

# CAST RESIN STRAIGHT JOINT

For 4-core unarmoured cables with PVC and XLPE Insulation up to 1kV

MELEC Cast Resin Straight Joint (splicing kits) are suitable for indoor, outdoor (weather exposed) and underground or submersed application. The resin formulation is electrical grade and offers good adhesion to plastic, PVC, XLPE and metals. The cured resin is durable and protects the joint against moisture, oil and other type of chemicals.

**Main features:**

- Compact dimensions
- High quality transparent shell
- Corrosion resistance
- UV and weathering resistance
- Good electrical and mechanical properties
- Ease of installation
- Safe and non-toxic components
- Wide range of cable sizes coverage

**Package List:**

1. Transparent plastic shell
2. Cast resin – two components
3. Sand-cloth paper
4. PVC tape
5. Installation instructions



Also suitable for armoured cables (Grounding insulated power cables and constant force springs to be purchased separately.)

**Sizing Range**

| Item Code     | Description  | Conductor Size Range (mm <sup>2</sup> ) |
|---------------|--|---|
| IAIK-CRSJ-M11 | MELEC LV Cast Resin Straight Joint 4C 4-10mm <sup>2</sup>    | 4 - 10                                  |
| IAIK-CRSJ-M12 | MELEC LV Cast Resin Straight Joint 4C 10-25mm <sup>2</sup>   | 10 - 25                                 |
| IAIK-CRSJ-M13 | MELEC LV Cast Resin Straight Joint 4C 25-50mm <sup>2</sup>   | 25 - 50                                 |
| IAIK-CRSJ-M14 | MELEC LV Cast Resin Straight Joint 4C 50-95mm <sup>2</sup>   | 50 - 95                                 |
| IAIK-CRSJ-M15 | MELEC LV Cast Resin Straight Joint 4C 95-150mm <sup>2</sup>  | 95 - 150                                |
| IAIK-CRSJ-M16 | MELEC LV Cast Resin Straight Joint 4C 150-240mm <sup>2</sup> | 150 - 240                               |

Note: Shelf life of the cast resin is 36 months at ambient temperature between 15°C to 35°C.

