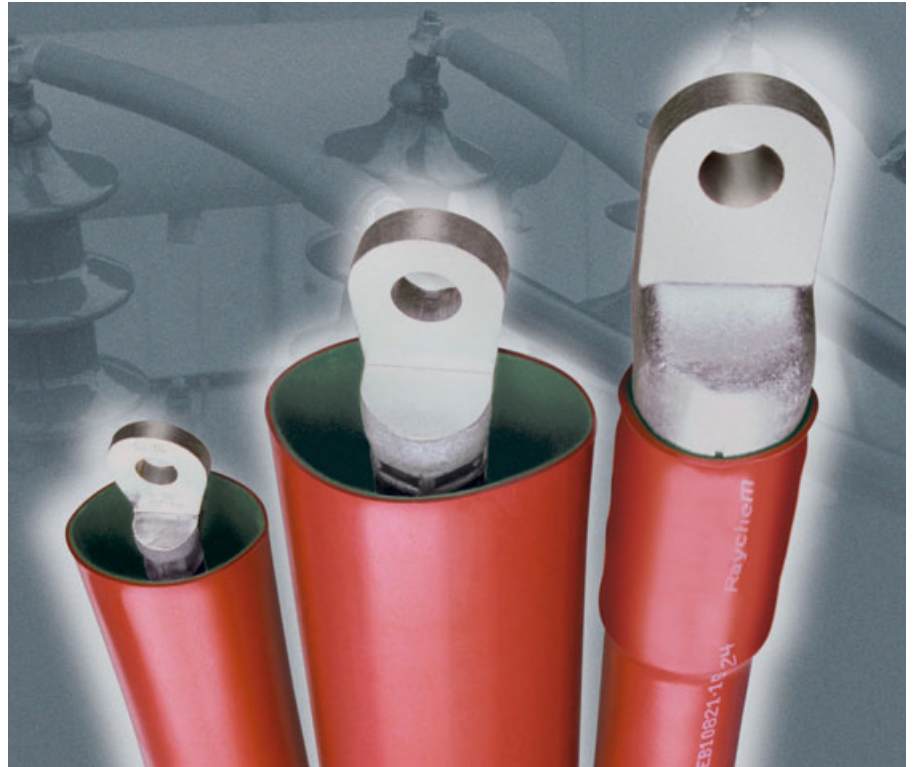


Selection guide IXSU-F/OXSU-F termination family up to 42 kV

Features

- No sheds for indoor terminations up to 42 kV
- 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



12 kV

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

IXSU-F/OXSU-F Screened 3-core without armour – termination family



Indoor



Outdoor

Kit number	Tail length	Cross section
IXSU-F 3301	450 mm	10 – 16 mm ²
IXSU-F 3304	1200 mm	
IXSU-F 3311	450 mm	16 – 35 mm ²
IXSU-F 3314	1200 mm	
IXSU-F 3321	450 mm	25 – 70 mm ²
IXSU-F 3324	1200 mm	
IXSU-F 3331	450 mm	95 – 240 mm ²
IXSU-F 3334	1200 mm	
IXSU-F 3341	450 mm	240 – 500 mm ²
IXSU-F 3344	1200 mm	

Kit number	Tail length	Cross section
OXSU-F 3301	450 mm	10 – 16 mm ²
OXSU-F 3304	1200 mm	
OXSU-F 3311	450 mm	16 – 35 mm ²
OXSU-F 3314	1200 mm	
OXSU-F 3321	450 mm	25 – 70 mm ²
OXSU-F 3324	1200 mm	
OXSU-F 3331	450 mm	95 – 240 mm ²
OXSU-F 3334	1200 mm	
OXSU-F 3341	450 mm	240 – 500 mm ²
OXSU-F 3344	1200 mm	

17.5 kV

IXSU-F/OXSU-F Single core – termination family



Indoor



Outdoor

Kit number	Cross section
IXSU-F 4111	16 – 25 mm ²
IXSU-F 4121	35 – 95 mm ²
IXSU-F 4131	95 – 240 mm ²
IXSU-F 4141	240 – 400 mm ²
IXSU-F 4151	400 – 800 mm ²

Kit number	Cross section
OXSU-F 4111	16 – 25 mm ²
OXSU-F 4121	35 – 95 mm ²
OXSU-F 4131	95 – 240 mm ²
OXSU-F 4141	240 – 400 mm ²
OXSU-F 4151	400 – 800 mm ²

