Technical data sheet

FireBox T100ED with external fastening

Item number: 7205543





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 terminal. Supplied with 2 MMS 6x50 fire protection screw ties for anchorless fastening on the external straps. Nominal cross-section of power cable: Max. 10 mm². Maximum of two 4 mm² rigid copper cables per 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 protective conductor terminal.

Internal clearance: 136x102x57 mm.











Polypropylene

Master data

Item number	7205543
Туре	T 100 ED 10-5 A
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	40.6 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to- Gate	1,7546 kg COe / 1 Piece

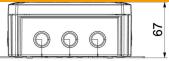
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FireBox T100ED with external fastening

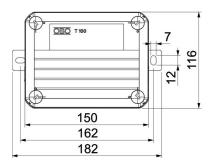




Dimensions



Length	150 mm
Width	116 mm
Height	67 mm



Technical data

No. of entries Number of terminals Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Cover fastening Entry from rear Entries Explosion-tested version Shape Maintain electrical functions For Ex zone For Ex zone Not transparent Coutable stepped membrane 690 V Terminal Not transparent Screwed Not transparent 2x W32 Explosion-tested version No Rectangular E 90 Without Without		
Number of terminals Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Cover fastening Entry from rear Entries Explosion-tested version Shape Maintain electrical functions For Ex zone For Ex zone Cuttable stepped membrane 690 V Terminal Not transparent Screwed Not transparent Screwed Explosion-tested version No Rectangular E 90 Without Without For Ex zone gas Without	Expandable	
Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Cover fastening Entry from rear Entries Screwed Explosion-tested version Shape Maintain electrical functions For Ex zone For Ex zone Measured insulation Cuttable stepped membrane 690 V Teminal Screwed Screwed Explosion-tested Screwed 8x M25 2x M32 Explosion-tested version no Rectangular E 90 Without For Ex zone gas Without		10
Measured insulation voltage Vi 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	Number of terminals	5
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	, · · · · · · · · · · · · · · · · · · ·	Cuttable stepped membrane
Cover	Measured insulation voltage Vi	690 V
Cover fastening Entry from rear Entries Screwed Entry from rear Entries 8x M25 2x M32 Explosion-tested version Shape Rectangular Maintain electrical functions For Ex zone For Ex zone gas Without	Equipment	Teminal
Entry from rear Entries 8x M25 2x M32 Explosion-tested version Shape Rectangular Maintain electrical functions For Ex zone For Ex zone gas No 8th M25 2x M32 Explosion-tested version No Shape Rectangular Without For Ex zone Without For Ex zone gas Without	0010.	Not transparent
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	Cover fastening	Screwed
2x M32 Explosion-tested version no Shape Rectangular Maintain electrical functions E 90 For Ex zone Without For Ex zone gas Without	Entry from rear	no
Explosion-tested version no Shape Rectangular Maintain electrical functions E 90 For Ex zone Without For Ex zone gas Without	Entries	8x M25
Explosion-tested version no Shape Rectangular Maintain electrical functions E 90 For Ex zone Without For Ex zone gas Without		
Shape Rectangular Maintain electrical functions E 90 For Ex zone Without For Ex zone gas Without		2x M32
Maintain electrical functions E 90 For Ex zone Without For Ex zone gas Without	Explosion-tested version	no
For Ex zone Without For Ex zone gas Without	Shape	Rectangular
For Ex zone gas Without	Maintain electrical functions	E 90
Total and a second seco	For Ex zone	Without
	For Ex zone gas	Without
For Ex zone dust Without	For Ex zone dust	Without
Halogen-free yes	Halogen-free	yes
Clear internal dimensions 136x102x57 mm	Clear internal dimensions	136x102x57 mm
With screening no	With screening	no
with lid yes	with lid	yes
Nominal cross-section, min. 10 mm ²	Nominal cross-section, min.	10 mm²
Nominal voltage 660 V	Nominal voltage	660 V
Sealable no	Sealable	no
Impact-resistant no	Impact-resistant	no
Protection rating IP66	Protection rating	IP66
Transparent lid no	Transparent lid	no
Weatherproof no	Weatherproof	no