Technical data sheet

Junction box X 16 with main terminal block

Item number: 2005312





Junction box for the connection of cables and lines indoors and in outdoor areas. Rectangular 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 5-pole main terminal block with 2 x 25 mm² + 2 x 16 mm² cable connection cross-sections per 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

In addition, a 5-pin main conductor branch terminal with 2 x 25 mm² + 2 x 16 mm² conductor connection cross-sections per pin is included.



























Polycarbonate

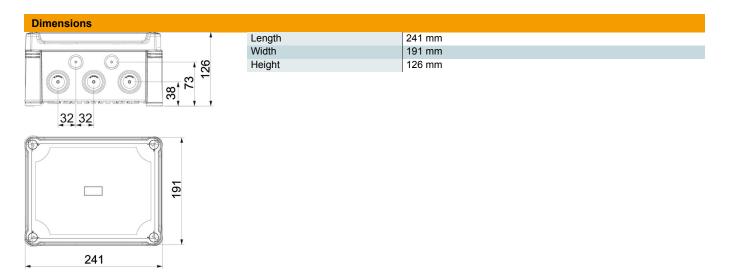
Item number	2005312
Туре	X16 H25 GNP5 LGR
Description 1	Junction box
Description 2	Main line branch terminal
Manufacturer	OBO
Dimension	240x191x125
Colour	Light grey; RAL 7035
Material	Polycarbonate
Smallest sales unit	1
Unit of quantity	Piece
Weight	111 kg
Weight unit	kg/100 pc.
	Type Description 1 Description 2 Manufacturer Dimension Colour Material Smallest sales unit Unit of quantity Weight

