Technical data sheet

Junction box X 04 with cable glands and plug-in terminals



Item number: 2005248



Junction box with terminal for the connection of cables in indoor and 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.

With 3 universal screwless terminals (5-pole), 3 cable glands V-TEC M20 and 3 $\,$

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.

Three universal clamps (with 5 clamping points), three V-TEC M25 cable glands and three matching locknuts are included.























Polycarbonate

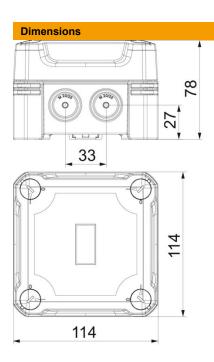
Master data		
	Item number	2005248
	Туре	X04 UT G LGR
	Description 1	Junction box
	Description 2	5x61x525 FL, 3xV-TEC VM, 3x116
	Manufacturer	OBO
	Dimension	114x114x78
	Colour	Light grey; RAL 7035
	Material	Polycarbonate
	Smallest sales unit	1
	Unit of quantity	Piece
	Weight	33.5 kg
	Weight unit	kg/100 pc.
	CO2 Footprint (GWP) Cradle-to- Gate	1,3155 kg COe / 1 Piece

Technical data sheet

Junction box X 04 with cable glands and plug-in terminals



Item number: 2005248



Length	114 mm
Width	114 mm
Height	78 mm

Technical data

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 acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Fibre-glass reinforced Halogen-free Clear internal dimensions Max. Conductor cross-section With screening With screening Nominal cross-section, min. Nominal voltage Sealable Impact-resistant Cuttable stepped membrane 7 Cuttable stepped membrane Cuttable stepped membrane 7 Towninal 750 V Wall/ceiling mounting 750 V Yes Impact-resistant Pre-marking 750 V Cuttable stepped membrane 750 V Selable Impact-resistant			
Type of entry Type of housing penetration Measured insulation voltage Vi Equipment Cover Cover (Not transparent) Cover fastening Entry from rear (Not transparent) Explosion-tested version (Note to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape (Nace to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free (Nace to VDE 0471/DIN 695 Part 2-1) Fibre-glass reinforced (Nace to VDE 0471/DIN 695 Part 2-1) Halogen-free	•	,	
Type of housing penetration Measured insulation voltage Vi Equipment Cover Cover Screwed Entry from rear Entries Type of vertical part of the provided of the	No. of entries	7	
Measured insulation voltage Vi Equipment Cover Cover fastening Entry from rear Entries Fibre-glass reinforced Halogen-free Clear internal dimensions Max. Conductor cross-section With lid Woman Section, max. Nominal cross-section, min. Nominal voltage Screwed Screwed Screwed Fibre-glass reinforced yes Clear internal dimensions Max. Conductor cross-section Wall/ceiling mounting Nominal cross-section, min. Nominal voltage Sealable Impact-resistant Terminal Terminal Not transparent Terminal Not transparent Screwed A W20/25 Explosion-tested version no vide (50°C) Square Square Square Fibre-glass reinforced yes Square Yes Square Yes Ves Ves Ves Wall/ceiling mounting Nominal cross-section, min. Nominal voltage Sealable Impact-resistant Yes	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	Type of housing penetration	Pre-marking Pre-marking	
Cover Screwed 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 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, min. Nominal voltage 750 V Sealable Impact-resistant Not With rear Screwed Not transparent Screwed Not transparent Screwed Not transparent Not transpar	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 Ves Clear internal dimensions Max. Conductor cross-section With screening with lid Ves Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Screwed 17 x Ø20/25 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10	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	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	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	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	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	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	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	Shape	Square	
Clear internal dimensions Max. Conductor cross-section With screening with lid Mounting type Nominal cross-section, max. Nominal voltage Sealable Impact-resistant 102x102x60 mm 4 mm² Wall/ceiling mounting Nominal cross-section, max. 4 mm² 1.5 mm² 750 V Sealable yes Impact-resistant yes	Fibre-glass reinforced	yes	
Max. Conductor cross-section With screening with lid yes Mounting type Nominal cross-section, max. Nominal voltage Sealable Impact-resistant With screening Now yes Wall/ceiling mounting 4 mm² 1.5 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. 4 mm² Nominal cross-section, min. 1.5 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes	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	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	With screening	no	
Nominal cross-section, max. Nominal cross-section, min. Nominal voltage 750 V Sealable lmpact-resistant 4 mm² 1.5 mm² 750 V yes yes	with lid	yes	
Nominal cross-section, min. 1.5 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes	Mounting type	Wall/ceiling mounting	
Nominal voltage 750 V Sealable yes Impact-resistant yes	Nominal cross-section, max.	4 mm²	
Sealable yes Impact-resistant yes	Nominal cross-section, min.	1.5 mm ²	
Impact-resistant yes	Nominal voltage	750 V	
· ·	Sealable	yes	
D 1 " " ID07	Impact-resistant	yes	
Protection rating IP6/	Protection rating	IP67	
Protection rating IK code IK09	Protection rating IK code	IK09	

Technical data sheet

Junction box X 04 with cable glands and plug-in terminals



Item number: 2005248

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