

# Technical data sheet

## Junction box T160, plug-in seal, elevated cover

Item number: 2007714



Junction box for the connection of cables and lines indoors and in protected outdoor areas. Rectangular design with plug-in seals to the sides and knock-out entries in the bottom. Suitable for wall and ceiling mounting and on mounting panels. With the option to fasten inside and to mount via the corner domes. High, transparent cover with quick lock, sealable. Made from halogen-free and UV-resistant materials.

With hat profile rail.

Junction box according to DIN EN 60670. Flame-resistant to DIN EN 60695/2/11, test temperature 650 °C. Impact resistance IK05 according to DIN EN 50102. Clear internal dimensions: 176x135x84 mm



**PP/PC** Polypropylene / polycarbonate

### Master data

|                                    |                               |
|------------------------------------|-------------------------------|
| Item number                        | 2007714                       |
| Type                               | T 160 HD LGR                  |
| Description 1                      | Junction box                  |
| Description 2                      | with raised cover             |
| Manufacturer                       | OBO                           |
| Dimension                          | 190x150x94                    |
| Colour                             | Light grey; RAL 7035          |
| Material                           | Polypropylene / polycarbonate |
| Smallest sales unit                | 1                             |
| Unit of quantity                   | Piece                         |
| Weight                             | 34.18 kg                      |
| Weight unit                        | kg/100 pc.                    |
| CO2 Footprint (GWP) Cradle-to-Gate | 1,6517 kg CO2e / 1 Piece      |

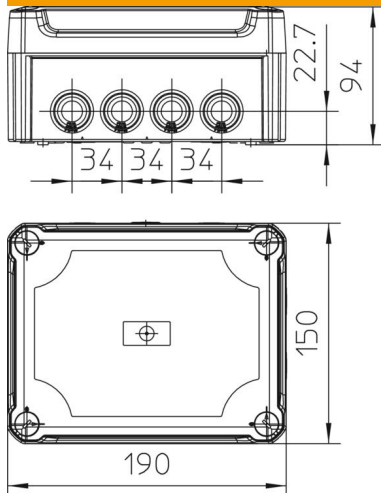
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### Dimensions



|        |        |
|--------|--------|
| Length | 190 mm |
| Width  | 150 mm |
| Height | 94 mm  |

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|                                   |                                                           |
|-----------------------------------|-----------------------------------------------------------|
| Expandable                        | yes                                                       |
| No. of entries                    | 12                                                        |
| Type of entry                     | Plug-in seal                                              |
| Type of entry                     | Cable                                                     |
| Type of housing penetration       | Miscellaneous                                             |
| Measured insulation voltage $V_i$ | 500 V                                                     |
| Equipment                         | Support rail                                              |
| Cover                             | Not transparent                                           |
| Cover fastening                   | Screwed                                                   |
| Entry from rear                   | yes                                                       |
| Entries                           | 7xM25<br>5xM32                                            |
| Explosion-tested version          | no                                                        |
| Flame-resistant                   | acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C |
| Shape                             | Rectangular                                               |
| Maintain electrical functions     | Without                                                   |
| For Ex zone                       | Without                                                   |
| For Ex zone gas                   | Without                                                   |
| For Ex zone dust                  | Without                                                   |
| Fibre-glass reinforced            | yes                                                       |
| Halogen-free                      | yes                                                       |
| Clear internal dimensions         | 176x135x84 mm                                             |
| With screening                    | no                                                        |
| with lid                          | yes                                                       |
| Mounting type                     | Wall/ceiling mounting                                     |
| Nominal voltage                   | 500 V                                                     |
| Sealable                          | yes                                                       |
| ROHS-conformant                   | yes                                                       |
| Protection rating                 | IP66                                                      |
| Protection rating IK code         | IK05.                                                     |

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|                                   |        |
|-----------------------------------|--------|
| Permitted temperature range, max. | 65 °C  |
| Permitted temperature range, min. | -25 °C |
| Transparent lid                   | no     |
| Weatherproof                      | no     |