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No. of entries Type of entry Cuttable stepped membrane Pre-marking 750 V Equipment Cover Not transparent Cover fastening Entry from rear Entries 10 x Ø25/32/40 Explosion-tested version Flame-resistant Fibre-glass reinforced Halogen-free Clear internal dimensions Max. Conductor cross-section With lid yes Mounting type Nominal cross-section, max. Nominal voltage Nominal cross-section, min. Nominal voltage Rectange Impact-resistant Nominal K code Permitted temperature range, min. Nome of housing penetration Cuttable stepped membrane Pre-marking Pre-marki	Expandable	yes
Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Screwed Entry from rear Entry from rear Entry is a conductor cross-section Without Nominal cross-section, min. Nominal voltage Type of housing penetration Pre-marking Pre-mar	No. of entries	10
Measured insulation voltage Vi Equipment Cover Not transparent Cover fastening Entry from rear Entries 10 x Ø25/32/40 Explosion-tested version Flame-resistant Acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Rectangular 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 Sealable Impact-resistant Ves Protection rating Permitted temperature range, min. Not transparent Without Not transparent Vot Equipment Vot Wes Ves	Type of entry	Cuttable stepped membrane
Equipment Without Cover Not transparent Cover fastening Screwed Entry from rear no Entries 10 x Ø25/32/40 Explosion-tested version no Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Rectangular Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 227x177x110 mm Max. Conductor cross-section 25 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, min. 6 mm² Nominal cross-section, min. 6 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IK code Permitted temperature range, min. Permitted temperature range, min. Permitted temperature range, min. Not transparent Not	Type of housing penetration	Pre-marking
Cover Satening Screwed Entry from rear no Entries 10 x Ø25/32/40 Explosion-tested version no Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Rectangular Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 227x177x110 mm Max. Conductor cross-section with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, min. Nominal cross-section, min. Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IK code Permitted temperature range, min. Permitted temperature range, min. Not transparent Screwed no Not transparent Screwed No 40 x Ø25/32/40 Explosion-10 x Ø25/32/	Measured insulation voltage Vi	750 V
Cover fastening Entry from rear Entries 10 x Ø25/32/40 Explosion-tested version Flame-resistant Acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Rectangular 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 Sealable Impact-resistant Protection rating Protection rating Protection rating IK code Permitted temperature range, max. Permitted temperature range, min.	Equipment	Without
Entry from rear Entries 10 x Ø25/32/40 Explosion-tested version no Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Rectangular Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 227x177x110 mm Max. Conductor cross-section 25 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 16 mm² Nominal cross-section, min. 6 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IK code Permitted temperature range, max. Permitted temperature range, min. Protection reting IK code IK09 Permitted temperature range, min. Protection reting IC code IK09 Permitted temperature range, min. Protection reting IC code IK09 Permitted temperature range, min.	Cover	Not transparent
Entries 10 x Ø25/32/40 Explosion-tested version no Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Rectangular Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 227x177x110 mm Max. Conductor cross-section 25 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 16 mm² Nominal cross-section, min. 6 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IK code Permitted temperature range, max. Permitted temperature range, min. Protection rating H code Permitted temperature range, min. -5 °C	Cover fastening	Screwed
Explosion-tested version Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Rectangular Fibre-glass reinforced Halogen-free yes Clear internal dimensions 227x177x110 mm Max. Conductor cross-section With screening with lid yes Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Sealable Impact-resistant Protection rating Protection rating IK code Permitted temperature range, min. Premitted temperature range, min. No VDE 0471/DIN 695 Part 2-1, test temperature 650°C Rectangular Acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Rectangular Acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Rectangular Acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Sealable Halogen-free yes Wall/ceiling mounting 16 mm² Nominal voltage 750 V Sealable Impact-resistant Yes Impact-resistant Protection rating IP67 Protection rating IK code Permitted temperature range, min. 60 °C -5 °C	Entry from rear	no
Flame-resistant acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Rectangular Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 227x177x110 mm Max. Conductor cross-section 25 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 16 mm² Nominal cross-section, min. 6 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IK code Permitted temperature range, max. Permitted temperature range, min. Protection rating Look Code Permitted temperature range, min. -5 °C	Entries	10 x Ø25/32/40
Shape Rectangular Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 227x177x110 mm Max. Conductor cross-section 25 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 16 mm² Nominal cross-section, min. 6 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IK code Permitted temperature range, max. Permitted temperature range, min. Permitted temperature range, min. Protection rating - 5°C	Explosion-tested version	no
Fibre-glass reinforced yes Halogen-free yes Clear internal dimensions 227x177x110 mm Max. Conductor cross-section 25 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 16 mm² Nominal cross-section, min. 6 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IK code Permitted temperature range, max. Permitted temperature range, min. Protection rating temperature range, min. Protection rating temperature range, min. -5 °C	Flame-resistant	acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C
Halogen-free yes Clear internal dimensions 227x177x110 mm Max. Conductor cross-section 25 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 16 mm² Nominal cross-section, min. 6 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IF code Permitted temperature range, max. Permitted temperature range, min. Protection rating For Company Com	Shape	Rectangular
Clear internal dimensions Max. Conductor cross-section With screening with lid wes Mounting type Nominal cross-section, max. Nominal voltage Sealable Impact-resistant Protection rating Permitted temperature range, min. Permitted temperature range, min. Max. 227x177x110 mm 25 mm² Wall/ceiling mounting Nomling Nominal voltage 750 V Sealable yes Impact-resistant yes IP67 Protection rating IK09 Permitted temperature range, max. Permitted temperature range, min. 227x177x110 mm 25 mm² Wall/ceiling mounting Fem² Nominal 16 mm² 750 V Sealable IR09 Permitted temperature range, min. -5 °C	Fibre-glass reinforced	yes
Max. Conductor cross-section With screening with lid yes Mounting type Nominal cross-section, max. Nominal cross-section, min. 6 mm² Nominal voltage 750 V Sealable Impact-resistant Protection rating Protection rating IK code Permitted temperature range, max. Permitted temperature range, min. 25 mm² Wall/ceiling mounting 16 mm² 750 V Sealable yes Impact-resistant IP67 Protection rating IK code Permitted temperature range, max. -5 °C	Halogen-free	1,
With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 16 mm² Nominal cross-section, min. 6 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67 Protection rating IK code IK09 Permitted temperature range, max. Permitted temperature range, min. Nominal voltage 750 V Sealable yes Impact-resistant yes IP67 Protection rating IC code IK09 Permitted temperature range, max. -5 °C	Clear internal dimensions	227x177x110 mm
with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 16 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67 Protection rating IK code IK09 Permitted temperature range, max. Permitted temperature range, min. yes 60 °C -5 °C	Max. Conductor cross-section	25 mm²
Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Too V Sealable Impact-resistant Protection rating Permitted temperature range, min. Permitted temperature range, min. Wall/ceiling mounting 16 mm² 750 V Sealable yes Impact-resistant IP67 Protection rating IK code Permitted temperature range, max. Permitted temperature range, min. Solution in the mounting in the minimal properties of the minimal proper	With screening	no
Nominal cross-section, max. Nominal cross-section, min. Nominal voltage 750 V Sealable Impact-resistant Protection rating Permitted temperature range, min. Permitted temperature range, min. 16 mm² 750 V Sealable yes Impact-resistant yes IP67 Protection rating IK code IK09 Permitted temperature range, and compact of the compact of t	with lid	yes
Nominal cross-section, min. Nominal voltage 750 V Sealable Impact-resistant Protection rating Protection rating IK code Permitted temperature range, max. Permitted temperature range, min. 6 mm² 750 V Sealable yes Impact-resistant IP67 IK09 Permitted temperature range, and compact of the co	Mounting type	Wall/ceiling mounting
Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67 Protection rating IK code IK09 Permitted temperature range, max. Permitted temperature range, min. 750 V 9es 1max. 750 V 9es 1max. 60 °C 1max. 750 C	Nominal cross-section, max.	16 mm²
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Impact-resistant yes Protection rating IP67 Protection rating IK code IK09 Permitted temperature range, max. Permitted temperature range, min. -5 °C	Nominal voltage	750 V
Protection rating IP67 Protection rating IK code IK09 Permitted temperature range, max. Permitted temperature range, min. IP67 IK09 For C	Sealable	yes
Protection rating IK code Permitted temperature range, max. Permitted temperature range, min. IK09 60 °C -5 °C	Impact-resistant	yes
Permitted temperature range, max. Permitted temperature range, min. 60 °C -5 °C	Protection rating	IP67
max. Permitted temperature range, min. -5 °C	Protection rating IK code	IK09
min.		60 °C
Weathermoof		-5 °C
vveatnerproof yes	Weatherproof	yes

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