#### **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

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Item number	2005030	
Type	X01 G M20 LGR	
Description 1	Junction box	
Description 2	with 3xV-TEC VM and 3x116	
Manufacturer	ОВО	
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.	

### **Technical data sheet**

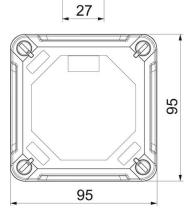
### Junction box X 01 with cable gland





# Dimensions 09

•	95 mm
Width	95 mm
Height	60 mm



#### Technical data

Expandable No. of entries 7 Type of entry Cland 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 What Square Mounting type Mounting type Nominal cross-section, min. Nominal cross-section, min. Nominal voltage Fibre-glasten Nominal voltage Nominal resistant Nominal voltage Nominal voltage Nominal resistant Nominal resistant Nominal voltage Nominal resistant Nominal resistant Nominal voltage Nominal resistant Nominal voltage Nominal voltage Nominal resistant Nominal voltage Nominal resistant Nominal resistant Nominal voltage Nominal resistant Nominal resistant Nominal voltage Nominal resistant Nominal Ricode		
Type of entry Type of housing penetration 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 lid yes Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Type of housing penetration Pre-marking Pre-marki	•	1
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  Scquare  Fibre-glass reinforced  Halogen-free  Clear internal dimensions  Max. Conductor cross-section  Max. Conductor cross-section  With screening  with lid  Nominal cross-section, max.  Nominal voltage  Sequare  Pre-marking  750 V  Miscellaneous  Not transparent  Screwed  Not transparent  Screwed  7 x Ø20  Explosion-tested version  no  scc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C  Shape  Square  Square  Stx85x45 mm  1.5 mm²  Nowing type  Wall/ceiling mounting  Nominal cross-section, max.  Nominal voltage  750 V  Sealable  Ipes  Ipes	No. of entries	7
Measured insulation voltage Vi Equipment Miscellaneous Cover Not transparent Cover fastening Entry from rear Entries 7 x Ø20 Explosion-tested version Flame-resistant Coer Square Fibre-glass reinforced Halogen-free Clear internal dimensions Max. Conductor cross-section With screening with lid Mounting type Nominal cross-section, max. Nominal voltage Sequare Flore Square Flore Clear internal dimensions Max. Conductor cross-section Max. Conductor cross-section Max. Conductor cross-section Max. Conductor cross-section Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Sealable Impact-resistant Ves Ves Impact-resistant Ves Infor	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         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	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 Test of the section of the	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 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 cross-section, min.  Nominal voltage  750 V  Sealable  yes  Impact-resistant  yes  Protection rating  1.5 mm²  0.8 mm²  750 V  Sealable  yes  Impact-resistant  yes  IP67	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 <sup>2</sup>
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  yes  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 mm²
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



**Item number: 2005030** 

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