

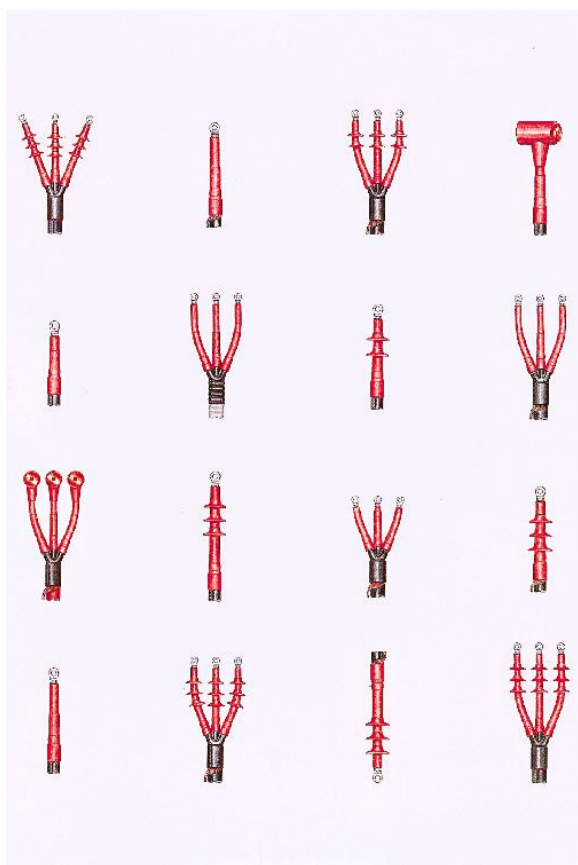
TERMINATIONS



EPKT 11kV - 36kV Terminations

TKN/U 3.3kV Indoor & Outdoor Terminations

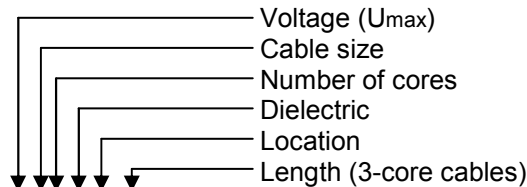
IXSU / OXSU Terminations



EPKT Terminations

Termination systems for polymeric and MIND paper insulated cables from 7.2kV up to 36kV

This worksheet enables you to arrive at a part number for an EPKT termination. Choose one figure from the left-hand column of each table.



Typical part number: EPKT 17C 3MO H3 B05 ← Accessories

Voltage in kV	
7	For 7.2kV
17	For 12kV & 17kV
24	For 24kV
36	For 36kV

Size in mm ²	7.2kV	12kV & 17.5kV	24kV	36kV
A	16 - 35	16 - 25	-	-
B	50 - 95	35 - 70	25 - 50	-
C	120 - 185	95 - 185	70 - 185	50 - 95
D	240 - 400	240 - 400	240 - 300	120 - 185
E	500 - 1000	500 - 800	400 - 630	240 - 500
F	-	1000	800 - 1000	630 - 1000

No. of Cores	
1	For single (1) core
3	For three (3) core

Dielectric	
X	XLPE
M	For MIND non-draining paper (not applicable for draining paper cables)

