


Approved for intrinsic fire resistance, material: Sheet steel



FK 6505

- Cable junction box E90 16-35 mm², Cu, "r"
- Connection box E90 16-50 mm², Cu, "r"

IP
65

E90

- 5-pole per pole 6 x 16 mm² r, 4 x 25 mm² r, 4 x 35 mm² r, 2 x 50 mm² r
- connecting terminal made from ceramic with resistance to high temperatures
- mounted cable entries 2 ASS 63, sealing range Ø 20-48 mm
- on the longitudinal sides each with 2 locking screws M 50
- intrinsic fire resistance in accordance with DIN 4102-12 (German standard) in combination with function-retaining cables
- tested with cable manufacturers Dätwyler, Prysmian and Eupen for the intrinsic fire resistance E90, see test certificate no.: P-1011 DMT DO, download at www.hensel-electric.de > Type - Documents
- mounted using exterior wall fixings, keyhole 8 mm (dowel refer to technical data)
- for normal environment and protected outdoor
- colour: orange, RAL 2003

rated insulation voltage	U _i = 690 V a.c./d.c.
rated current:	150 A
material	External brackets for wall fixing: Stainless steel 1.4462, resistance class IV Enclosure including lid: electrolytically galvanized steel sheet, outer screws: Stainless steel 1.4571, resistance class III powder-coated
tightening torque for terminal	2.5 Nm
degree of protection	IP 65 (ASS)
height	276 mm
width	515 mm
depth	138 mm
weight	12,7 kg
in accordance with	DIN 4102 part 12

Drawings

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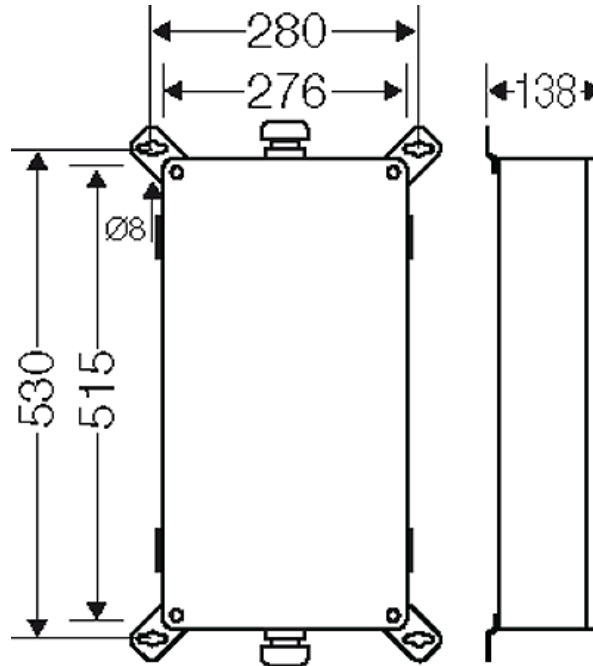
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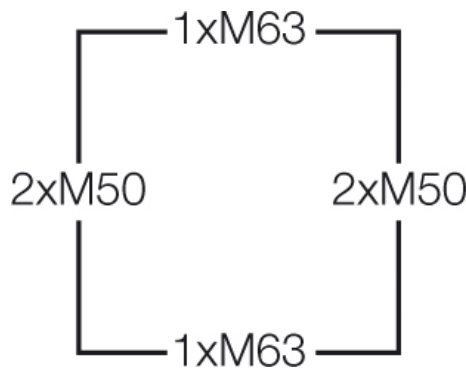
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Dimension drawing



Box walls



Operating and ambient conditions

Application area	Suitable for indoor installation and outdoor installation, protected against weather influences
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
Degree of protection against mechanical load	IK10 (20 Joule)

Toxic behaviour

Sheet steel, powder-coated
halogen-free
"halogen-free" in accordance with the examination of the cables
and insulated wires - corrosiveness of fumes - as per IEC 60754-2