

# HEAT-SHRINKABLE TERMINATION KITS

## For 4-core cables with PVC, XLPE and PE Insulation up to 1kV

MELEC Heat-shrinkable Termination Kits are a good fit for all types of PVC, XLPE and PE insulated cables for application up to 1 kV.

With tens of thousands of installations throughout Malaysia by Tenaga Nasional Berhad (TNB), MELEC's cable termination solution is a proven reliable and quick to install system for low voltage applications.



### Main features:

- Ease of installation
- Wide range of cable sizes coverage
- Resistant to chemical corrosion
- UV and weathering stability
- Halogen-free
- Superior Waterproofing
- No shelf life
- Suitable for indoor & outdoor applications

### Package List:

- Four-way Cable Breakout
- Cable Insulating Sleeve
- Lug Sealing Sleeve
- Phase Markers
- Waterproof Sealing Mastic
- Copper Braid with Crimped-Lug
- Constant Force Spring
- Installation Instruction

### Performance (Fully tested in accordance with EN 50393)

Test	Requirements	Results
AC voltage Withstand (in air)	4kV, 1min	No breakdown
Insulation Resistance (in air)	≥50MΩ	Pass
Heating Cycle (in air)	Heat the conductor to 75°C-95°C, 63 times in air	Pass
Heating cycle (Crutch immersed)	Heat the conductor to 75°C-95°C, 63 times in water	Pass
AC voltage Withstand (Crutch immersed)	4kV, 1min	No breakdown
Insulation Resistance (Crutch immersed)	≥50MΩ	Pass

### Sizing Range

Item Code	Description	Conductor Size Range (mm <sup>2</sup> )
IAIK-THSY-1/4-16-50	MELEC LV Heat Shrink Termination Kit 4C 16-50mm <sup>2</sup>	16 - 50
IAIK-THSY-1/4-70-150	MELEC LV Heat Shrink Termination Kit 4C 70-150mm <sup>2</sup>	70 - 150
IAIK-THSY-1/4-185-300	MELEC LV Heat Shrink Termination Kit 4C 185-300mm <sup>2</sup>	185 - 300

Notes: The THSY range of termination kits can be used with Copper Lugs or Bi-metal Lugs. Lugs are not included with the kits. For lugs information, refer to CONWAY range of LV Copper Lugs and Bi-metal Lugs product brochures.

The above Termination systems are approved with Certificate of Product Acceptance (Sijil Guna Pakai) by TNB Malaysia.