



Raychem Heat-Shrinkable Termination System for Cables up to 36 kV APKT Series

Features:

- Universal termination family for 12-36 kV based on SCTM stress control technology
- All applications for polymeric and MIND paper on 1-core, 3-core, armoured and unarmoured cables
- Red non-tracking HVOT tubing provides excellent environmental protection
- Can be used in combination with RICS / RCAB / RSRB switchgear connection systems

Universal Selection Procedure

- Simplified selection table allows quick selection based on conductor cross section and voltage class for either polymeric or MIND paper insulated cables (For MI draining oil cables, contact your local representative)
- Simple modification codes permit easy specification of optional accessory kits
- Enhanced range-taking ability means

that one kit fits more conductor sizes, reducing stocking requirements

- Unlimited shelf life allows stocking of economic quantities without product spoilage

Simplified Cable Preparation

- Improved treatment of screen cut back is compatible with all state of the art screen removal techniques
- No tapering of insulation required
- No polishing of polymeric insulation surface
- No special preparation of sectored, or eccentric conductors, or of cable that is curved after unreeling from the cable drum
- Cable preparation steps are similar to those for Raychem joints

Simplified Installation

- Components are lightweight and non-shattering
- Clear instruction sheets
- Common installation procedure for polymeric and MIND paper cables

- Factory engineered kit permits rapid on-site installation
- No mechanical stress at insulation screen cutback
- Termination accommodates same bending radius as cable
- Visual confirmation of correct assembly sequence possible after installation
- Rain skirts can be installed to allow either top or bottom feed
- No soldering of earthing accessories required

Outstanding Long-Term Reliability

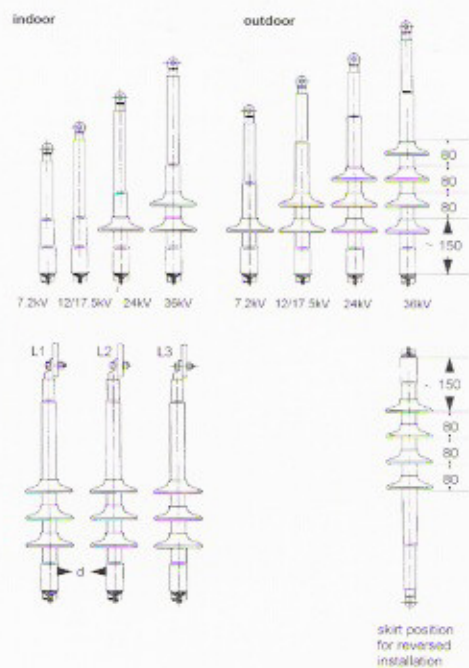
- Fully sealed against water ingress from the environment or from within the conductor strands
- Polymeric materials load cycle with the cable without mechanically stressing termination components and sealants
- Unsurpassed performance in polluted environments, proven over three decades.



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Our commitment. Your advantage.

APKT Series Raychem Heat-Shrinkable Termination System for Cables up to 36 kV
 Modified EPKT IEC standard termination, designed for ASEAN specifications



Min. clearances		Max. system voltage (kV)					
		7.2	12	17.5	24	36	
a	air clearance	as for local specifications					
b	ph/ground	[mm]	10	15	20	25	35
d	between skirts	[mm]	10	10	15	20	25
r	min. bending radius = 15xD, before bending heat cable up to approx. 70°C						

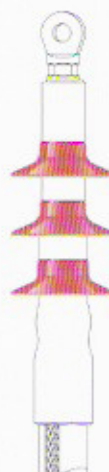
Single Core Cable Termination System



Polymeric Insulated Cable Indoor Service



Paper Insulated Cable (Mass Impregnated, Non Draining) Indoor Service



Polymeric or Paper Insulated Cable Outdoor Service

- void filling compound
- stress control tubing
- non-tracking sleeve with sealant layer
- oil barrier, insulating tubing (clear) installed over paper insulation
- rain skirts installed over non-tracking sleeve

It's the same system for all types of polymeric cable

otherwise, installation is the same as for a polymeric insulated cable

otherwise, installation is the same as for an indoor termination

Three-Core Cable Termination System



Polymeric or Paper Insulated Cable Indoor or Outdoor Service

- three-core breakout installed at end of cable oversheath

otherwise, installation steps are the same as for three single core terminations

The Raychem termination system is compatible with all types of armoured cable. The system includes a complete range of solderless accessories for earthing insulation screens and

cable armour and for grounding lead sheaths. Also available are insulators and support brackets, insulating boots for equipment connections and glands for easy entry to cable boxes. For more details please refer to the EPKT (EPP-0282/2) and I(O)XSU-F (EPP-0795 & 0782) Termination brochures. You can ask for our capability brochure (EPP-1102) that exhibits all product families.

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale. Raychem, TE Logo and Tyco Electronics are trademarks.

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