Junction box

# Abox 350-35² EasyPrint




## Abox 350-35² EasyPrint

**Junction box**

Productnumber: 835420EP
Dimensions: 252 x 252 x 120 mm

Junction box, with individual printing, configurable via spelsberg.com/easyprint, protection class IP55/IP66, nominal cross-section 35 mm², certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), knockouts, M20/M25/M40/M50, (4 rear, 12 side), internal fixing points, for standard indoor and protected outdoor installations

**grey, Ui=690 V AC, In=125 A, with raised screw terminal block, 5-pole - 35 mm², clampable cross-sections per pole: 12 x 10 mm², 8 x 16 mm², 4 x 25 mm², 4 x 35 mm² rigid Cu/flexible with wire-end ferrule**

**Accessories supplied:**
**4 attachment bushes IP55 M40 sealing range 17 - 30 mm, 1 sealing plug IP55 M40, cover retainer**

# Technical Data

## electrical characteristics

| | |
|---|---|
| Rated insulation voltage AC: | 690 V |
| Rated insulation voltage DC: | 690 V |
| Min. conductor cross section: | 10 mm² |
| Max. conductor cross section: | 35 mm² |
| Protection class: | II |
| Type of protection: | IP55/IP66 |
| Rated current: | 125 A |
| Terminal type: | Screw terminal |
| Number of poles: | 5 |

## Colours

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

## Dimensions

| | |
|---|---|
| Width: | 252 mm |
| Length: | 252 mm |
| Height: | 120 mm |
| Inner length: | 236 mm |
| Inner width: | 236 mm |
| Inner height: | 99 mm |
| Weight: | 1.4534 kg |

## Material characteristics

| | |
|---|---|
| UV-resistant: | yes |
| Halogen free: | yes |
| Flammability class according with UL94: | HB |
| Glow-wire flammability: | 750 °C (EN 60695-2-11) |

## mechanical properties

| | |
|---|---|
| Impact strength: | IK07 |
| Sealable: | yes |
| Cover screw torque: | 1.5 Nm |
| Type of fastening: | Wall/ceiling mounting |
| Fastening: | internal fixing points |

## Ambient conditions

| | |
|---|---|
| max. relative humidity 25°C: | 95 % |
| max. relative humidity 40°C: | 50 % |
| Min. ambient temperature: | -25 °C |
| Max. ambient temperature: | 55 °C |
| 24h ambient temperature: | 35 °C |
| Installation location: | protected outdoor areas |

## Sales Information

| | |
|---|---|
| EAN: | 4013902698400 |
| ETIM Class: | EC002600 |
| Custom tariff number: | 85369095 |
| Minimum order quantity: | 20 |

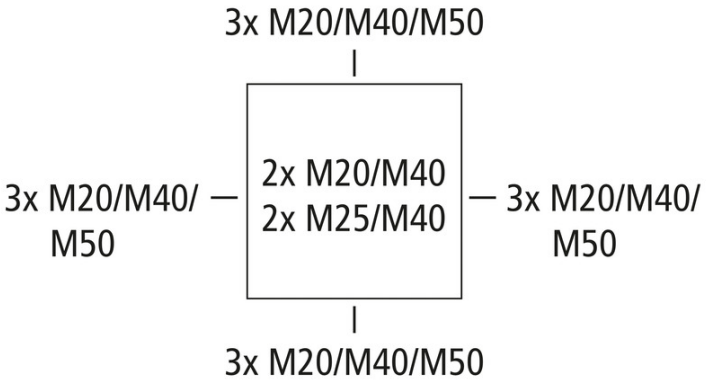
## Material

| | |
|---|---|
| Base unit material: | Polycarbonate |
| Cover material: | Polycarbonate |
| Sealing material: | Thermoplastic elastomer |
| Cover screw material: | Stainless steel 1.4567 (V2A) |

## Certificates

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

## Cable gland


3x M20/M40/M50
3x M20/M40/
M50
2x M20/M40
2x M25/M40
3x M20/M40/
M50
3x M20/M40/M50