



**CELLPACK**  
Electrical Products

**Product description**

SWA's resin joints can be used to connect both copper and aluminium LV cables with PVC, PE, VPE, and EPR insulation. The resin is made from high quality environmentally friendly polyurethane which has a low hardening temperature. Suitable for Indoor, outdoor, underground, water (e.g., submersible pumps), cable tray applications.

**Features**

- Resin supplied in convenient two-part mixing bag
- Shockproof plastic joint shell
- Suitable for internal and external applications
- UV stabilised and resistant to alkaline
- Longitudinally and transversely watertight
- Cable can be energised after two hours
- Supplied complete with clear mould, resin bag, earth continuity, gloves & sealing tape

**Technical Data**

Cellpack joints have been tested in accordance with EN 50393:2015 (Requirements for cable accessories rated voltage 0,6/1,0 (1,2) kV). The performance test results along with material and storage recommendations are detailed below, please note that these testing values are maximums and safety factors appropriate to your application should be used:

| Standard    | TEST                                   | RESULT |
|-------------|--|--------|
| EN 50393    | 5.1 AC Voltage Withstand Test in Air   | Pass   |
| EN 50393    | 5.2 Insulation Resistance in Air       | Pass   |
| EN 50393    | 5.3 Cyclic Current Loading             | Pass   |
| EN 50393    | 5.4 Cyclic Current Loading in Water    | Pass   |
| EN 50393    | 5.5 AC Voltage Withstand Test in Water | Pass   |
| EN 50393    | 5.6 Insulation Resistance in Water     | Pass   |
| COMPOSITION | MATERIAL                               |        |
| Joint shell | Transparent shockproof plastic         |        |
| Resin       | Halogen-free polyurethane (PUR)        |        |
| STORAGE     | RECOMMENDATIONS                        |        |
| Resin       | Can be stored for up to 40 months      |        |

