Halogen-free junction box with pre-mounted, soft plug-in seals, approved for the maintenance of electrical functionality according to DIN 4102 Part 12. Maintenance of electrical functionality classes E30 to E90.

Colour: Pastel orange.

Fully mounted connection unit made of high temperature-resistant special ceramic and labelled protective conductor terminals. Supplied with 2 MMS 6x50 fire protection screw ties for anchorless fastening on the external straps.
The wire diameter of the data cables is Ø 0.8 mm. Up to 6 rigid copper wires (0.5 mm²) possible on each terminal. High protection rating IP66, impact resistance class IK08.

Details on the cable types and manufacturers can be found in the general construction test certificate of the material testing institute NRW, Erwitte.
Number of terminals, including 2 protective conductor terminals.

Internal clearance: 136x102x57 mm.

E30	E60	E90	IP 66
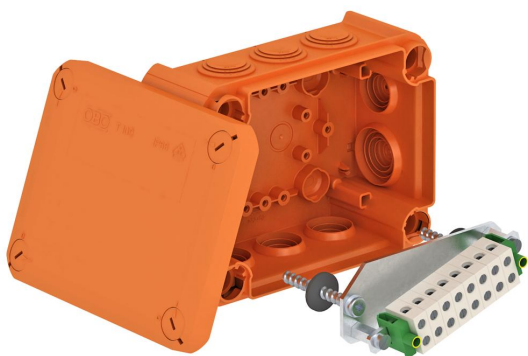
PP	Polypropylene

Master data

Item number	7205580
Type	T 100 ED 4-10 D
Description 1	Junction box
Description 2	for function maintenance
Manufacturer	OBO
Dimension	150x116x67
Colour	Pastel orange; RAL 2003
Material	Polypropylene
Smallest sales unit	1
Unit of quantity	Piece
Weight	38.3 kg
Weight unit	kg/100 pc.

Technical data sheet
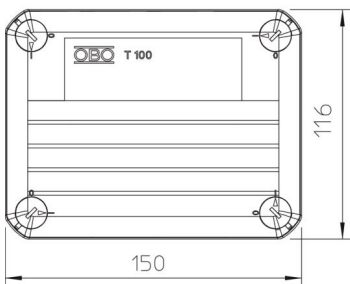
FireBox T100ED for data technology with internal fastening

Item number: 7205580

OBO BETTERMANN

Dimensions
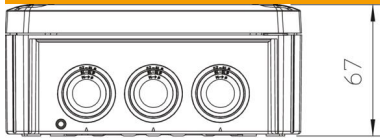
Length	150 mm
Width	116 mm
Height	67 mm

Technical data

Expandable	no
No. of entries	10
Number of terminals	10
Type of housing penetration	Cuttable stepped membrane
Measured insulation voltage Vi	690 V
Equipment	Terminal
Cover	Not transparent
Cover fastening	Screwed
Entry from rear	no
Entries	8x M25
	2x M32
Explosion-tested version	no
Shape	Rectangular
Maintain electrical functions	E 90
For Ex zone	Without
For Ex zone gas	Without
For Ex zone dust	Without
Halogen-free	yes
Clear internal dimensions	136x102x57 mm
With screening	no
with lid	yes
Nominal cross-section, min.	4 mm²
Nominal voltage	660 V
Sealable	no
Impact-resistant	no
Protection rating	IP66
Weatherproof	no