

1kV Heat Shrinkable Cable Accessories

MELEC 1kV heat shrinkable cable accessories are suitable for 0.6/1.0(1.2) kV, insulated with PVC, XLPE and PE polymeric cables. Kits cover a wide range of cable sizes and varying cable constructions.

These accessories can be equipped with either crimping or mechanical lugs and connectors. MELEC mechanical lugs and connectors can be easily installed by a socket spanner without the need of crimping tools. Besides, they can reduce stock requirement because of their wide span range.

Features

- Compact dimensions
- Hot melting adhesive provides advanced sealing and insulating performance.
- Excellent corrosion resistance
- UV resistance and weathering resistance
- Halogen-free
- Superior electrical and mechanical properties

Standard

EN 50393

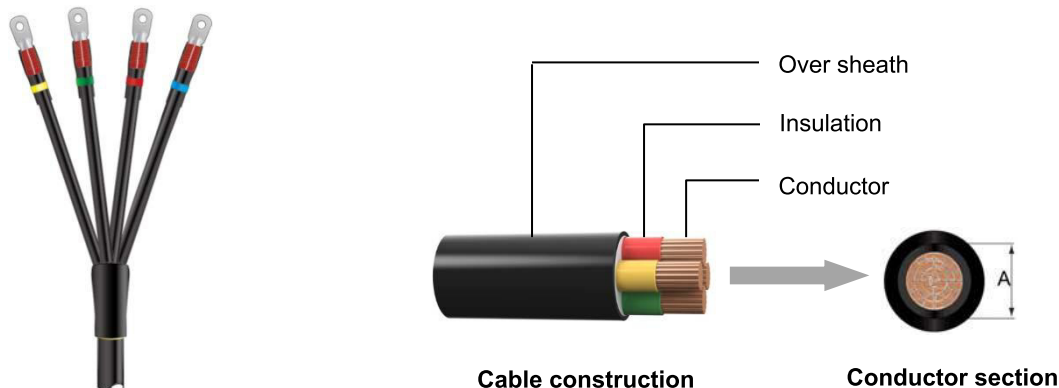
Performance

Test	Requirements
AC voltage withstand(in air)	4kV, 1 min. No failure.
Insulation resistance(in air)	≥50MΩ
Impact at ambient temperature (only for joints)	A 4kg block dropped onto the accessory from a height of 1 m; Immersed for a minimum of 3h in water with depth of 1m
AC voltage withstand(immersed) (only for joints)	4kV, 1 min. No failure.
Insulation resistance(immersed) (only for joints)	≥50MΩ
Heating cycle(in air)	Heat the conductor to 75°C-95°C, 63 times in air. No failure.
Heating cycle(in water)	Heat the conductor to 75°C-95°C, 63 times in water. No failure.
AC voltage withstand(in water)	4kV, 1 min. No failure.
Insulation resistance(in water)	≥50MΩ

1kV Heat Shrinkable Termination Accessories

Application

MDD is suitable for multicore, unarmoured cables.



Cores	Type	Cross-section (mm ²)	Min. Dia over Insulation A (mm)	Max. Dia over Lugs (mm)	Recommended Cable Lugs
 4-core	MDD-4-01-A	10-35	4.6	14.0	AU AUS CALB-N JTLL
	MDD-4-01-B	50-95	9.3	22.0	
	MDD-4-01-C	120-185	14.2	28.5	
	MDD-4-01-D	240-300	20.4	36.0	
	MDD-4-01-E	300-400	25.7	38.5	

Note: JTLL mechanical lug is suitable for cross-section from 10 to 300mm².
Please consult MELEC sales for more details about cable lugs.

Standard Package List

Items	Selection
CABLE LUG	☐
HEAT SHRINKABLE INSULATION BREAKOUT	☒
HEAT SHRINKABLE TUBING	☒
HEAT SHRINKABLE TUBING	☒
PHASE TUBING	☒
WATERPROOF SEALING MASTIC	☒
PVC TAPE	☐
EMERY CLOTH	☐
CLEANING KIT	☐
CLEANING CLOTH	☐
UNDERSHIRT CLOTH GLOVES	☐
INSTALLATION INSTRUCTION	☒
PACKAGE LIST	☒

Note: ■ The marked items are basically required.
□ MELEC also provides customized set. Just tick on for your needs.
Please consult MELEC sales for more details.