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

Master data	
Item number	2005198
Description 1	Junction box
Description 2	with terminal strip
Manufacturer	ОВО
Dimension	114x114x78
Colour	Light grey; RAL 7035
Material	Polycarbonate
Smallest sales un	it 1
Unit of quantity	Piece
Weight	31.6 kg
Weight unit	kg/100 pc.
CO Footprint (GW Gate	/P) Cradle-to- 1,2145 kg COe / 1 Piece

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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 Protection rating IKOOP Protection rating IKOOP Cuttable stepped membrane 7 Cuttable stepped membrane Cuttable stepped membrane Toutable stepped membrane Cuttable stepped membrane Toutable stepped membrane Cuttable stepped membrane Toutable Pre-marking Pre-markine Pre-markine Pre-markine Pre-markine Pre-markine Pre-markine Pre-markine Pre-marki		
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 Insulation voltage Internal dimensions Max. Conductor cross-section Mounting type Mounting type Mounting type Vall/ceiling mounting Nominal cross-section, min. 1.5 mm² Nominal voltage Yes Impact-resistant Yes Protection rating Ip67	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	Teminal
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 1.750 V 1.750	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 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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Technical data		
	Permitted temperature range, max.	60 °C
	Permitted temperature range, min.	-5 °C
	Weatherproof	yes