tyco Electronics

Energy Division
http://energy.tycoelectronics.com

Heat-shrinkable termination systems for MI/MIND paper and plastic insulated cables for up to 1 kV

With millions of installations throughout the world, Raychem cable terminations for up to 1 kV are acknowledged to be more reliable and quicker to install than conventional systems.

A proven system
Consistent performance in extreme temperatures, atmospheric pollution and ultra-violet light has proven the insulating and sealing ability of Raychem terminations for more than 35 years.

Ease of installation
Installed by way of heat-shrinking, the Raychem system saves time, eliminates special equipment and simplifies work overhead and work in confined spaces. Varying cable constructions can be easily accommodated, and every kit typically covers three to four cable sizes. Thus inventories are reduced and stockkeeping minimized.

Performance
Raychem terminations meet Raychem Specification PPS 3013, which includes the requirements of the major national standards and international norms. High performance and efficiency are the results of Raychem's expertise in materials science and electrical power engineering, gained through a sustained research effort and extensive experience as one of the largest cable accessory makers.

Raychem makes a wide range of terminating and jointing systems and supports them with full customer service, installer training and technical assistance to meet the demands of the growing world of energy.

Raychem

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Test sequence		Result
A.C. Voltage Withstand in Air	4kV for 1 minute	no breakdown and no flashover
Insulation Resistance in Air	between each phase core in turn and all other phase cores	>1000MΩ
A.C. Voltage Withstand in Water	4kV for 1 minute	no breakdown and no flashover
Insulation Resistance in Water	between bunched phase cores and grounded water & between each phase core in turn and all other phase cores	>1000MΩ
Load Cycling in Air	63 cycles 5h heating, 3h cooling conductor temperature: Paper cables: 85°C PVC cables: 75°C XLPE cables: 95°C	pass
Load Cycling in Water	as above, with cable in 1m water	pass
A.C. Voltage Withstand in Water	4kV for 1 minute	no breakdown and no flashover
Insulation Resistance in Water	as above, with cable in 1m water	>1000MΩ
Notes:	1. All voltages are phase to ground 2. Further details are available on request	

Ordering information

Raychem termination kits are available for MI/MIND paper and plastic insulated cables for up to 1 kV, with 2 to 4 cores and with conductor cross-sections up to 500 mm². Solderless earth connections and a full selection table are available on request.

Raychem termination kits are supplied complete with full installation and application information.

For further details on this or any other Raychem products please contact your local sales representative.

Energy Division – a pioneer in the development of economical solutions for the electrical power industry. Our product range includes: cable accessories, connectors & fittings, electrical equipment, instruments, lighting controls, insulators & insulation enhancement and surge arresters.

For more information and your country contact person, please visit us at:
http://energy.tycoelectronics.com

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