

# HEAT-SHRINKABLE TERMINATION KITS

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

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

With 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

### 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	Model	Conductor Size Range (mm <sup>2</sup> )	Unit Price (RM)
IAIK-THSY-1/4-16-50	THSY-1/4-16-50mm <sup>2</sup>	16 - 50	
IAIK-THSY-1/4-70-150	THSY-1/4-70-150mm <sup>2</sup>	70 - 150	
IAIK-THSY-1/4-185-300	THSY-1/4-185-300mm <sup>2</sup>	185 - 300	

Note: 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.