Technical data sheet

Junction box X 01 with cable gland

Item number: 2005030





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.

Including 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 $^{\circ}$ C. Impact resistance IK09 according to DIN EN 50102. Protection rating IP67 according to DIN EN 60529.





















Polycarbonate

Master data

Item number	2005030
Type	X01 G M20 LGR
Description 1	Junction box
Description 2	with 3xV-TEC VM and 3x116
Manufacturer	OBO
Dimension	95x95x60
Colour	Light grey; RAL 7035
Material	Polycarbonate
Smallest sales unit	1
Unit of quantity	Piece
Weight	19 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to- Gate	0,8349 kg CO2e / 1 Piece

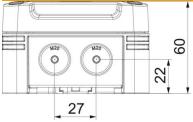
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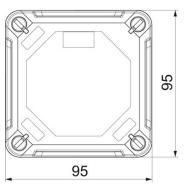




Dimensions



95 mm
95 mm
60 mm



Technical data

Expandable yes No. of entries 7 Type of entry Gland Type of housing penetration Pre-marking Measured insulation voltage Vi Equipment Miscellaneous 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. Nominal voltage 750 V Sealable Impact-resistant yes 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 Tybe of entry Type of housing penetration Not transparent Cover Not transparent Cover fastening Entry from rear Entries Tybe of entry Type of housing penetration Not transparent Cover Not transparent Cover Not transparent Cover Screwed Entry from rear Ino Explosion-tested version Ino Flame-resistant Ino Explosion-tested version Ino Flame-resistant Ino Explosion-tested version Ino Explosion-	•	ļ *
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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 Mounting type Nominal cross-section, min. Nominal voltage Square Flore Square Nominal voltage Spin Miscellaneous Miscellaneous Not transparent Miscellaneous Not transparent Screwed Not transparent Not tra	Type of entry	Gland
Equipment Miscellaneous 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 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. 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 Impact-resistant India Nominal voltage Vall/ceiling mounting Nominal voltage Ves Impact-resistant Ves Protection rating IP67	Equipment	Miscellaneous
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 Mounting type Nominal cross-section, max. Nominal voltage Sealable Impact-resistant Protection rating 85x85x45 mm 1.5 mm² Nowlead 1.5 mm² 1.6 m² 1.750 V 1.750 V	Fibre-glass reinforced	yes
Max. Conductor cross-section With screening no with lid yes Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Sealable Impact-resistant Protection rating 1.5 mm² 0.8 mm² 750 V Sealable yes Impact-resistant yes Protection rating 1.5 mm² 0.8 mm² 750 V	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. Nominal cross-section, min. 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

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Item number: 2005030

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