

JSL Waterproof IP 68 Junction box for continuous submersion in water Ref. J100S IKIT

For Surface & Underground Use



Enclosure is totally waterproof when constantly immersed in water, or immersed for a long period of time: IP 68 (for prolonged immersion in water under pressure)

Dimensions: (external) 116x116x60 mm.

With 6 screwed entries for M20 Cable Glands. Supplied with easy mixing polyurethane resin kit and especial Junction Bar (3 Poles+Earth+Neutral)

Polyurethane resin pack kit



Polyurethane resin pack kit In practical and easy-to-use two-chamber bags. Low-voltage plastic-insulated and paper-insulated cables rated up to 1kV. Telecommunications and signal plastic-insulated and paper-insulated cables. Suitable for mechanical protection and water-sealing on medium voltage cables. Operating temperature range -40 °C to +105 °C

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Characteristics

- Two-component PUR cast resin
- In practical and easy-to-use two-chamber bags
- Favourable flow properties
- High hydrolytic resistance
- Resistant to alkaline earth elements
- UV-resistant
- Halogen-free
- Not harmful to the environment
- Flexibility ensures mechanical stress absorption.
- No fracturing under electrical stress
- Excellent adherence to all cable materials
- No fracturing under mechanical stress
- Low hardening temperature

Shelf life

- Shelf life: 40 months at ambient temperatures between 15°C and 35°C

Tests

- Governmental institute for material testing Darmstadt: DIN VDE 0291
- KEMA, Netherland: report on the MAK value, which lies well below the maximum value of 0.001 ppm,

Remarks: The standard resin is not Flame Retardant (FR). We can supply the Waterproof box J100S IKIT with “flame Retardant” resin pack by adding the **FR code letters** in the end of the normal Reference ex: J100S IKIT FR.

The flame retardant resin fulfils higher fire protection demands and was developed for use in mining. It fulfils the requirements for cast-resins according to DIN VDE 029, Part 2 on filling cable joints or parts of it for: Power cables with a nominal voltage up to 1kV – GNH, power cables with a nominal voltage up to 10kV – GMH, telecommunications and signal cables – GFH..

- Flame-retardation in accordance with DIN VDE 0472 part 804, test type C
- Properties of insulation subjected to flames in accordance with DIN VDE 0472, part 814
- Corrosiveness of combustion gases in accordance with DIN VDE 0472, part 813

