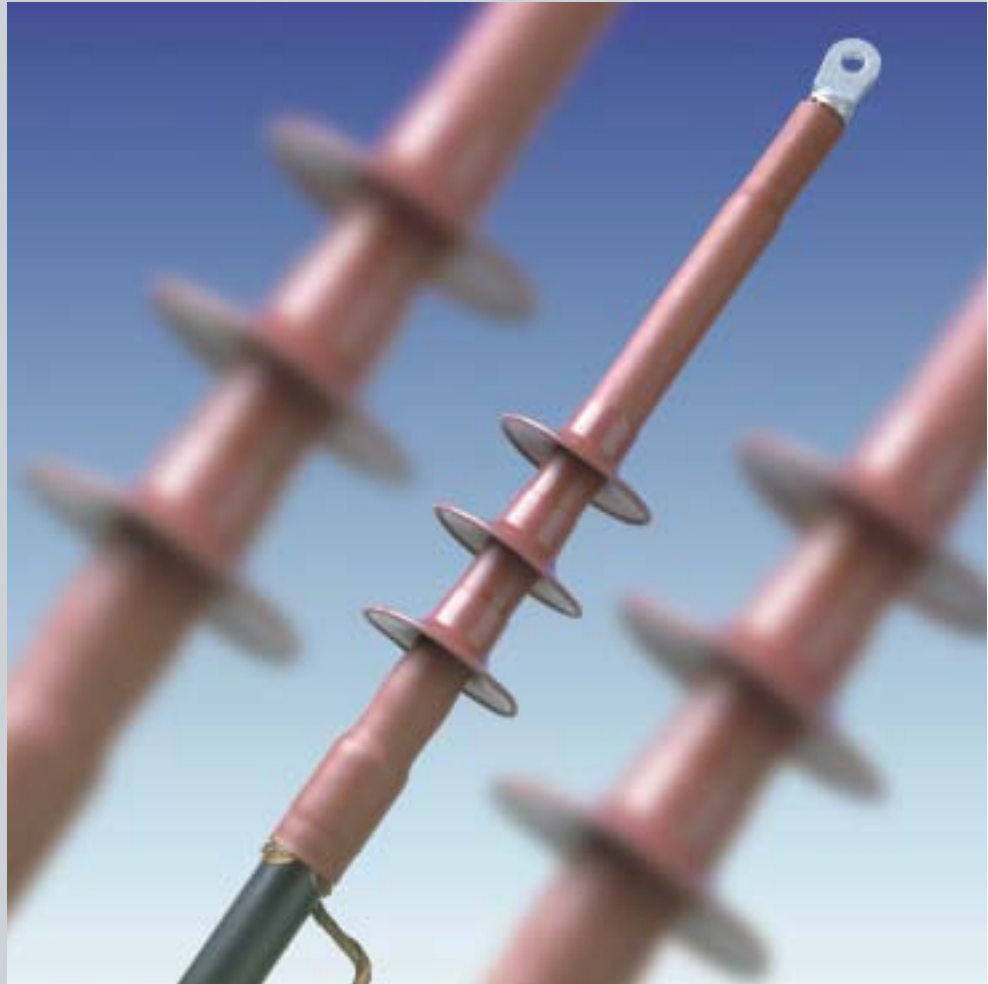
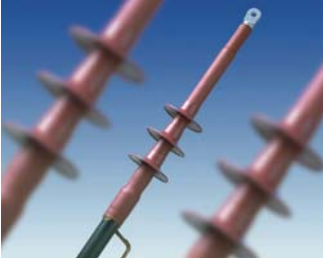


**APKT****Heat-Shrinkable Termination System  
for Cables up to 36 kV****Features:**

- 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



## Heat-Shrink Terminations



### APKT

## Heat-shrinkable termination system for cables up to 36 kV

### General Description

Over the last three decades, engineers in utilities and industry around the world have specified million's of Raychem cable terminations at distribution voltages up to 36 kV. Raychem terminations have become identified with reliability because of their unparalleled long-term performance - where it really counts - in the field. Today there are many changes influencing the distribution of power at medium voltages.

