

# Technical data sheet

## Junction box T 40, plug-in seal, OBO EcoLine

Item number: 2007047



Junction box for the connection of cables indoors and in protected outdoor areas. Square 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. With fixed clamping cover. 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 IK07 according to DIN EN 50102.



### Master data

|                                    |                          |
|------------------------------------|--------------------------|
| Item number                        | 2007047                  |
| Type                               | T 40 ECO                 |
| Description 1                      | Junction box             |
| Description 2                      | with entries             |
| Available from                     | 08.03.2026               |
| Manufacturer                       | OBO                      |
| Dimension                          | 90x90x52                 |
| Colour                             | Light grey; RAL 7035     |
| Material                           | Polypropylene Eco        |
| Smallest sales unit                | 5                        |
| Unit of quantity                   | Piece                    |
| Weight                             | 5.52 kg                  |
| Weight unit                        | kg/100 pc.               |
| CO2 Footprint (GWP) Cradle-to-Gate | 0,1148 kg CO2e / 1 Piece |

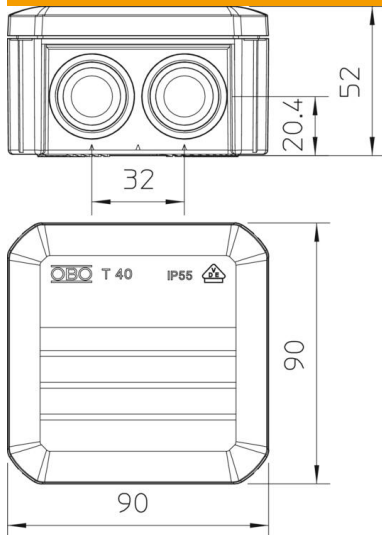
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### Dimensions



|        |       |
|--------|-------|
| Length | 90 mm |
| Width  | 90 mm |
| Height | 52 mm |

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|                                   |                                                           |
|-----------------------------------|-----------------------------------------------------------|
| Expandable                        | yes                                                       |
| No. of entries                    | 7                                                         |
| Type of entry                     | Plug-in seal                                              |
| Type of entry                     | Cable                                                     |
| Type of housing penetration       | Cuttable stepped membrane                                 |
| Measured insulation voltage $V_i$ | 500 V                                                     |
| Cover                             | Not transparent                                           |
| Cover fastening                   | Locking                                                   |
| Entry from rear                   | yes                                                       |
| Entries                           | 7x M25                                                    |
| Explosion-tested version          | no                                                        |
| Flame-resistant                   | acc. to VDE 0471/DIN 695 Part 2-1, test temperature 650°C |
| Shape                             | Square                                                    |
| Maintain electrical functions     | Without                                                   |
| For Ex zone                       | Without                                                   |
| For Ex zone gas                   | Without                                                   |
| For Ex zone dust                  | Without                                                   |
| Fibre-glass reinforced            | no                                                        |
| Halogen-free                      | yes                                                       |
| Clear internal dimensions         | 77x77x46 mm                                               |
| With screening                    | no                                                        |
| with lid                          | yes                                                       |
| Mounting type                     | Wall/ceiling mounting                                     |
| Nominal cross-section, min.       | 4 mm <sup>2</sup>                                         |
| Nominal voltage                   | 500 V                                                     |
| Sealable                          | no                                                        |
| Protection rating                 | IP56                                                      |
| Protection rating IK code         | IK07.                                                     |
| Permitted temperature range, max. | 65 °C                                                     |

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| Permitted temperature range, min. | -25 °C       |
| Transparent lid                   | no           |
| Weatherproof                      | no           |
| Junction box cover version        | Blanking lid |