## **Technical data sheet**

### Junction box X 25 with main terminal block

**Item number: 2005318** 





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 multipole main terminal block. Junction box according to EN 60670. Flame-resistant to EN 60695/2/11, test temperature 650 °C. Impact resistance IK09 according to EN 50102. Protection rating IP67 according to EN 60529.

























Polycarbonate

#### Master data

Item number	2005318
Туре	X25 H25 GNP7 LGR
Description 1	Junction box
Description 2	Main line branch terminal
Manufacturer	OBO
Dimension	286x202x125
Colour	Light grey; RAL 7035
Material	Polycarbonate
Smallest sales unit	1
Unit of quantity	Piece
Weight	140 kg
Weight unit	kg/100 pc.

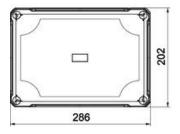
# **Technical data sheet**

## Junction box X 25 with main terminal block



**Item number: 2005318** 

# Dimensions Length Width 202 mm Height 126 mm



32 32

#### Technical data

Expandable yes No. of entries 10 Type of entry Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Cover fastening Entry from rear Entries 10 x Ø25/40/50 Explosion-tested version Flame-resistant Fibre-glass reinforced Halogen-free Clear internal dimensions Wax. Conductor cross-section With id Wyes Mounting type Nominal cross-section, max. Nominal voltage Seresides Ves Protection rating IK code Permitted temperature range, max. Pressite Vision Cuttable stepped membrane Pre-marking Toutable Toutable Toutable Toutable Toutable Toutable Toutabl	E	
Type of entry Type of housing penetration Measured insulation voltage Vi Equipment Cover Not transparent Cover fastening Entry from rear Entries 10 x Ø25/40/50 Explosion-tested version Fibre-glass reinforced Halogen-free Clear internal dimensions Max. Conductor cross-section With screening With lid Wyes Mounting type Nominal cross-section, min. Nominal voltage Protection rating Pre-marking Pre-marki	Expandable	yes
Type of housing penetration  Measured insulation voltage Vi Equipment Cover Not transparent Cover fastening Screwed Entry from rear Entries 10 x Ø25/40/50 Explosion-tested version Flame-resistant Screwed Entry from rear Entries 20 c. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Shape Rectangular 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 cross-section, min. Nominal voltage Type Ves Protection rating Pre-marking 750 V Without Not transparent Not transparent Nov Ø25/40/50 no acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Rectangular yes Yes Wall/Reiling mounting Nominal cross-section Nominal cross-section Nominal cross-section Nominal cross-section, min. Nominal		
Measured insulation voltage Vi Equipment Cover Not transparent Screwed Entry from rear Entries Explosion-tested version Flame-resistant Fibre-glass reinforced Halogen-free Clear internal dimensions Max. Conductor cross-section With Iid Woss Mounting type Nominal cross-section, min. Nominal cross-section, min. Nominal voltage Sealable Impact-resistant Nemitted temperature range, min.  Not transparent Without Not transparent Screwed Not transparent Screwed Not transparent Not Vestewd Nov De 0471/DIN 695 Part 2-1, test temperature 650°C Shape Rectangular Screwed Screwed Rectangular Screwed Screwed Rectangular Screwed Screwed Rectangular Screwed Screwed Rectangular Screwed	, , , , , , , , , , , , , , , , , , ,	
Equipment Cover Cover fastening Screwed Entry from rear Entries 10 x Ø25/40/50 Explosion-tested version Flame-resistant Fibre-glass reinforced Halogen-free Clear internal dimensions Max. Conductor cross-section With screening With lid Wes Mounting type Nominal cross-section, min. Nominal voltage Nominal voltage Frotection rating Frote Redangular Fibre-glass reinforced Yes Clear internal dimensions Max. Conductor cross-section With screening Nominal cross-section, max. Nominal cross-section, min. Nominal voltage T50 V Sealable Impact-resistant Fibre-glass reinforced Yes Ves Ves Ves Ves Ves Ves Ves Ves Ves V	· · · · · · · · · · · · · · · · · · ·	3
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Cover fastening Entry from rear Entries 10 x Ø25/40/50 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 Clear internal dimensions 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 Permitted temperature range, max. Permitted temperature range, min.  So VDE 0471/DIN 695 Part 2-1, test temperature 650°C Rectangular yes Part 2-1, test temperature 650°C Sean acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C Rectangular yes Part 2-1, test temperature 650°C Sean acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C S	Equipment	Without
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Entries	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 Ves Clear internal dimensions Max. Conductor cross-section With screening with lid Wounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Sealable Impact-resistant Protection rating Protection rating Permitted temperature range, min.  Permitted temperature range, min.  Protection rating Protection rating Permitted temperature range, min.  No VDE 0471/DIN 695 Part 2-1, test temperature 650°C Rectangular  Rectangular  Rectangular  Rectangular  Pes yes  Wall/celling mounting  Nominal  10 mm² Nominal voltage  750 V  Sealable IP67  Protection rating Protection rating Permitted temperature range, min.  Permitted temperature range, min.  -5 °C	Entry from rear	no