### Features & Benefits

- All applications for polymeric and MIND paper on 1-core, 3-core, armoured and unarmoured cables
- Red non-tracking Raychem HVOT tubing provides excellent environmental protection
- Can be used in combination with Raychem RICS / RCAB / RSRB terminations
- 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
- Components are lightweight and non-shattering
- Clear instruction sheets
- Fully sealed against water ingress from the environment or from within the conductor strands
- Compatible with all state of the art screen removal techniques
- No tapering of insulation required
- No polishing of polymeric insulation surface
- 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
- Unsurpassed performance in polluted environments, proven over three decades.

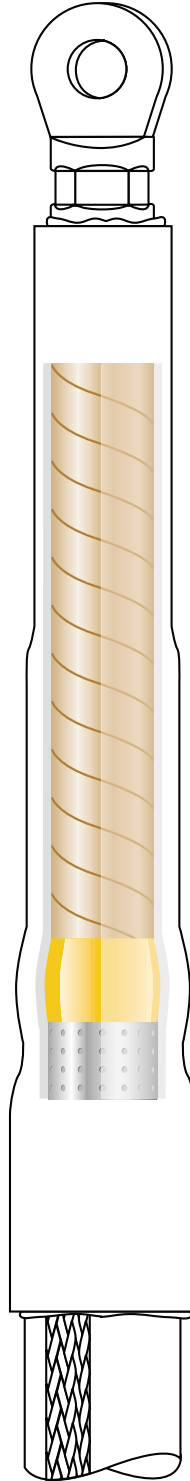
# Single Core Cable Termination System



**Polymeric Insulated Cable  
Indoor Service**

- void filling compound
- stress control tubing
- non-tracking sleeve with sealant layer

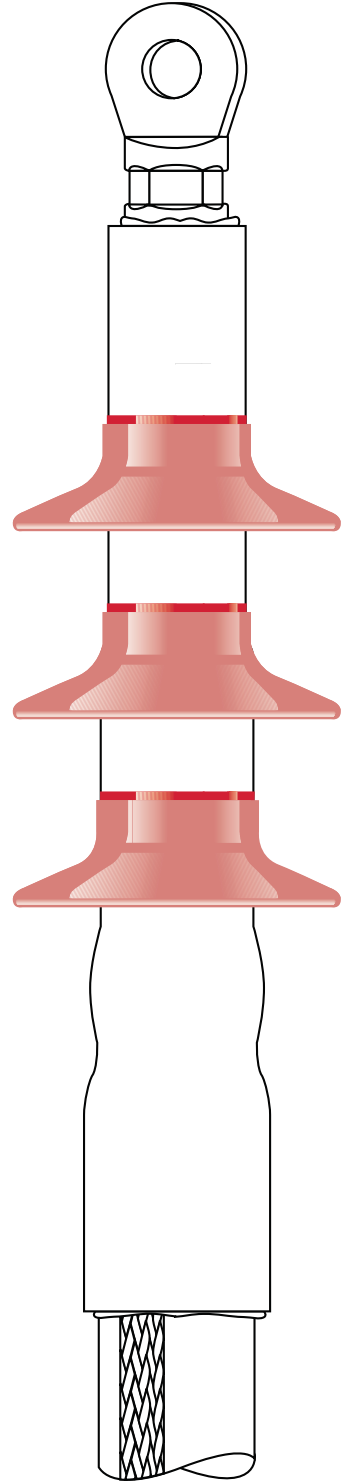
It's the same system for all types of polymeric cable