IXSU-F/OXSU-F Screened 3-core without armour – termination family



Indoor



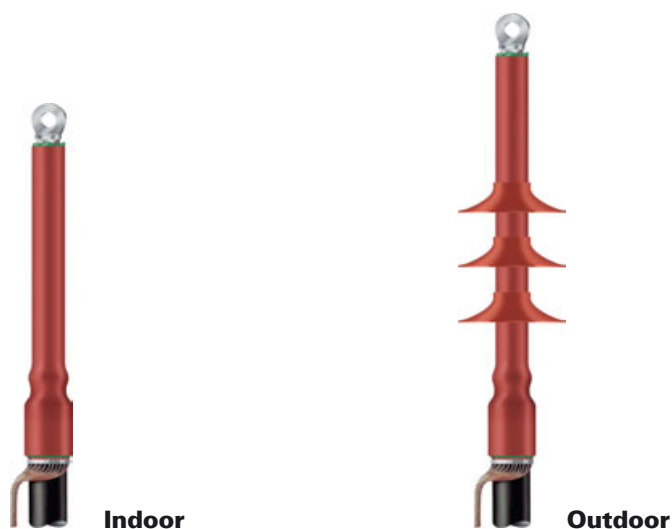
Outdoor

Kit number	Tail length	Cross section
IXSU-F 4321	450 mm	25 - 50 mm ²
IXSU-F 4324	1200 mm	
IXSU-F 4331	450 mm	70 - 185 mm ²
IXSU-F 4334	1200 mm	
IXSU-F 4341	450 mm	185 - 400 mm ²
IXSU-F 4344	1200 mm	

Kit number	Tail length	Cross section
OXSU-F 4321	450 mm	25 - 50 mm ²
OXSU-F 4324	1200 mm	
OXSU-F 4331	450 mm	70 - 185 mm ²
OXSU-F 4334	1200 mm	
OXSU-F 4341	450 mm	185 - 400 mm ²
OXSU-F 4344	1200 mm	

24 kV

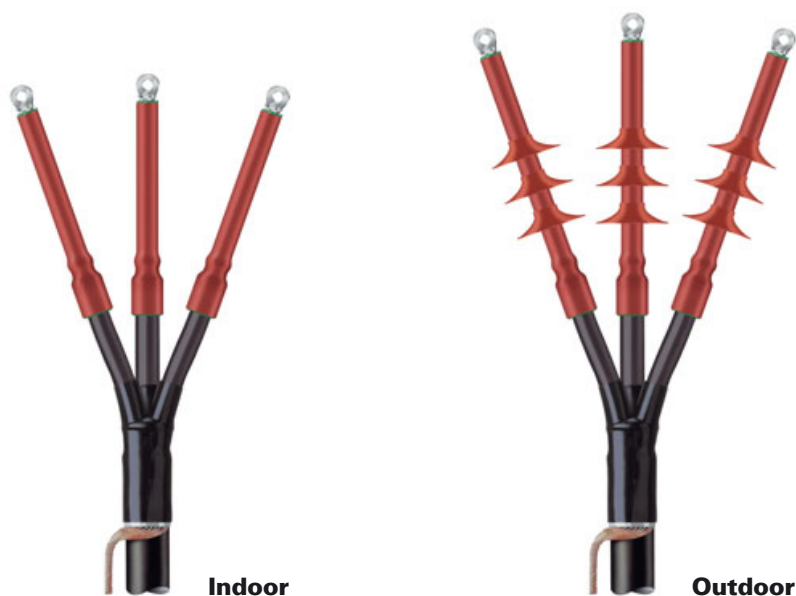
IXSU-F/OXSU-F Single core – termination family



