

# Technical data sheet

## Junction box A 8 with terminal strip

Item number: 2000024



Protection rating IP55, rated voltage 690 V, nominal cross-section 2.5 mm<sup>2</sup>, 7 entries for cable diameter 5–14 mm.

Clamshell.

Dimensions: 75 x 75 x 36.2 mm

Clear internal dimensions: 65 x 65 x 32 mm

1 cut-out tool for every 10 boxes

A 8/5 VDE: 1 Terminal strip 689



PE Polyethylene

### Master data

|                                    |                         |
|------------------------------------|-------------------------|
| Item number                        | 2000024                 |
| Type                               | A 8 5                   |
| Description 1                      | Junction box            |
| Description 2                      | with terminal strip     |
| Manufacturer                       | OBO                     |
| Dimension                          | 75x75x36                |
| Colour                             | Light grey; RAL 7035    |
| Material                           | Polyethylene            |
| Smallest sales unit                | 10                      |
| Unit of quantity                   | Piece                   |
| Weight                             | 5.3 kg                  |
| Weight unit                        | kg/100 pc.              |
| CO2 Footprint (GWP) Cradle-to-Gate | 0,177 kg CO2e / 1 Piece |

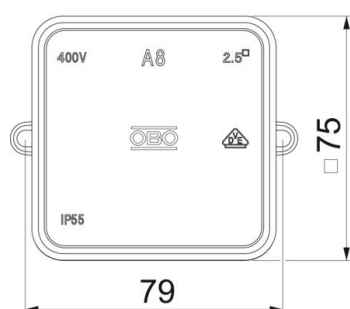
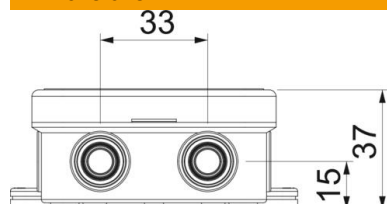
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### Dimensions



|        |         |
|--------|---------|
| Length | 75 mm   |
| Width  | 75 mm   |
| Height | 36.7 mm |

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|                                   |                                                           |
|-----------------------------------|-----------------------------------------------------------|
| Expandable                        | yes                                                       |
| No. of entries                    | 7                                                         |
| Number of terminals               | 5                                                         |
| Type of entry                     | Cable                                                     |
| Type of entry                     | Cable                                                     |
| Type of housing penetration       | Pre-marking                                               |
| Measured insulation voltage $V_i$ | 690 V                                                     |
| Equipment                         | Terminal                                                  |
| Cover                             | Not transparent                                           |
| Cover fastening                   | Locking                                                   |
| Entry from rear                   | no                                                        |
| Entries                           | 7 entries for cable diameter 5–14 mm                      |
| 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                                                   |
| Halogen-free                      | yes                                                       |
| Clear internal dimensions         | 65x65x32 mm                                               |
| Max. Conductor cross-section      | 2.5 mm <sup>2</sup>                                       |
| With screening                    | no                                                        |
| with lid                          | yes                                                       |
| Mounting in the earth             | no                                                        |
| Mounting underwater               | no                                                        |
| Mounting type                     | Wall/ceiling mounting                                     |
| Nominal cross-section, min.       | 2.5 mm <sup>2</sup>                                       |

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|                                   |              |
|-----------------------------------|--------------|
| Nominal voltage                   | 690 V        |
| Sealable                          | no           |
| ROHS-conformant                   | yes          |
| Protection rating                 | IP55         |
| Permitted temperature range, max. | 45 °C        |
| Permitted temperature range, min. | -5 °C        |
| Transparent lid                   | no           |
| Castable                          | no           |
| Sealing compound supplied         | no           |
| Weatherproof                      | no           |
| Junction box cover version        | Blanking lid |