Technical data sheet

Junction box X 01 with cable gland and terminal strip







Junction box with terminal strip 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 halogen-free and UV-resistant materials.

Including terminal strip, 3 cable glands V-TEC M20 and 3 locknuts.

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

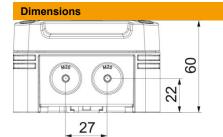
Master data		
	Item number	2005220
	Туре	X01 T G M20 LGR
	Description 1	Junction box
	Description 2	terminal strip, 3xV-TEC VM20+
	Manufacturer	OBO
	Dimension	95x95x60
	Colour	Light grey; RAL 7035
	Material	Polycarbonate
	Smallest sales unit	1
	Unit of quantity	Piece
	Weight	20.5 kg
	Weight unit	kg/100 pc.

Technical data sheet

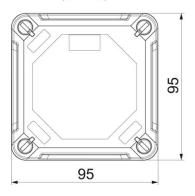
Junction box X 01 with cable gland and terminal strip



Item number: 2005220



Length	95 mm
Width	95 mm
Height	60 mm



Technical data

Expandable yes No. of entries 7 Type of entry Gland Type of housing penetration Measured insulation voltage Vi Equipment Terminal 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 Mounting type Wall/ceiling mounting Nominal cross-section, min. Nominal cross-section, min. Nominal voltage 750 V Sealable yes Inpact-resistant yes Protection rating IK code IK09		
Type of entry Type of housing penetration Pre-marking Measured insulation voltage Vi Equipment Cover Not transparent Cover 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 lid Wes Mounting type Nominal cross-section, min. Nominal voltage Type of housing penetration Pre-marking Pre-markin	•	•
Type of housing penetration Measured insulation voltage Vi Equipment Cover Cover (Not transparent) Cover fastening Entry from rear Entries (7 x Ø20) Explosion-tested version Flame-resistant Square Fibre-glass reinforced Halogen-free (Scenductor cross-section) Max. Conductor cross-section Mith screening With screening With lid Mounting type Nominal cross-section, max. Nominal voltage Sealable Inpact-resistant Premarking 750 V Teminal 750 V Teminal 750 V Teminal 750 V Teminal 750 V Served 100 100 100 100 100 100 100 100 100 10	No. of entries	7
Measured insulation voltage Vi Equipment 750 V Equipment Terminal 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 voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Type of entry	Gland
Equipment Teminal 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, min. 0.8 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Type of housing penetration	Pre-marking
Cover Screwed 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 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. 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 Row W20 Explosion 10 Acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Square Fibre-glass reinforced yes Wes Wes Sex 85x45 mm In.5 mm² In.5 mm² Vall/ceiling mounting Nominal cross-section, min. Nominal voltage Inpact-resistant Incomparison Incompari	Equipment	Terminal
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 Max. Conductor cross-section With screening with lid yes Mounting type Nominal cross-section, max. Nominal voltage Sealable Impact-resistant Protection rating 85x85x45 mm 1.5 mm² Nowling 1.5 mm² 1.750 V 1	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 No.8 mm² 750 V Sealable yes Impact-resistant yes Protection rating 1.5 mm² 0.8 mm² 750 V Sealable yes Impact-resistant yes	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 mm²
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 Jes	with lid	yes
Nominal cross-section, min. Nominal voltage 750 V Sealable Impact-resistant Protection rating 0.8 mm² yes yes Impact-resistant IP67	Mounting type	Wall/ceiling mounting
Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Nominal cross-section, max.	1.5 mm²
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 with cable gland and terminal strip



Item number: 2005220

Technical data	
Permitted te max.	emperature range, 60 °C
Permitted te min.	emperature range, -5 °C
Weatherprod	of ves