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

IXSU-F/OXSU-F Screened 3-core without armour – termination family

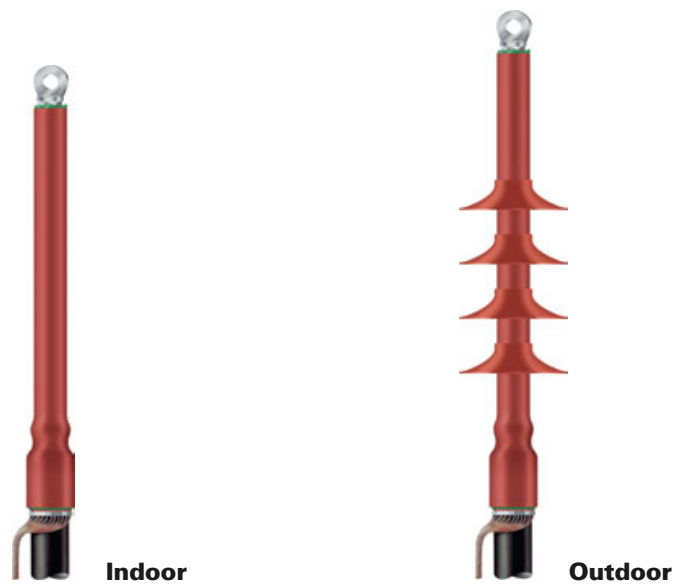


Kit number	Tail length	Cross section
IXSU-F 5311	450 mm	10 – 25 mm ²
IXSU-F 5314	1200 mm	
IXSU-F 5321	450 mm	25 – 50 mm ²
IXSU-F 5324	1200 mm	
IXSU-F 5331	450 mm	70 – 185 mm ²
IXSU-F 5334	1200 mm	
IXSU-F 5341	450 mm	185 – 400 mm ²
IXSU-F 5344	1200 mm	

Kit number	Tail length	Cross section
OXSU-F 5311	450 mm	10 – 25 mm ²
OXSU-F 5314	1200 mm	
OXSU-F 5321	450 mm	25 – 50 mm ²
OXSU-F 5324	1200 mm	
OXSU-F 5331	450 mm	70 – 185 mm ²
OXSU-F 5334	1200 mm	
OXSU-F 5341	450 mm	185 – 400 mm ²
OXSU-F 5344	1200 mm	

36 kV

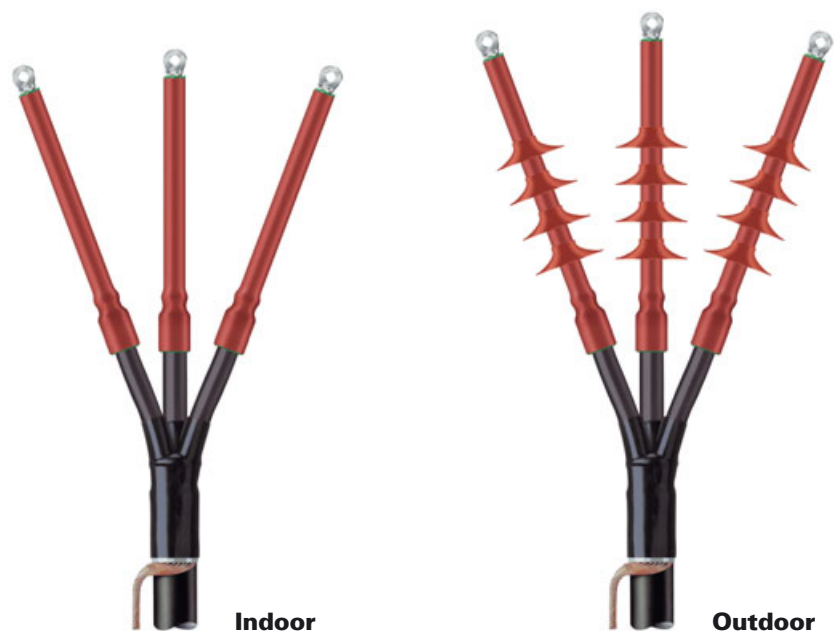
IXSU-F/OXSU-F Single core – termination family



Kit number	Cross section
IXSU-F 6131	50 – 120 mm ²
IXSU-F 6141	150 – 400 mm ²
IXSU-F 6151	500 – 800 mm ²

Kit number	Cross section
OXSU-F 6131	50 – 120 mm ²
OXSU-F 6141	150 – 400 mm ²
OXSU-F 6151	500 – 800 mm ²

IXSU-F/OXSU-F Screened 3-core without armour – termination family



Kit number	Tail length	Cross section
IXSU-F 6332	650 mm	50 – 120 mm ²
IXSU-F 6334	1200 mm	
IXSU-F 6342	650 mm	150 – 300 mm ²
IXSU-F 6344	1200 mm	
IXSU-F 6352	650 mm	400 – 500 mm ²
IXSU-F 6354	1200 mm	

