### **Technical data sheet**

### Junction box X 04 with terminal strip

**Item number: 2005198** 





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, 5-pole.

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 scope of delivery contains a 5-pole terminal strip.























Polycarbonate

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Item number	2005198
Type	X04 T LGR
Description 1	Junction box
Description 2	with terminal strip
Manufacturer	OBO
Dimension	114x114x78
Colour	Light grey; RAL 7035
Material	Polycarbonate
Smallest sales unit	1
Unit of quantity	Piece
Weight	31.6 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to- Gate	1,2056 kg CO2e / 1 Piece

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## Junction box X 04 with terminal strip





# Dimensions 82 411

Length	114 mm
Width	114 mm
Height	78 mm

### Technical data

114

Expandable No. of entries 7 Type of entry Cuttable stepped membrane Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Cover fastening Entry from rear Entries 7 x Ø20/25 Explosion-tested version Flame-resistant Square Fibre-glass reinforced Halogen-free Uear internal dimensions Max. Conductor cross-section With screening with lid yes Mounting type Nominal cross-section, max. Nominal voltage Fibre-gesistant Nominal voltage Yes Protection rating Protection rating Protection rating IKO9  Protection rating IKCode  Cuttable stepped membrane  7 Cuttable stepped membrane  Cuttable stepped membrane  7 Cuttable stepped membrane  Cuttable stepped membrane  7 Cuttable stepped membrane  7 Cuttable stepped membrane  7 Cuttable stepped membrane  7 50 V  Sealable IKO9			
Type of entry Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Cover Screwed Entry from rear Entries 7 x Ø20/25 Explosion-tested version Flame-resistant Square Fibre-glass reinforced Halogen-free Clear internal dimensions Max. Conductor cross-section With lid Wyes Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Flore, of the first of the f	Expandable	yes	
Type of housing penetration  Measured insulation voltage Vi Equipment Cover Cover (Not transparent) Screwed Entry from rear (Not periodic version) Flame-resistant (Not period	No. of entries	7	
Measured insulation voltage Vi         750 V           Equipment         Terminal           Cover         Not transparent           Cover fastening         Screwed           Entry from rear         no           Entries         7 x Ø20/25           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         102x102x60 mm           Max. Conductor cross-section         4 mm²           With screening         no           with lid         yes           Mounting type         Wall/ceiling mounting           Nominal cross-section, max.         4 mm²           Nominal voltage         750 V           Sealable         yes           Impact-resistant         yes           Protection rating         IP67	Type of entry	Cuttable stepped membrane	
Equipment Teminal Cover Not transparent Cover fastening Screwed Entry from rear no Entries 7 x Ø20/25 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 102x102x60 mm Max. Conductor cross-section 4 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 4 mm² Nominal cross-section, min. 1.5 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 Ø20/25 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 102x102x60 mm Max. Conductor cross-section 4 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 4 mm² Nominal cross-section, min. 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 Ø20/25  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  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  7 x Ø20/25  Explosion-tested  acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C  Square  Fibre-glass reinforced  yes  102x102x60 mm  4 mm²  With screening  no  with lid  yes  Mounting type  Wall/ceiling mounting  Nominal cross-section, min.  1.5 mm²  Nominal voltage  750 V  Sealable  Impact-resistant  yes  Impact-resistant  IP67	Equipment	Terminal	
Entry from rear no Entries 7 x Ø20/25  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 102x102x60 mm Max. Conductor cross-section 4 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 4 mm² Nominal cross-section, min. 1.5 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Cover	Not transparent	
Entries 7 x Ø20/25  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 102x102x60 mm  Max. Conductor cross-section 4 mm²  With screening no  with lid yes  Mounting type Wall/ceiling mounting  Nominal cross-section, max. 4 mm²  Nominal cross-section, min. 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 102x102x60 mm Max. Conductor cross-section 4 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 4 mm² Nominal cross-section, min. 1.5 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 102x102x60 mm Max. Conductor cross-section 4 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 4 mm² Nominal cross-section, min. 1.5 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Entries	7 x Ø20/25	
Shape Square  Fibre-glass reinforced yes  Halogen-free yes  Clear internal dimensions 102x102x60 mm  Max. Conductor cross-section 4 mm²  With screening no  with lid yes  Mounting type Wall/ceiling mounting  Nominal cross-section, max. 4 mm²  Nominal cross-section, min. 1.5 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 102x102x60 mm  Max. Conductor cross-section 4 mm²  With screening no  with lid yes  Mounting type Wall/ceiling mounting  Nominal cross-section, max. 4 mm²  Nominal cross-section, min. 1.5 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 102x102x60 mm  Max. Conductor cross-section 4 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 4 mm² Nominal cross-section, min. 1.5 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  with lid  yes  Mounting type  Wall/ceiling mounting  Nominal cross-section, max.  Nominal cross-section, min.  1.5 mm²  Nominal voltage  750 V  Sealable  yes  Impact-resistant  yes  Protection rating  102x102x60 mm  4 mm²  Wall/ceiling mounting  1.5 mm²  1.750 V  1.750 V	Fibre-glass reinforced	yes	
Max. Conductor cross-section With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. Nominal cross-section, min. 1.5 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Halogen-free	yes	
With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 4 mm² Nominal cross-section, min. 1.5 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Clear internal dimensions	102x102x60 mm	
with lid yes  Mounting type Wall/ceiling mounting  Nominal cross-section, max. 4 mm²  Nominal cross-section, min. 1.5 mm²  Nominal voltage 750 V  Sealable yes  Impact-resistant yes  Protection rating IP67	Max. Conductor cross-section	4 mm²	
Mounting type Wall/ceiling mounting  Nominal cross-section, max. 4 mm²  Nominal cross-section, min. 1.5 mm²  Nominal voltage 750 V  Sealable yes  Impact-resistant yes  Protection rating IP67	With screening	no	
Nominal cross-section, max. 4 mm²  Nominal cross-section, min. 1.5 mm²  Nominal voltage 750 V  Sealable yes  Impact-resistant yes  Protection rating IP67	with lid	yes	
Nominal cross-section, min.  1.5 mm²  Nominal voltage  750 V  Sealable  yes  Impact-resistant  Protection rating  1.5 mm²  1.5 mm²  1.5 mm²  1.5 mm²  1.6 m²  1.7 m²	Mounting type	Wall/ceiling mounting	
Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67	Nominal cross-section, max.	4 mm²	
Sealable yes Impact-resistant yes Protection rating IP67	Nominal cross-section, min.	1.5 mm <sup>2</sup>	
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





**Item number: 2005198** 

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