Flame-resistant Shape Rectangular Fibre-glass reinforced Halogen-free Clear internal dimensions Max. Conductor cross-section With screening with lid Mounting type Nominal cross-section, max. Nominal voltage Sealable Impact-resistant Protection rating Protection rating Permitted temperature range, min.  Page Age Age Age Age Age Age Age Age Age A	Entries	10 x Ø25/40/50
Shape Rectangular  Fibre-glass reinforced yes  Halogen-free yes  Clear internal dimensions 271x187x110 mm  Max. Conductor cross-section 25 mm²  With screening no with lid yes  Mounting type Wall/ceiling mounting  Nominal cross-section, max. 25 mm²  Nominal cross-section, min. 10 mm²  Nominal voltage 750 V  Sealable yes  Impact-resistant yes  Protection rating IK code  Permitted temperature range, max.  Permitted temperature range, min.  Protection rating Force Company of Company	Explosion-tested version	no
Fibre-glass reinforced yes  Halogen-free yes  Clear internal dimensions 271x187x110 mm  Max. Conductor cross-section 25 mm²  With screening no with lid yes  Mounting type Wall/ceiling mounting  Nominal cross-section, max. 25 mm²  Nominal cross-section, min. 10 mm²  Nominal voltage 750 V  Sealable yes  Impact-resistant yes  Protection rating IK code  Permitted temperature range, max.  Permitted temperature range, min.  Protection rating the code of the code o	Flame-resistant	acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C
Halogen-free yes Clear internal dimensions 271x187x110 mm  Max. Conductor cross-section 25 mm² With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. 25 mm² Nominal cross-section, min. 10 mm² Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IK code Permitted temperature range, max.  Permitted temperature range, min.  Protection rating From the following permitted temperature range, min.  Protection rating -5 °C	Shape	Rectangular
Clear internal dimensions  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  Permitted temperature range, min.  Permitted temperature range, min.  271x187x110 mm  271x	Fibre-glass reinforced	yes
Max. Conductor cross-section With screening with lid Wounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Sealable Impact-resistant Protection rating Protection rating IK code Permitted temperature range, min.  Permitted temperature range, min.  25 mm² Wall/ceiling mounting Noming Ves Vall/ceiling mounting Ves	Halogen-free	yes
With screening no with lid yes Mounting type Wall/ceiling mounting Nominal cross-section, max. Nominal cross-section, min. Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67 Protection rating IK code Permitted temperature range, max. Permitted temperature range, min.  Nominal voltage 750 V Sealable yes Impact-resistant yes Protection rating IP67 Protection rating IK code Permitted temperature range, max.  Permitted temperature range, min.	Clear internal dimensions	271x187x110 mm
with lid yes  Mounting type Wall/ceiling mounting  Nominal cross-section, max. 25 mm²  Nominal cross-section, min. 10 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.  -5 °C	Max. Conductor cross-section	25 mm²
Mounting type  Nominal cross-section, max.  Nominal cross-section, min.  Nominal voltage  Sealable  Impact-resistant  Protection rating  Permitted temperature range, min.  Permitted temperature range, min.  Wall/ceiling mounting  10 mm²  750 V  Sealable  yes  Impact-resistant  IP67  Protection rating  Permitted temperature range, max.  Permitted temperature range, min.  -5 °C	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.  25 mm²  750 V  Sealable  yes  IP67  Protection rating  IP67  Protection rating IK code  IK09  Permitted temperature range, max.  Permitted temperature range, min.  -5 °C	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.  10 mm² 750 V  yes IP67 IP67 Protection rating IK code IK09 Permitted temperature range, and compare the compared temperature range, min.	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, min5 °C	Nominal cross-section, max.	25 mm²
Sealable yes Impact-resistant yes Protection rating IP67 Protection rating IK code IK09 Permitted temperature range, max. Permitted temperature range, min.  -5 °C	Nominal cross-section, min.	10 mm²
Impact-resistant yes Protection rating IP67 Protection rating IK code IK09 Permitted temperature range, max. Permitted temperature range, min.  yes IP67 IK09  60 °C  -5 °C	Nominal voltage	750 V
Protection rating IP67 Protection rating IK code IK09 Permitted temperature range, max. Permitted temperature range, min.  IP67  IK09  60 °C  -5 °C	Sealable	yes
Protection rating IK code IK09  Permitted temperature range, max.  Permitted temperature range, min.  -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.		00 °C
Weatherproof yes		-5 °C
	Weatherproof	yes