Kit number	Tail length	Cross section
OXSU-F 6332	650 mm	50 – 120 mm ²
OXSU-F 6334	1200 mm	
OXSU-F 6342	650 mm	150 – 300 mm ²
OXSU-F 6344	1200 mm	
OXSU-F 6352	650 mm	400 – 500 mm ²
OXSU-F 6354	1200 mm	

42 kV

IXSU-F/OXSU-F Single core – termination family



Indoor



Outdoor

Kit number	Cross section
IXSU-F 7121	35 mm ²
IXSU-F 7131	50 – 120 mm ²
IXSU-F 7141	150 – 300 mm ²
IXSU-F 7151	400 – 500 mm ²

Kit number	Cross section
OXSU-F 7131	50 – 120 mm ²
OXSU-F 7141	150 – 300 mm ²
OXSU-F 7151	400 – 500 mm ²

IXSU-F/OXSU-F Screened 3-core without armour – termination family



Indoor



Outdoor

Kit number	Tail length	Cross section
IXSU-F 7334	1200 mm	50 – 120 mm ²
IXSU-F 7344	1200 mm	150 – 300 mm ²

Kit number	Tail length	Cross section
OXSU-F 7334	1200 mm	50 – 120 mm ²
OXSU-F 7344	1200 mm	150 – 300 mm ²

Solderless earthing connection EAKT-16xx for single and 3-core polymeric cables up to 42 kV (set of 3)

Diameter over metal tape shield	Application range mm ²				Raychem part number	Mod. code number
	12 kV	17.5 kV	24 kV	36 kV/42 kV		
12 – 18 mm	16 – 50	16 – 25	—	—	EAKT-1655	G55
19 – 24 mm	70 – 150	35 – 95	25 – 70	25 – 35	EAKT-1656	G56
25 – 30 mm	185 – 240	120 – 185	95 – 150	50 – 70	EAKT-1657	G57
31 – 44 mm	300 – 630	240 – 500	185 – 500	95 – 300	EAKT-1658	G58
41 – 65 mm	800 – 1000	630 – 1000	630 – 1000	400 – 1000	EAKT-1659	G59

The accessory kit can be ordered individually by using the Raychem part number EAKT-16xx, or in conjunction with the termination kit by adding the Mod. code number Gxx to the appropriate termination kit number.

Example:

IXSU-F5331-G58 termination for 3-core polymeric cables 24 kV with solderless earthing connection.

Armour earthing assemblies (clamping ring) EAKT-16xx for single core polymeric cables up to 42 kV (set of 3)

Diameter over armour	Application range mm ²				Raychem part number	Mod. code number
	12 kV	17.5 kV	24 kV	36 kV/42 kV		
21 – 32 mm	16 – 70	16 – 50	16 – 50	—	EAKT-1636	G36
33 – 50 mm	95 – 400	70 – 400	70 – 300	16 – 185	EAKT-1637	G37
51 – 67 mm	500 – 800	500 – 800	400 – 800	240 – 630	EAKT-1638	G38

Armour earthing assemblies (clamping ring) EAKT-16xx for 3-core polymeric cables up to 42 kV

Diameter over armour	Application range mm ²				Raychem part number	Mod. code number
	12 kV	17.5 kV	24 kV	36 kV/42 kV		
40 – 67 mm	16 – 120	16 – 95	16 – 35	16 – 25	EAKT-1642	G42
50 – 86 mm	150 – 240	120 – 185	50 – 120	35 – 95	EAKT-1643	G43
60 – 94 mm	300 – 400	240 – 300	150 – 185	120 – 185	EAKT-1644	G44
70 – 110 mm	—	—	240 – 300	240 – 300	EAKT 1645	G45

The accessory kit can be ordered individually by using the Raychem part number EAKT-16xx, or in conjunction with the termination kit by adding the Mod. code number Gxx to the appropriate termination kit number.

Example:

IXSU-F5331-G43 termination for 3-core polymeric cables 24 kV with armour earthing assembly.

Raychem

tyco

Electronics

Tyco Electronics Raychem GmbH, Energy Division
Finsinger Feld 1, 85521 Ottobrunn/Munich, Germany
Phone: +49-89-6089-0, Fax: +49-89-6096345
<http://energy.tycoelectronics.com>

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 is a trademark.

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