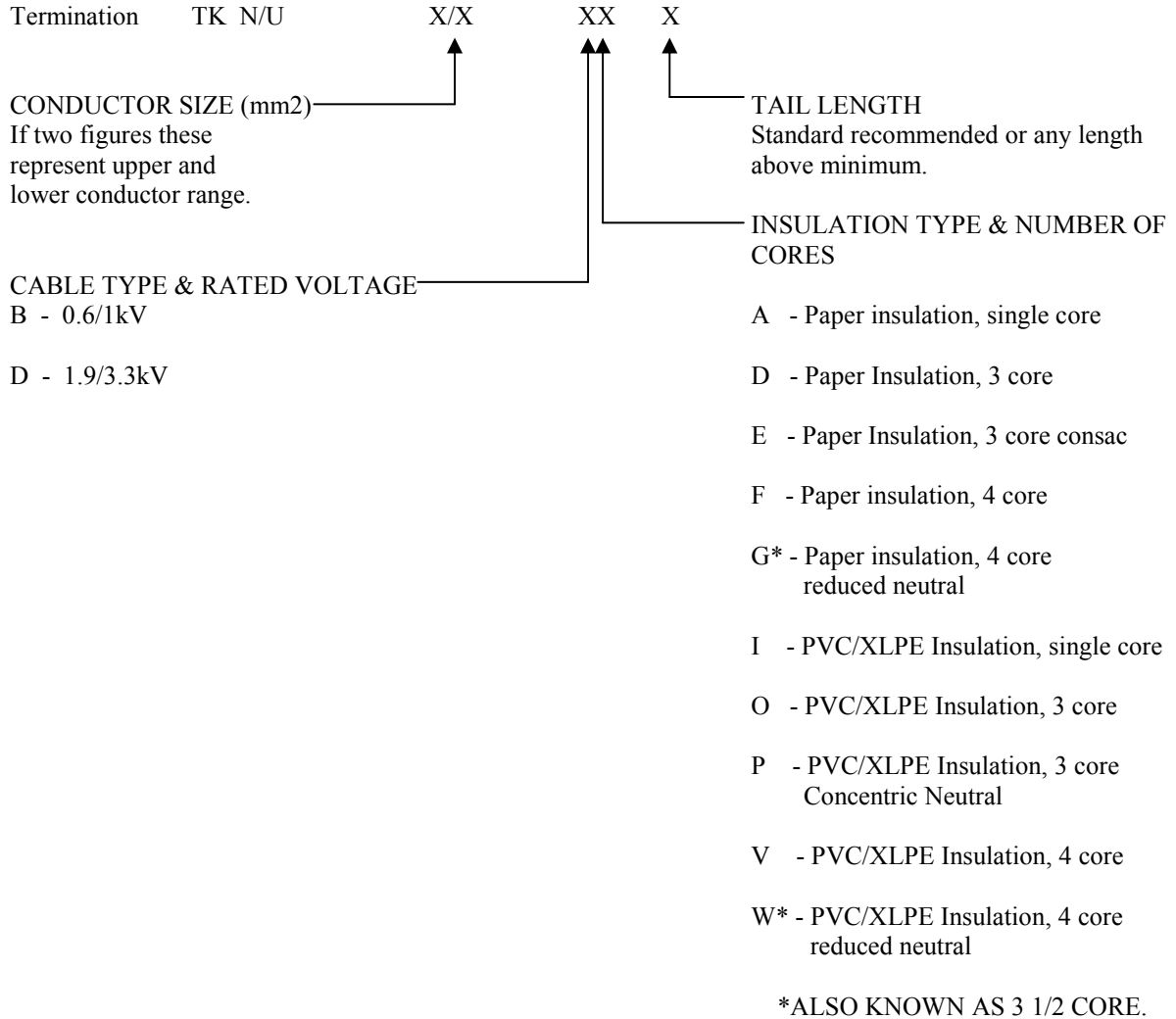
Location	Of the termination
I	For INDOOR
O	For OUTDOOR

Length	
H1	For 450mm long
H2	For 650mm long (min for 17.5kV outdoor and 36kV indoor)
H3	For 800mm long (min for 24kV outdoor and 36kV outdoor)
H4	For 1200mm long

Note: The non tracking tubing (Red) can be supplied in one continuous length by adding the mod code "F" Example: EPKT 17C 3MO H4-F (3600mm Long).

TKN/U
INDOOR AND OUTDOOR TERMINATIONS
 For plastic, rubber, MI and MIND paper insulated cables up to 3.3kV

KIT ORDERING INFORMATION



In situations where there are no standard kits, please contact a Raychem Sales office so a special Termination kit can be designed.

THE HASSLE FREE HIGH PERFORMANCE TERMINATION
Outer tubing incorporates stress control in one piece

Raychem

IXSU-F/OXSU-F

Heat-shrinkable medium voltage terminations for Indoor and outdoor applications for polymeric Cables up to 36kV

Features

- High-performance termination material
- New ceramic stress control system
- Compact design
- Few components
- Simple to install, high reliability
- Mechanical robustness
- Range taking
- No shelf life limitation

Benefits

- Space saving
- Unlimited shelf life
- Minimal waste for disposal
- Simple and fast to install
- Superior application range

Designed for both indoor and outdoor use in all climate conditions, the IXSU-F/OXSU-F range covers applications for polymeric cables up to 36kV

Stress control materials

Raychem has formulated a new electrical stress control material, which is based on Raychem's experience in ceramic semiconductor technology (ZnO). The ZnO stress control system is integrated in a heatshrinkable insulating tubing. It fills any irregularities, bonds to the insulation and achieves excellent electrical performance.

