

# 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 CO2e / 1 Piece

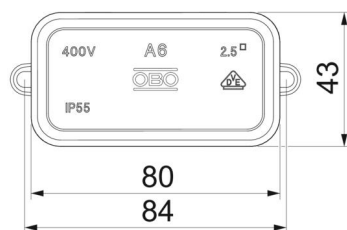
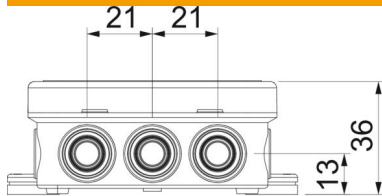
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### Dimensions



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 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