" in accordance with the examination of the cables and insulated wires - corrosiveness of fumes - as per IEC 754-2