Technical data sheet

FireBox T160ED with internal fastening

Item number: 7205536





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.

Including pre-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.

Nominal cross-section of power cable: Max. 16 $\,{\rm mm^2}.$ Maximum of two 6 ${\rm mm^2}$ rigid copper cables per terminal.

High protection rating IP66, impact resistance class IK05.

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: 176x135x67 mm.









Polypropylene

Master data

Item number	7205536
Туре	T 160 ED 16-5
Description 1	Junction box
Description 2	for function maintenance
Manufacturer	OBO
Dimension	190x150x77
Colour	Pastel orange; RAL 2003
Material	Polypropylene
Smallest sales unit	1
Unit of quantity	Piece
Weight	62.5 kg
Weight unit	kg/100 pc.
Smallest sales unit Unit of quantity Weight	1 Piece 62.5 kg

Technical data sheet

FireBox T160ED with internal fastening

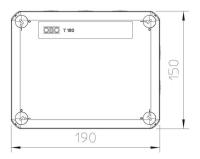




Dimensions



Length	190 mm
Width	150 mm
Height	77 mm



Technical data

Expandable No. of entries 12 Number of terminals 5 Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Cover fastening Entry from rear Entries 7x M25 5x M32 Explosion-tested version Shape Rectangular Maintain electrical functions For Ex zone For Ex zone dust Halogen-free Clear internal dimensions With screening With screening Nominal cross-section, min. Nominal voltage Sealable Impact-resistant Impact-resistant Impact-resistant Impact-resistant Impact-resistant Impact-resistant Impact-resistant Impact-resistant Impact-resistant Incompact Inc		
Number of terminals Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Cover Screwed Entry from rear Entries Tyx M25 5x M32 Explosion-tested version Shape Maintain electrical functions For Ex zone Clear internal dimensions With out Halogen-free Clear internal dimensions With screening Nominal cross-section, min. Nominal voltage Sexelosion No Sealable Impact-resistant Not transparent Cuttable stepped membrane G90 V Teminal Sey U Teminal Cuttable stepped membrane G90 V Equipment Teminal Cuttable stepped membrane G90 V Equipment Teminal Cuttable stepped membrane G90 V Equipment Teminal Cover Not transparent Screwed Sexed Sexed Sexed Sexed Sey Sey Sexed Sey Sey Sexed Sey Sexed Sey Sey Sexed Sey Sexed Sey Sexed Sey Sexed Sexed Sexed Sey Sexed	•	
Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Cover fastening Entry from rear Entries Tx M25 5x M32 Explosion-tested version Shape Rectangular Maintain electrical functions For Ex zone For Ex zone gas Without Halogen-free Clear internal dimensions With screening With Use Nominal cross-section, min. Nominal voltage Sealable Ino Impact-resistant Ino India voltage Sey G90 V Equipment Cuttable stepped membrane 690 V Eembrale 690 V Eembrale For Ex cone Not transparent Not transparent Screwed Ino Ineminal Rectangular Ino Ino Ino Ino Impact-resistant Ino IP66		12
Measured insulation voltage Vi 690 V Equipment Terminal Cover Not transparent Cover fastening Screwed Entry from rear no Entries 7x M25 5x M32 Explosion-tested version no Shape Rectangular Maintain electrical functions E 90 For Ex zone Without For Ex zone dust Without Halogen-free yes Clear internal dimensions 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Number of terminals	5
Equipment Terminal Cover Not transparent Cover fastening Screwed Entry from rear no Entries 7x M25 5x 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 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Type of housing penetration	
Cover Not transparent Cover fastening Screwed Entry from rear no Entries 7x M25 5x 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 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Measured insulation voltage Vi	690 V
Cover fastening Screwed Entry from rear no Entries 7x M25 5x 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 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Equipment	Terminal
Entry from rear no Entries 7x M25 5x 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 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Cover	Not transparent
Entries 7x M25 5x 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 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Cover fastening	Screwed
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 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Entry from rear	no
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 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Entries	7x M25
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 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66		5x M32
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 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Explosion-tested version	no
For Ex zone Without For Ex zone gas Without For Ex zone dust Without Halogen-free yes Clear internal dimensions 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Shape	Rectangular
For Ex zone gas Without For Ex zone dust Without Halogen-free yes Clear internal dimensions 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Maintain electrical functions	E 90
For Ex zone dust Without Halogen-free yes Clear internal dimensions 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	For Ex zone	Without
Halogen-free yes Clear internal dimensions 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	For Ex zone gas	Without
Clear internal dimensions 176x135x67 mm With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	For Ex zone dust	Without
With screening no with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Halogen-free	yes
with lid yes Nominal cross-section, min. 16 mm² Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	Clear internal dimensions	176x135x67 mm
Nominal cross-section, min. Nominal voltage 660 V Sealable no Impact-resistant Protection rating 16 mm² 16 mm² 17 m² 18 m² 19 m² 19 m² 10 m² 1	With screening	no
Nominal voltage 660 V Sealable no Impact-resistant no Protection rating IP66	with lid	yes
Sealable no Impact-resistant no Protection rating IP66	Nominal cross-section, min.	16 mm²
Impact-resistant no Protection rating IP66	Nominal voltage	660 V
Protection rating IP66	Sealable	no
· · · · · · · · · · · · · · · · · · ·	Impact-resistant	no
Weatherproof no	Protection rating	IP66
	Weatherproof	no