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

- oil barrier, insulating tubing (clear) installed over paper insulation

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

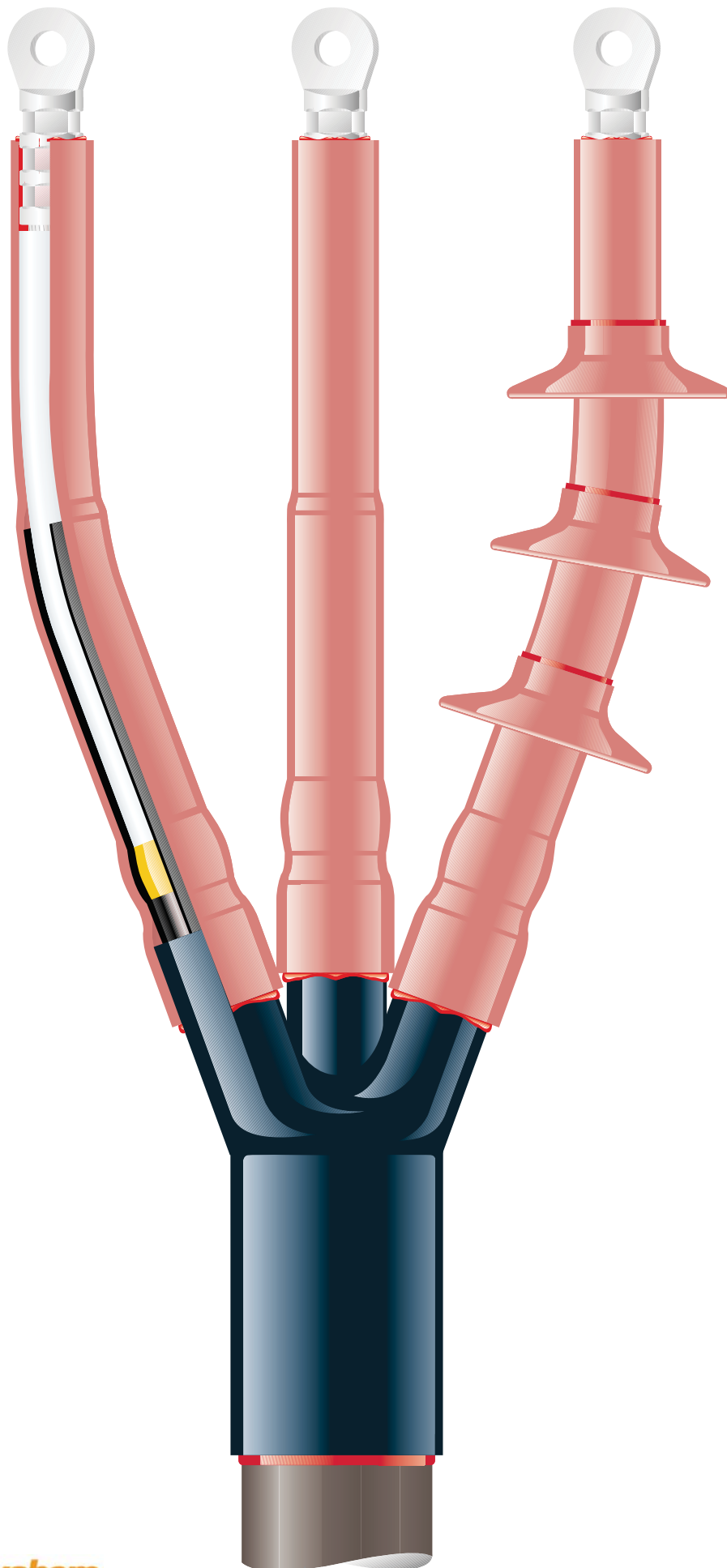


**Polymeric or Paper Insulated  
Cable Outdoor Service**

- rain skirts installed over non-tracking sleeve

otherwise, installation is the same as for an indoor termination

## Three-Core Cable Termination System



### **Polymeric or Papier 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.

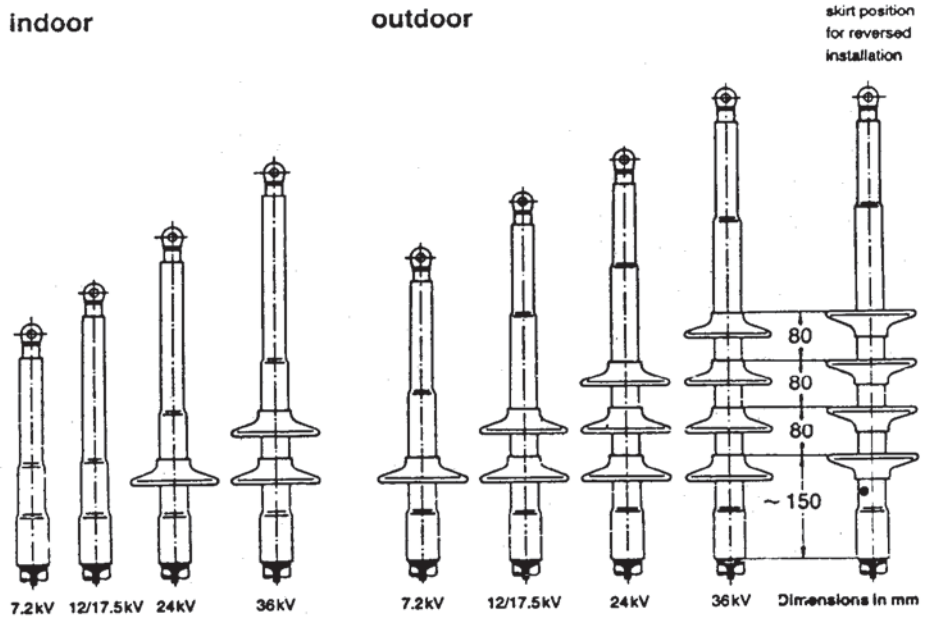
The system includes a complete  
range of solderless accessories for  
earthing insulation screens and  
cable armour and for grounding  
lead sheaths. Also available are  
insulators and support brackets,  
insulating boots for equipment  
connections and glands for easy  
entry to cable boxes. For more  
details please refer to the EPKT  
and I(O)XSU-F Termination  
brochures.

