



# RAYCHEM HEAT-SHRINKABLE TERMINATION SYSTEMS - EPKT

FOR MI/MIND PAPER AND PLASTIC INSULATED CABLES UP TO 1 KV

## KEY FEATURES

- High insulating and sealing ability even in extreme temperatures, atmospheric pollution and ultra-violet light
- Meets CENELEC 50393
- Easy to install
- Kits cover a wide range of cable sizes and varying cable constructions

With millions of installations throughout the world, Raychem cable terminations from TE Connectivity 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 TE's Raychem cable terminations for more than 35 years.

Ease of installation: installed by way of heat-shrinking, the heat shrink 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: TE's Raychem cable terminations meet our specification PPS 3013, which includes the requirements of the major national standards and international norms and also meets CENELEC 50393. High performance and efficiency are the results of TE Connectivity'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.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**



TE connectivity delivers a wide range of terminating and joining systems and support customers with full service, installer training and technical assistance to meet the demands of the growing world of energy.

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



## ORDERING INFORMATION

TE Connectivity's Raychem termination kits are available for MI/MIND paper and plastic insulated cables for up to 1 kV, with 2 to 4 core and with conductor cross-sections up to 400 mm<sup>2</sup>. Solderless earth connections and a full selection table are available on request.

TE's Raychem termination kits are supplied complete with full installation and application information. For further details on this or any other products of TE's product family Raychem, please contact your local sales representative.

[te.com/energy](http://te.com/energy)

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## EPKT

Raychem Low Voltage Heat-shrink Terminations up to 1 kV

### FEATURES

- Hot-melt adhesive-coated cable breakout and sealing sleeves

### APPLICATION

- For sealing and protection of indoor or outdoor cable ends on armoured or unarmoured cables.
- For 2, 3 and 4 core cables

### CONFORMS TO

- Tested in accordance to CENELEC HD 623 S1.1996 and EN 50393

### 1 kV 3 and 4-core indoor and outdoor terminations for armoured and unarmoured cables

Product name	No of cores	Conductor size (mm <sup>2</sup> )	Part number
EPKT 0030 (S10)	3	25 – 50	804937-011
EPKT 0046 (S10)	3	70 – 150	963807-000
EPKT 0062 (S10)	3	185 – 300	208159-011
EPKT 0015 (S20)	4	4 – 16	288775-000
EPKT 0031 (S10)	4	25 – 50	005023-000
EPKT 0047 (S10)	4	70 – 150	597107-000
EPKT 0063 (S10)	4	185 – 300	063097-000

### 1 kV 1, 3 and 4-core indoor and outdoor terminations for armoured cables

Product name	No of cores	Conductor size (mm <sup>2</sup> )	Part number
EPKT 0017 (S5)	2	25 – 50	024865-000
EPKT 0003 (S10)	4	4 – 16	121775-000
EPKT 0019 (S5)	4	25 – 50	868777-000
EPKT 0035 (S5)	4	70 – 150	223409-000
EPKT 0051 (S5)	4	185 – 300	803719-000