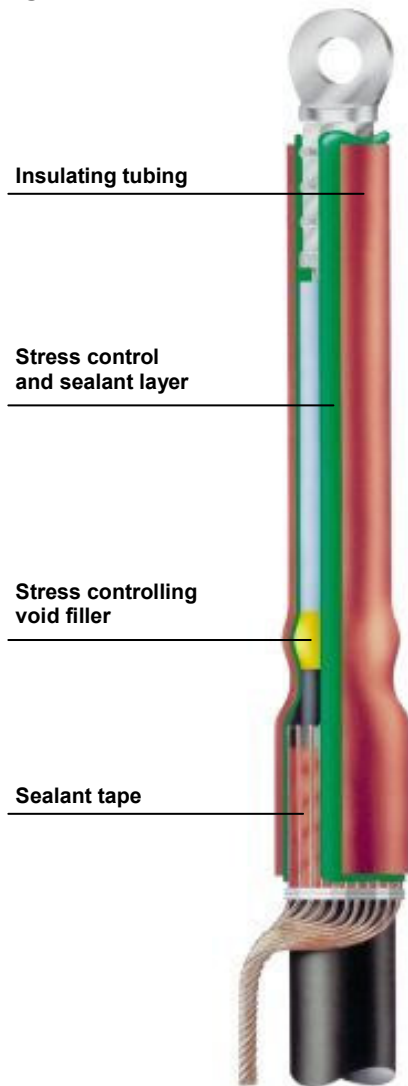
Product range

The product line is designed for polymer cables from 10 to 800mm² and up to 36kV. This coverage is achieved with a minimum number of design variants.

Insulation materials

The materials used in the IXSU-F/OXSU-F termination generation have undergone many years of development, yielding a polymeric material with exceptional electrical and weathering properties. The formulation is based on proven polymer compounds, exhibiting excellent stability and long-term performance over several decades under severe environmental conditions.

It delivers outstanding tracking and erosion resistance, mechanical strength, weatherability and dielectric properties.



IXSU-F indoor termination



IXSU-F terminations installed with Raychem elastomeric bushing boot (RCAB)



IXSU-F terminations installed with Raychem insulated system (RICS)

Selection guide
IXSU-F/OXSU-F Termination family up to 36kV

Raychem

12kV

**IXSU-F/OXSU-F
Single Core - Termination family**



Indoor



Outdoor

Kit Number	Cross Section
IXSU-F 3111	10 – 35 mm ²
IXSU-F 3121	25 – 95 mm ²
IXSU-F 3131	95 – 240 mm ²
IXSU-F 3141	240 – 500 mm ²
IXSU-F 3151	500 – 800 mm ²
IXSU-F 3161	1000 – 1200 mm ²

Kit Number	Cross Section
OXSU-F 3111	10 – 35 mm ²
OXSU-F 3121	25 – 95 mm ²
OXSU-F 3131	95 – 240 mm ²
OXSU-F 3141	240 – 500 mm ²
OXSU-F 3151	500 – 800 mm ²
OXSU-F 3161	1000 – 1200 mm ²

24kV



Indoor



Outdoor

Kit Number	Cross Section
IXSU-F 5121	25 – 70 mm ²
IXSU-F 5131	70 – 240 mm ²
IXSU-F 5141	185 – 400 mm ²
IXSU-F 5151	400 – 800 mm ²
IXSU-F 5161	1000 – 1200 mm ²

Kit Number	Cross Section
OXSU-F 5121	25 – 70 mm ²
OXSU-F 5131	70 – 240 mm ²
OXSU-F 5141	185 – 400 mm ²
OXSU-F 5151	400 – 800 mm ²
OXSU-F 5161	1000 – 1200 mm ²

Raychem

36kV

IXSU-F/OXSU-F Single Core - Termination Family



Indoor



Outdoor

Kit Number	Cross Section	Kit Number	Cross Section
IXSU-F 6131	50 – 120 mm ²	OXSU-F 6131	50 – 120 mm ²
IXSU-F 6141	120 – 400 mm ²	OXSU-F 6141	120 – 400 mm ²
IXSU-F 6151	400 – 800 mm ²	OXSU-F 6151	400 – 800 mm ²

3-CORE TRIFURCATION KITS FOR IXSU / OXSU TERMINATIONS

After selecting your single core termination (from the previous selection charts), simply select the appropriate trifurcation kit (below) to create a 3-core termination

For 6.6kV Terminations

Part number	Cable size	Part number	Cable size
TFK-6.6-16-35	16 - 35mm ²	TFK-11-16-25	16 - 25mm ²
TFK-6.6-50-95	50 - 95mm ²	TFK-11-35-70	35 - 70mm ²
TFK-6.6-120-185	120 - 185mm ²	TFK-11-95-240	95 - 240mm ²
TFK-6.6-240-400	240 - 400mm ²	TFK-11-300-400	300 - 400mm ²

For 11kV Terminations

For 22kV Terminations

Part number	Cable size	Part number	Cable size
TFK-22-35-50	35 - 50mm ²	TFK-33-50-95	50 - 95mm ²
TFK-22-70-185	70 - 185mm ²	TFK-33-120-185	120 - 185mm ²
TFK-22-240-300	240 - 300mm ²	TFK-33-240-300	240 - 300mm ²

For 33kV Terminations

For other cable sizes please contact our office.