# RAYCHEM TERMINATIONS FOR XLPE CABLE FROM 7.2 KV UP TO 36 KV.

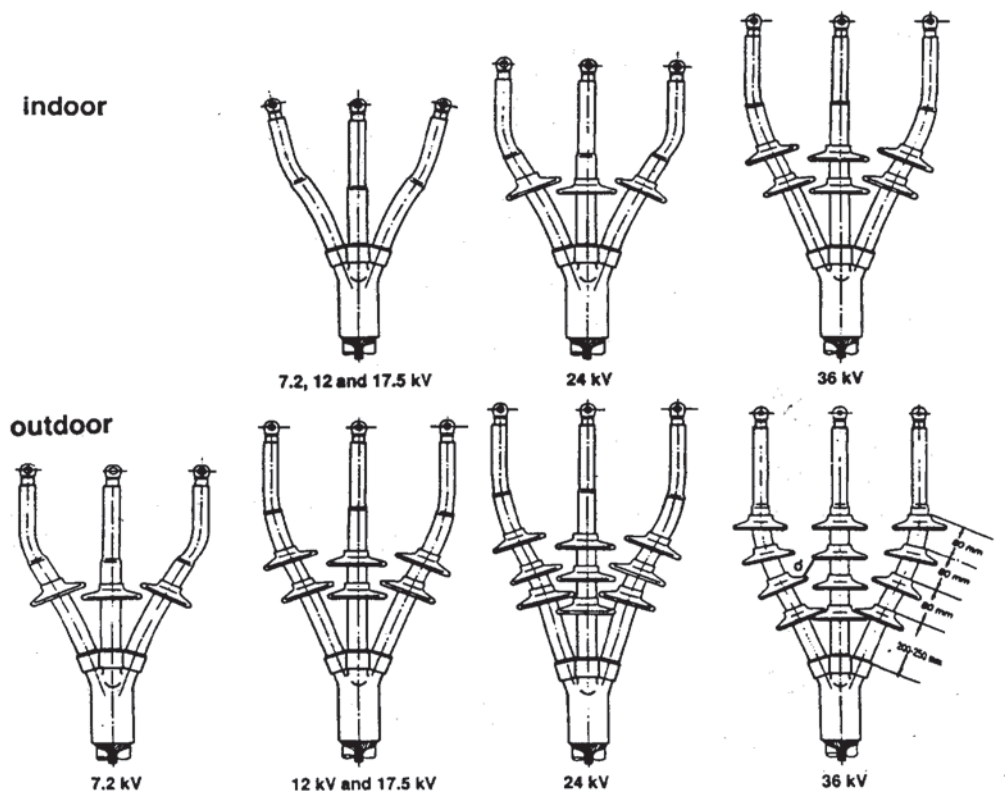
## APKT

### Termination Selector & Minimum Performance Data

