Junction box

# i 12-L



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**Junction box**

Productnumber: 33291201
Dimensions: 85 x 85 x 37 mm

Junction box, protection class IP55, nominal cross-section 2.5 mm², Ui=400 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), self-sealing insertion membranes, sealing range 8,2 - 12,5 mm, (3 rear, 12 side), external fixing lugs, for standard indoor installations

**grey, without terminals**

IP55 | 2,5² | IK07 | 400V AC

# Technical Data

## electrical characteristics

| | |
|---|---|
| Rated insulation voltage AC: | 400 V |
| Max. conductor cross section: | 2,5 mm² |
| Protection class: | II |
| Type of protection: | IP55 |
| Terminal type: | none |
| UL Type Rating: | not specified |

## Colours

| | |
|---|---|
| Base unit colour: | grey |
| Cover colour: | grey |

## Dimensions

| | |
|---|---|
| Width: | 85 mm |
| Length: | 85 mm |
| Height: | 37 mm |
| Weight: | 0.044 kg |

## Material characteristics

| | |
|---|---|
| UV-resistant: | no |
| Halogen free: | yes |
| Flammability class according with UL94: | HB |
| Glow-wire flammability: | 650 °C (EN 60695-2-11) |

## Max. number of terminals per cross section acc. to DIN VDE 0606-1

| | |
|---|---|
| max. amount of terminals at 1,5²: | 6 |
| max. amount of terminals at 2,5²: | 5 |

## Max. number of wires per cross section acc. to DIN VDE 0606-1

| | |
|---|---|
| max. amount of wires at 1,5²: | 20 |

## Max. number of wires per cross section acc. to DIN VDE 0606-1

| | |
|---|---|
| max. amount of wires at 2,5²: | 15 |

## mechanical properties

| | |
|---|---|
| for sealing range min: | 8.2 mm |
| for sealing range max: | 12.5 mm |
| Type of fastening: | Wall/ceiling mounting |
| Impact strength: | IK07 |
| Sealable: | no |
| Fastening: | external fixing lugs |

## Ambient conditions

| | |
|---|---|
| max. relative humidity 25°C: | 95 % |
| max. relative humidity 40°C: | 50 % |
| Min. ambient temperature: | -25 °C |
| Max. ambient temperature: | 40 °C |
| 24h ambient temperature: | 35 °C |
| Installation location: | Indoors |

## Sales Information

| | |
|---|---|
| EAN: | 4013902399376 |
| ETIM Class: | EC002600 |
| Custom tariff number: | 85389099 |
| Minimum order quantity: | 60 |

## Material

| | |
|---|---|
| Base unit material: | Polyethylene |
| Cover material: | Polypropylene |

## Certificates

| | |
|---|---|
| Test mark: | VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)) |

## Accessories

30040701 - VST RR - Sealing plugs

89601901 - KTB 2 - Cable tray fastening

68502001 - HandyGrip VG 20 - Terminal strip

68502101 - HandyGrip VG 21 - Terminal strip

68512101 - HandyGrip VG 21 w - Terminal strip

68832001 - HandyQuick SQ 32 - Screwless terminal

68852001 - HandyQuick SQ 52 - Screwless terminal

89602901 - KTB 1-100 - Cable tray fastening

## Cable gland

