Technical data sheet

Junction box X 01

Item number: 2005140





Junction box for the connection of cables and lines indoors and in outdoor areas. Square design with knock-out entries. Suitable for wall and ceiling mounting with the option to fasten outside, inside or to mount via the corner domes. Particularly impact resistant with IK09. Cover with quick lock, sealable. Made from halogenfree and UV-resistant materials.

Junction box according to DIN EN 60670. Flame-resistant to DIN EN 60695/2/11, test temperature 650 °C. Impact resistance IK09 according to DIN EN 50102. Protection rating IP67 according to DIN EN 60529.

The base is black and the cover is signal red with black fastening elements.























Polycarbonate

Master data

Item number	2005140
Type	X01 SW-RO
Description 1	Junction box
Description 2	with red cover
Manufacturer	OBO
Dimension	95x95x60
Colour	Black / red
Material	Polycarbonate
Smallest sales unit	1
Unit of quantity	Piece
Weight	16 kg
Weight unit	kg/100 pc.

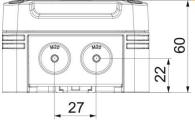
Technical data sheet

Junction box X 01

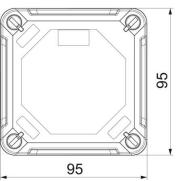
Item number: 2005140



Dimensions



•	95 mm
Width	95 mm
Height	60 mm



Technical data

Expandable yes No. of entries 7 Type of entry Cuttable stepped membrane Type of housing penetration Measured insulation voltage Vi Equipment Without Cover Not transparent Cover fastening Screwed Entry from rear no Entries 7 x Ø20 Explosion-tested version no Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Square Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 85x85x45 mm Max. Conductor cross-section With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, min. Nominal cross-section, min. Nominal voltage 750 V Sealable yes Internation of the protection rating IF 67 Protection rating IK code IK09		
Type of entry Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Cover fastening Entry from rear Entries 7 x Ø20 Explosion-tested version Flame-resistant Square Fibre-glass reinforced Halogen-free Clear internal dimensions Max. Conductor cross-section With screening with lid Wester for section for sec	•	•
Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Screwed Entry from rear Entries 7 x Ø20 Explosion-tested version Flame-resistant Square Fibre-glass reinforced Halogen-free Clear internal dimensions Max. Conductor cross-section With screening With screening With screening With screesing Mounting type Nominal cross-section, max. Nominal voltage Sealable Inpact-resistant Pre-marking 750 V Without Not transparent Screwed Not 200 Explosion-tested version no sec. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Square Square Fibre-glass reinforced yes 1.5 mm² Nowinal cross-section Nominal voltage 750 V Sealable Ipe7	No. of entries	7
Measured insulation voltage Vi Equipment Cover Not transparent Cover fastening Entry from rear Entries 7 x Ø20 Explosion-tested version Flame-resistant Square Fibre-glass reinforced Halogen-free Clear internal dimensions Max. Conductor cross-section With screening With screening With lid Mounting type Mounting type Nominal cross-section, min. Nominal voltage Square 750 V Without Without Without Not transparent Screwed no 1.5 W20 Square Flame-resistant Square Square Square Yes Clear internal dimensions 85x85x45 mm 1.5 mm² Now With screening Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal voltage 750 V Sealable Impact-resistant Yes Inpact-resistant Yes Inpoct-resistant Inpoct-resistant Yes Inpoct-resistant	Type of entry	Cuttable stepped membrane
Equipment Without Cover Not transparent Cover fastening Screwed Entry from rear no Entries 7 x Ø20 Explosion-tested version no Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Square Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 85x85x45 mm Max. Conductor cross-section 1.5 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Type of housing penetration	Pre-marking
Cover Screwed Entry from rear Entries 7 x Ø20 Explosion-tested version no Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Square Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 85x85x45 mm Max. Conductor cross-section 1.5 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable Impact-resistant yes Protection rating IP67	Measured insulation voltage Vi	750 V
Cover fastening Entry from rear Entries 7 x Ø20 Explosion-tested version Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Square Fibre-glass reinforced Halogen-free Ves Clear internal dimensions Max. Conductor cross-section With screening with lid yes Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Screwed 750 V Sealable Inpact-resistant Protection rating Ino Screwed Ino Nominal cross-section Ino VED 0471/DIN 695 Part 2-1, test temperature 650°C Square For VED	Equipment	Without
Entry from rear no Entries 7 x Ø20 Explosion-tested version no Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Square Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 85x85x45 mm Max. Conductor cross-section 1.5 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Cover	Not transparent
Entries 7 x Ø20 Explosion-tested version no Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Square Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 85x85x45 mm Max. Conductor cross-section 1.5 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Cover fastening	Screwed
Explosion-tested version no Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Square Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 85x85x45 mm Max. Conductor cross-section 1.5 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Entry from rear	no
Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Square Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 85x85x45 mm Max. Conductor cross-section 1.5 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Entries	7 x Ø20
Shape Square Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 85x85x45 mm Max. Conductor cross-section 1.5 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Explosion-tested version	no
Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 85x85x45 mm Max. Conductor cross-section 1.5 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Flame-resistant	acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C
Halogen-free yes Clear internal dimensions 85x85x45 mm Max. Conductor cross-section 1.5 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Shape	Square
Clear internal dimensions 85x85x45 mm Max. Conductor cross-section 1.5 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Fibre-glass reinforced	yes
Max. Conductor cross-section With screening with lid yes Mounting type Nominal cross-section, max. Nominal voltage Sealable Impact-resistant Protection rating 1.5 mm² Wall/ceiling mounting 1.5 mm² 1.6 mm² 1.7 m² 1.8 m² 1	Halogen-free	yes
With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Clear internal dimensions	85x85x45 mm
with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Max. Conductor cross-section	1.5 mm ²
Mounting type Wall/ceiling mounting Nominal cross-section, max. 1.5 mm² Nominal cross-section, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	With screening	no
Nominal cross-section, max. Nominal cross-section, min. Nominal voltage 750 V Sealable Impact-resistant Protection rating 1.5 mm² 0.8 mm² 750 V Sealable yes Impact-resistant yes IP67	with lid	yes
Nominal cross-section, min. Nominal voltage 750 V Sealable Impact-resistant Protection rating Nominal cross-section, min. 0.8 mm² 750 V yes Impact-resistant yes IP67	Mounting type	Wall/ceiling mounting
Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Nominal cross-section, max.	1.5 mm ²
Sealable yes Impact-resistant yes Protection rating IP67	Nominal cross-section, min.	0.8 mm ²
Impact-resistant yes Protection rating IP67	Nominal voltage	750 V
Protection rating IP67	Sealable	yes
	Impact-resistant	yes
Protection rating IK code IK09	Protection rating	IP67
	Protection rating IK code	IK09

Technical data sheet Junction box X 01



Item number: 2005140

Technical data	
Permitted temperature ran max.	ge, 60 °C
Permitted temperature ran min.	ge, -5 °C
Weatherproof	yes