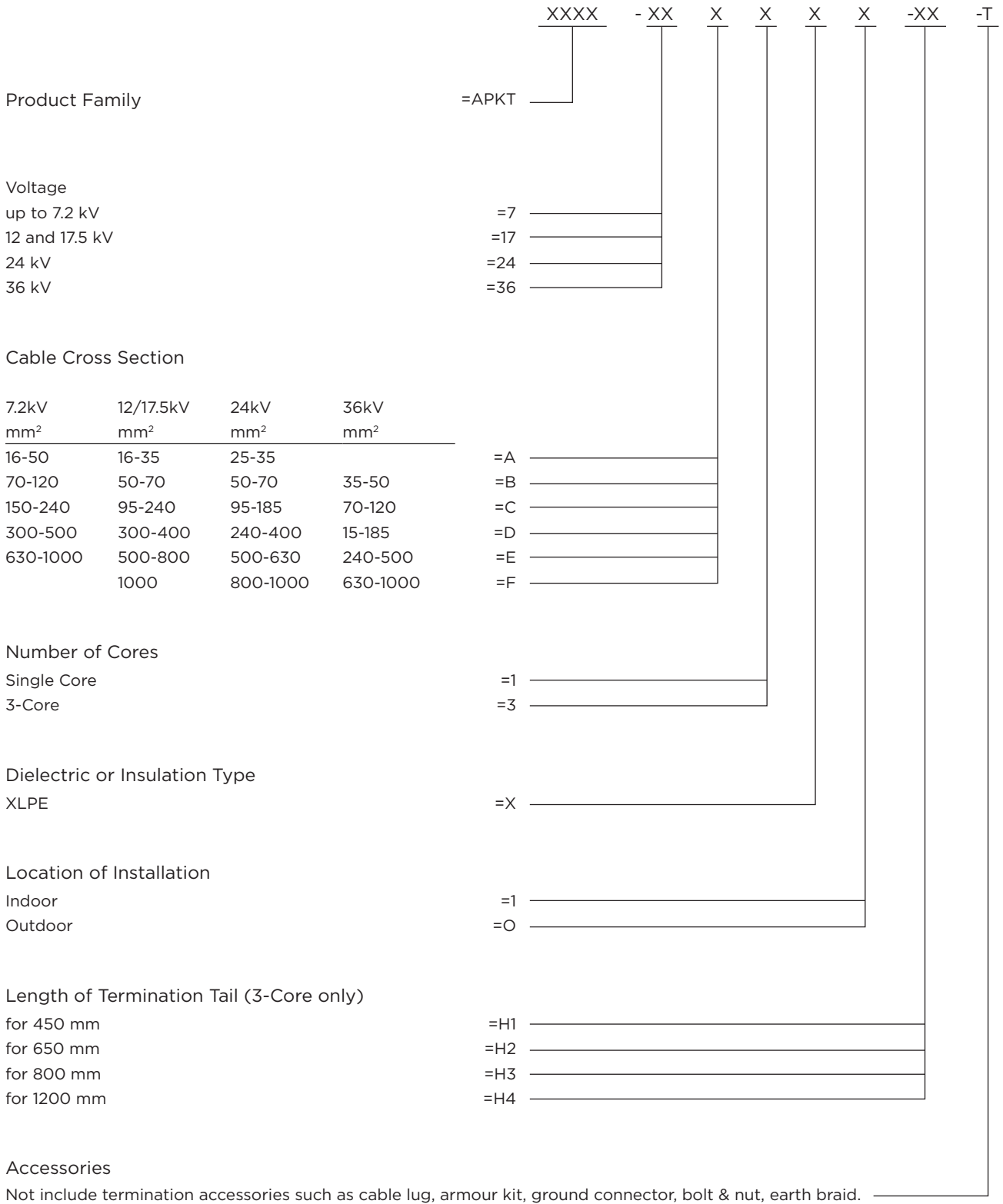
#### Single Core Termination



#### Three Core Termination



Selection Information: dimensions shown in millimeters



Ordering Example:

