

# Technical data sheet

## Cavity wall device box 47, airtight

Item number: 2003806



Cavity wall device box with airtight membrane entries for use in cavity walls with an installation depth of at least 47 mm and a plate thickness of 5–40 mm.

- 2 x 3 screw domes
- Device screws, clamping straps
- 2 combination pipe entries of Ø 20 and 25 mm
- 2 entries for NYM cables 3 x 1.5 mm
- 2 entries for NYM cables 3 x 2.5 mm<sup>2</sup> or 5 x 1.5 mm<sup>2</sup>
- Airtight connection with other device boxes via connector, type ZH 11-V
- Airtight connection with other accessory sockets via connector, type ZH 11-V
- Sound insulation tested up to 70 dB according to ISO 10140-2

Delivery accessories: 10 x connectors, type ZH 11-V  
Tested according to DIN EN 60670-1, DIN EN 60670-22 and DIN 49073-1.



**PP/TPE** Polypropylene/thermoplastic elastomer

### Master data

|                                   |                                            |
|-----------------------------------|--------------------------------------------|
| Item number                       | 2003806                                    |
| Type                              | HG 47-L                                    |
| Description 1                     | HW Cavity wall device box                  |
| Description 2                     | airtight                                   |
| Available from                    | 01.10.2021                                 |
| Manufacturer                      | OBO                                        |
| Dimension                         | Ø68mm, H47mm                               |
| Colour                            | orange / grey                              |
| Material                          | Polypropylen / Thermoplastisches Elastomer |
| Smallest sales unit               | 25                                         |
| Unit of quantity                  | Piece                                      |
| Weight                            | 2.41 kg                                    |
| Weight unit                       | kg/100 pc.                                 |
| CO Footprint (GWP) Cradle-to-Gate | 0,0772 kg COe / 1 Piece                    |

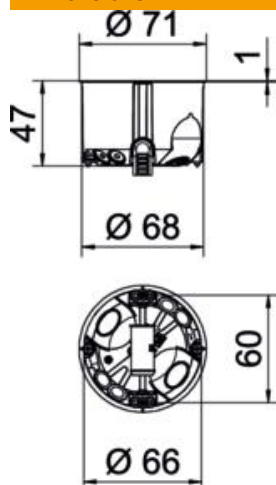
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### Dimensions



|        |       |
|--------|-------|
| Height | 47 mm |
|--------|-------|

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|                                                                 |                                                         |
|-----------------------------------------------------------------|---------------------------------------------------------|
| No. of entries                                                  | 6                                                       |
| Number of switch boxes                                          | 1                                                       |
| Type of insertion                                               | NYM cables, data cables and corrugated pipes            |
| Type of housing penetration                                     | Insertion membrane                                      |
| Version for                                                     | Single                                                  |
| Type                                                            | Accessory socket                                        |
| Device fixing                                                   | Screws ,                                                |
| Cover                                                           | Without                                                 |
| Cover fastening                                                 | Screws ,                                                |
| Flame-resistant                                                 | Acc. to VDE 0471/IEC 60695-2-11, test temperature 850°C |
| Shape                                                           | Round                                                   |
| Milling hole diameter                                           | 68 mm                                                   |
| for pipe diameter                                               | 20/25 mm                                                |
| Suitable for plate thickness, max.                              | 40 mm                                                   |
| Suitable for plate thickness, min.                              | 5 mm                                                    |
| Halogen-free                                                    | yes                                                     |
| Combination entries Ø 20 / 25 mm                                | 2                                                       |
| Cable entries 3 x 1.5 mm <sup>2</sup>                           | 2                                                       |
| Cable entries 3 x 2.5 mm <sup>2</sup> / 5 x 1.5 mm <sup>2</sup> | 2                                                       |
| With bolts                                                      | yes                                                     |
| Mounting type                                                   | Cavity wall                                             |
| Nominal cross-section, max.                                     | 2.5 mm <sup>2</sup>                                     |
| Nominal cross-section, min.                                     | 1.5 mm <sup>2</sup>                                     |
| Impact-resistant                                                | yes                                                     |
| Protection rating                                               | IP30                                                    |
| Support                                                         | Connector                                               |
| Airtight                                                        | yes                                                     |
| Rated voltage                                                   | 400 V                                                   |