Technical data sheet

Junction box X 01

Item number: 2005000





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.























Polycarbonate

Master data

Item number	2005000
Type	X01 LGR
Description 1	Junction box
Manufacturer	OBO
Dimension	95x95x60
Colour	Light grey; RAL 7035
Material	Polycarbonate
Smallest sales unit	1
Unit of quantity	Piece
Weight	16 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to- Gate	0,6863 kg CO2e / 1 Piece

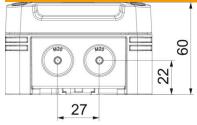
Technical data sheet

Junction box X 01

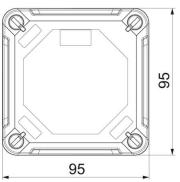
Item number: 2005000



Dimensions



95 mm
95 mm
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: 2005000

Technical data		
	Permitted temperature range, max.	60 °C
	Permitted temperature range, min.	-5 °C
	Transparent lid	no
	Weatherproof	yes