APKT-17C 3X O-H3-T

Outdoor termination for 12/17.5 kV, 120 mm<sup>2</sup> 3-core XLPE cable, tail length 800 mm.

# Raychem Termination Kit

## For XLPE Cable Without Armour

Voltage (kV)	Cable Size (SQ.mm.)	Single Core		Three Core	
		Indoor	Outdoor	Indoor	Outdoor
7.2	16 - 50	APKT 7A1XI-T	APKT 7A1XO-T	APKT 7A3XI-H2-T	APKT 7A3XO-H2-T
	70 - 120	APKT 7B1XI-T	APKT 7B1XO-T	APKT 7B3XI-H2-T	APKT 7B3XO-H2-T
	150 - 240	APKT 7C1XI-T	APKT 7C1XO-T	APKT 7C3XI-H2-T	APKT 7C3XO-H2-T
	300 - 500	APKT 7D1XI-T	APKT 7D1XO-T	APKT 7D3XI-H2-T	APKT 7D3XO-H2-T
	630 - 1000	APKT 7E1XI-T	APKT 7E1XO-T	-	-
12-17.5	16 - 35	APKT 17A1XI-T	APKT 17A1XO-T	APKT 17A3XI-H2-T	APKT 17A3XO-H2-T
	50 - 70	APKT 17B1XI-T	APKT 17B1XO-T	APKT 17B3XI-H2-T	APKT 17B3XO-H2-T
	95 - 240	APKT 17C1XI-T	APKT 17C1XO-T	APKT 17C3XI-H2-T	APKT 17C3XO-H2-T
	300 - 400	APKT 17D1XI-T	APKT 17D1XO-T	APKT 17D3XI-H2-T	APKT 17D3XO-H2-T
	500 - 800	APKT 17E1XI-T	APKT 17E1XO-T	-	-
1000	APKT 17F1XI-T	APKT 17F1XO-T	-	-	
24	25 - 35	APKT 24A1XI-T	APKT 24A1XO-T	APKT 24A3XI-H2-T	APKT 24A3XO-H3-T
	50 - 70	APKT 24B1XI-T	APKT 24B1XO-T	APKT 24B3XI-H2-T	APKT 24B3XO-H3-T
	95 - 185	APKT 24C1XI-T	APKT 24C1XO-T	APKT 24C3XI-H2-T	APKT 24C3XO-H3-T
	240 - 400	APKT 24D1XI-T	APKT 24D1XO-T	APKT 24D3XI-H2-T	APKT 24D3XO-H3-T
	500 - 630	APKT 24E1XI-T	APKT 24E1XO-T	-	-
800 - 1000	APKT 24F1XI-T	APKT 24F1XO-T	-	-	
36	35	APKT 36B1XI-T	APKT 36B1XO-T	-	-
	35 - 50	-	-	APKT 36B3XI-H2-T	APKT 36B3XO-H3-T
	50 - 120	APKT 36C1XI-T	APKT 36C1XO-T	-	-
	70 - 120	-	-	APKT 36C3XI-H2-T	APKT 36C3XO-H3-T
	150 - 185	APKT 36D1XI-T	APKT 36D1XO-T	APKT 36D3XI-H2-T	APKT 36D3XO-H3-T
	240 - 500	APKT 36E1XI-T	APKT 36E1XO-T	APKT 36E3XI-H2-T	APKT 36E3XO-H3-T
630 - 1000	APKT 36F1XI-T	APKT 36F1XO-T	-	-	