

# Technical data sheet

## Junction box A 6

Item number: 2000001



Protection rating IP55, rated voltage 690 V, nominal cross-section 2.5 mm<sup>2</sup>, 6 entries for cable diameter 5–14 mm

4 entries for cable diameter 5–9 mm.

Clamshell.

Dimensions: 80 x 43 x 36 mm

Clear internal dimensions: 69 x 32 x 30 mm

1 cut-out tool for every 10 boxes



**PE** Polyethylene

### Master data

|                                    |                         |
|------------------------------------|-------------------------|
| Item number                        | 2000001                 |
| Type                               | A 6                     |
| Description 1                      | Junction box            |
| Manufacturer                       | OBO                     |
| Dimension                          | 80x43x34                |
| Colour                             | Light grey; RAL 7035    |
| Material                           | Polyethylene            |
| Smallest sales unit                | 10                      |
| Unit of quantity                   | Piece                   |
| Weight                             | 2.56 kg                 |
| Weight unit                        | kg/100 pc.              |
| CO2 Footprint (GWP) Cradle-to-Gate | 0,0689 kg COe / 1 Piece |

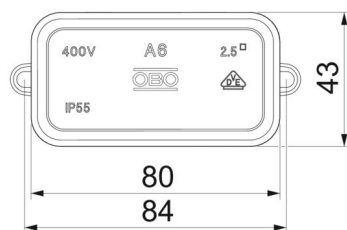
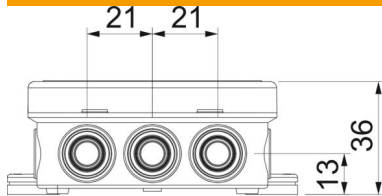
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### Dimensions



|        |       |
|--------|-------|
| Length | 80 mm |
| Width  | 43 mm |
| Height | 36 mm |

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|                                   |                                                                             |
|-----------------------------------|-----------------------------------------------------------------------------|
| Expandable                        | yes                                                                         |
| No. of entries                    | 10                                                                          |
| Type of entry                     | Cable                                                                       |
| Type of entry                     | Cable                                                                       |
| Type of housing penetration       | Pre-marking                                                                 |
| Measured insulation voltage $V_i$ | 690 V                                                                       |
| Equipment                         | Without                                                                     |
| Cover                             | Not transparent                                                             |
| Cover fastening                   | Locking                                                                     |
| Entry from rear                   | no                                                                          |
| Entries                           | 6 entries for cable diameter 5–14 mm<br>4 entries for cable diameter 5–9 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         | 69x32x30 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>                                                         |
| Nominal voltage                   | 690 V                                                                       |
| Sealable                          | no                                                                          |
| Protection rating                 | IP55                                                                        |

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|                                   |              |
|-----------------------------------|--------------|
| 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 |