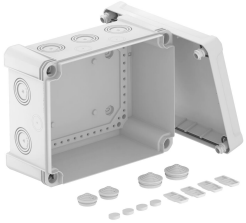
# Technical data sheet

## Junction box X 16

## Item number: 2005020



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. 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.

11 ÖVE 650° UV RESISTANT HALOGEN FREE CE UK CA IP 67 IK 09 M25 M32 M40 16 mm² 10

PC Polycarbonate

### Master data

| | |
|---|---|
| Item number | 2005020 |
| Type | X16 LGR |
| Description 1 | Junction box |
| Manufacturer | OBO |
| Dimension | 241x191x126 |
| Colour | Light grey; RAL 7035 |
| Material | Polycarbonate |
| Smallest sales unit | 1 |
| Unit of quantity | Piece |
| Weight | 79.3 kg |
| Weight unit | kg/100 pc. |
| CO2 Footprint (GWP) Cradle-to-Gate | 3,0062 kg CO2e / 1 Piece |

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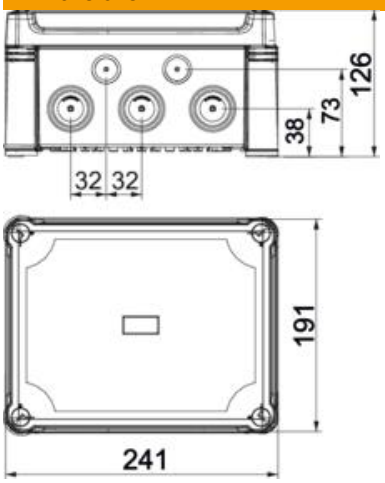
### Dimensions




| | |
|---|---|
| Length | 241 mm |
| Width | 191 mm |
| Height | 126 mm |

### Technical data

| | |
|---|---|
| Expandable | yes |
| No. of entries | 10 |
| Type of entry | Cuttable stepped membrane |
| Type of housing penetration | Pre-marking |
| Measured insulation voltage Vi | 750 V |
| 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 | 16 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 |
| ROHS-conformant | yes |
| Impact-resistant | yes |
| Protection rating | IP67 |
| Protection rating IK code | IK09 |
| Permitted temperature range, max. | 65 °C |
| Permitted temperature range, min. | -25 °C |

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| | |
|---|---|
| Transparent lid | no |
| Weatherproof | yes |