**Ref: EXT171**

# Serie Light

## IP65-IP67 Junction boxes

IP65-IP67 Junction box transparent cover 155x179x100. Knock-out entries



## Features

| | |
|---|---|
| **Application:** | Industrial (watertight and distribution enclosures) |
| **Suitable for outdoor installation:** | Yes |
| **Type of installation:** | Surface |
| **Material Quality:** | Polystyrene (PS) |

## Technical data

| | |
|---|---|
| **Protection degree:** | IP65-IP67 |
| **Resistance to impact:** | IK07 |
| **Glow wire resistance (ºC):** | 650 |
| **Ball pressure test (°C):** | 70 |
| **Double insulation:** | Class II |

## Dimensions

| | |
|---|---|
| **Piece dimensions - HxWxD (mm):** | 155 x 179 x 100 |
| **Cable entry / No. of M25 conical glands:** | 6 |
| **Cable entry / No. of M40 conical glands:** | 4 |

## Additional features

| | |
|---|---|
| **Door/window/lid type:** | Transparent |
| **Door/lid/window fastening:** | Screw-on |
| **Reversible door:** | No |
| **UV protection:** | Yes |
| **Number of doors:** | 1 |
| **Lock type:** | With screws |

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| | |
|---|---|
| **Sealable:** | Yes |
| **Linkable:** | No |
| **Neutral and earth bars:** | No |
| **Includes DIN Rail:** | No |
| **Equipped with:** | Other |
| **Plate:** | No |
| **Adjustable Plate:** | No |
| **Perforated Plate:** | No |
| **Form:** | Rectangular |

## Materials

| | |
|---|---|
| **Halogen-free materials:** | Yes |
| **Body/Base Material:** | Polystyrene (PS) |
| **Door/Lid/Window Material:** | Polycarbonate (PC) |
| **Cone material:** | PVC |
| **Base color:** | Grey RAL 7035 |
| **Door color:** | Smoked |
| **Cone color:** | Grey RAL 7035 |

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## Electrical properties

**Maximum voltage (V):** 1000 AC / 1500 DC

**Power dissipation:**

| Power dissipation P(W) as a function of temperature increase ΔT (°C) | | | | |
|---|---|---|---|---|
| 20 | 25 | 30 | 35 | 40 |
| 6.0 | 7.5 | 9.0 | 10.5 | 12.1 |

Data calculated according to IEC TR 60890 using the method for verifying temperature rise in low-voltage switchgear and controlgear assemblies.

## Certificates and regulations

**Directive:** 2014/35/EU

**Standards:** UNE-EN 60670-22

## Packaging

**Supply:** The boxes are supplied individually, shrink-wrapped and in multiple cardboard packaging, according to minimum packaging units
EP048 is not supplied shrink-wrapped, it is supplied with the label over the lid
Boxes with conical cable glands are supplied with the cone assembled
Accessory bag: Bag with 2 arrow screws plus 2 screws without arrow

**Individual Packaging Type:** Wrap

**UoM Packaging - Individual:** Unit

**Minimum Selling Quantity:** 10

**Individual packaging dimensions - HxWxD (m):** 0.155 x 0.18 x 0.1

**Net weight per unit (kg):** 0.361

**Gross weight per unit (kg):** 0.397

## Codes

**GTIN-13 code:** 8431044190204

**Tariff code:** 85381000

**ETIM code 9.0:** EC002600

## Downloads (links)

**Product drawing STP (URL):** https://ideelectric.com/docs/plans/stp/EXT171.stp

**Product drawing DXF (URL):** https://ideelectric.com/docs/plans/dxf/EXT171.dxf

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**Product drawing (PDF):** https://ideelectric.com/docs/plans/pdf/EXT171.pdf

**Assembly instructions:** https://assemblysteps.org/qr/