

# 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 mm<sup>2</sup> + 2 x 16 mm<sup>2</sup> 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 60529.

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



PC Polycarbonate

### Master data

|                                    |                           |
|------------------------------------|---------------------------|
| Item number                        | 2005312                   |
| Type                               | 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.                |
| CO2 Footprint (GWP) Cradle-to-Gate | 3,2945 kg CO2e / 1 Piece  |

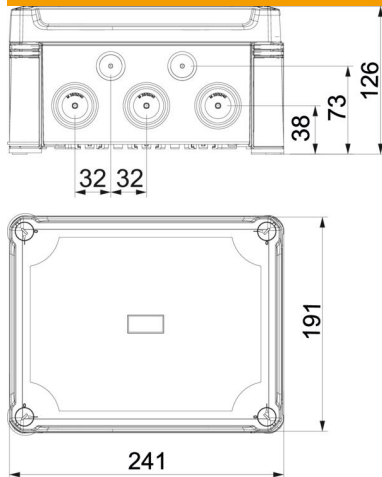
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### Dimensions



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

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|                                   |                                                           |
|-----------------------------------|-----------------------------------------------------------|
| Expandable                        | yes                                                       |
| No. of entries                    | 10                                                        |
| Type of entry                     | Cuttable stepped membrane                                 |
| Type of housing penetration       | Pre-marking                                               |
| Measured insulation voltage $V_i$ | 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      | 25 mm <sup>2</sup>                                        |
| With screening                    | no                                                        |
| with lid                          | yes                                                       |
| Mounting type                     | Wall/ceiling mounting                                     |
| Nominal cross-section, max.       | 16 mm <sup>2</sup>                                        |
| Nominal cross-section, min.       | 6 mm <sup>2</sup>                                         |
| Nominal voltage                   | 750 V                                                     |
| Sealable                          | yes                                                       |
| Impact-resistant                  | yes                                                       |
| Protection rating                 | IP67                                                      |
| Protection rating IK code         | IK09                                                      |
| Permitted temperature range, max. | 65 °C                                                     |
| Permitted temperature range, min. | -25 °C                                                    |
| Transparent lid                   | no                                                        |

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|              |     |
|--------------|-----|
| Weatherproof | yes |
|--------------|-----|