



Energy Division

## Raychem heat-shrinkable medium voltage terminations IXSU-F/OXSU-F

# Raychem heat-shrinkable medium voltage terminations IXSU-F/OXSU-F for indoor and outdoor applications for polymeric cables up to 42 kV

Raychem heat-shrinkable medium voltage terminations IXSU-F/OXSU-F are widely acknowledged in the industry and feature an unique integrated ZnO-based stress control system, flexibility of usage for crimp or mechanical lugs, unlimited shelf life and range-taking kits.

## The material makes the difference

Tyco Electronics Raychem cable accessories have been used by utilities and industrial companies around the world for more than 35 years. Our continuing experience in the field has made Tyco Electronics Energy Division a leader in materials science and technology for medium-voltage cable accessories applications. Our materials technology is at the core in the development of our range of heat shrink terminations. The materials used in Raychem cable accessories have been extensively optimized for design and function, manufacturing and the wide range of possible service environments.

## Designed for both indoor and outdoor applications

The components combine to provide the important functions required for all medium voltage products: electrical performance, stress control and moisture sealing. The proprietary materials used in our cable accessories are designed for optimized manufacturing, and to provide exceptional product performance in the harshest of service environments.

Variations and differences can exist amongst base polymer grades and additives. Compounds consist of polymers, additives and fillers that highly influence the properties of the base material. The formulation, the compounding procedures, material processing, product design and assembly all contribute to the overall product performance.

## Polymeric insulation

The materials used in the Raychem termination generation of products have undergone many years of development, yielding a polymeric material with outstanding electrical and weathering properties. The formulation is based on polymer compounds, and has proven to be stable and functional over several decades under severe environmental conditions. The formulation offers exceptional tracking and erosion resistance, mechanical strength, weatherability and dielectric properties.

## One piece termination

The Raychem stress control material IXSU-F/OXSU-F is a recently formulated electrical stress control compound, that is based on extensive experience with Raychem ceramic semiconductor technology (ZnO). The ZnO-based stress control system is integrated in heat-shrinkable insulating tubing. This stress control system fills any irregularities, bonds to the insulation and provides superb electrical performance.

## Product range

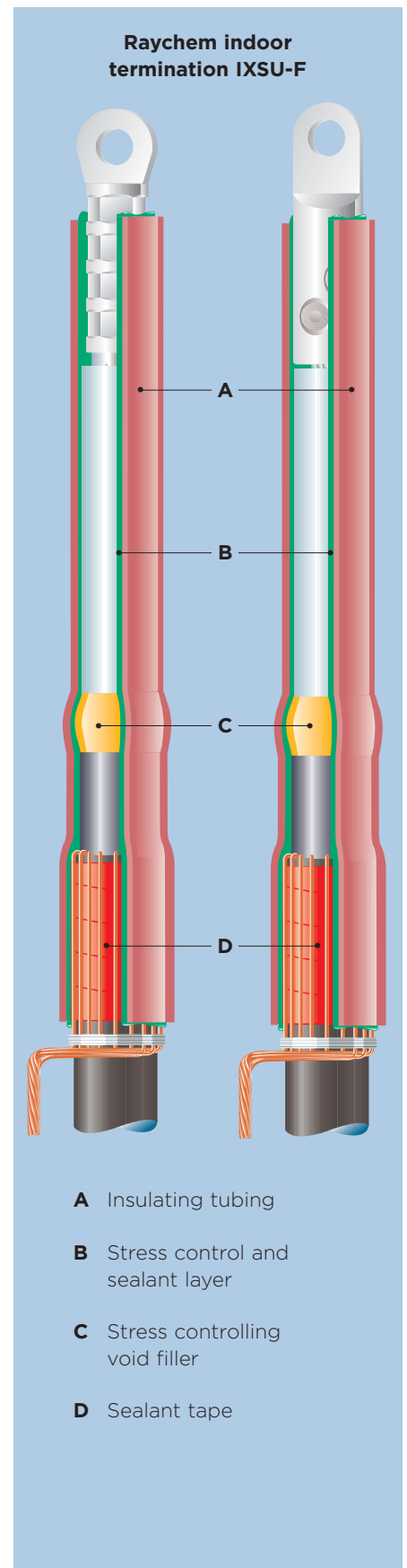
The product line is designed for polymer cables from 10 to 1200 mm<sup>2</sup> and up to 42 kV. This coverage is achieved with a minimum number of design variants.

The products are fully tested in accordance with IEEE-48, IEC 60502-4 and the CENELEC HD629.1S1 specification.

For cable box applications, the Raychem termination IXSU-F can be combined with either Raychem elastomeric bushing boot (RCAB) or Raychem insulated connection system (RICS) to fit most types of switchgear bushing currently available.

For pole top applications, we can supply Raychem termination OXSU-F along with polymeric support insulators (EPBI), Polygarde metal oxide surge arresters (HDA), and most fittings required for installation.

All raw materials of Raychem IXSU-F/OXSU-F are fully traceable.



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## Kit content

Each kit consists of the insulation tubing including coextruded stress control material, sealant tapes and installation instructions.

For 3-core cables, the kit also includes a conductive breakout and tubing for custom core length. For special applications please contact your local sales representative.

## Installation

Each kit contains easy-to-follow installation instructions with visuals of the installation steps.

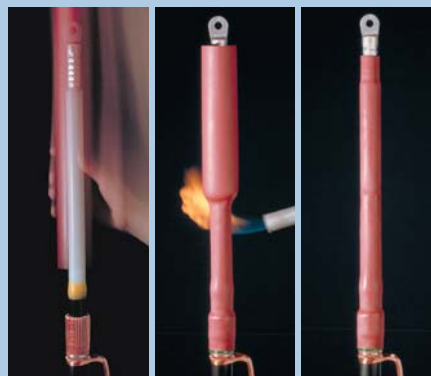
- 1 Raychem terminations IXSU-F with Raychem elastomeric bushing boot (RCAB) connecting 17.5 kV plastic cables to a switchgear substation
- 2 Raychem terminations IXSU-F with Raychem insulated connection system (RICS) connecting 24 kV plastic cables to a switchgear substation
- 3 Installation of 24 kV terminations
- 4 Overhead line connections for 24 kV using Raychem terminations OXSU-F and polymeric support insulators (EPBI)
- 5 Raychem terminations IXSU-F connecting 24 kV plastic cables to a substation transformer
- 6 Raychem terminations IXSU-F for 36 kV transformer connections
- 7 The slim compact Raychem IXSU-F system in a 12 kV transformer for propulsion motor on a ship



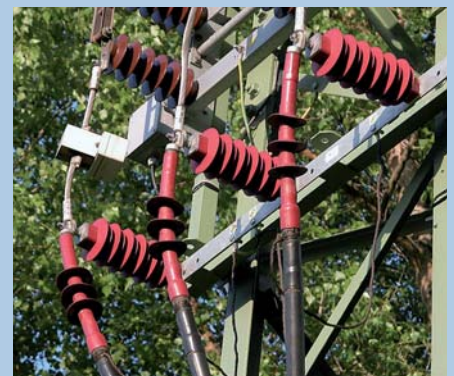
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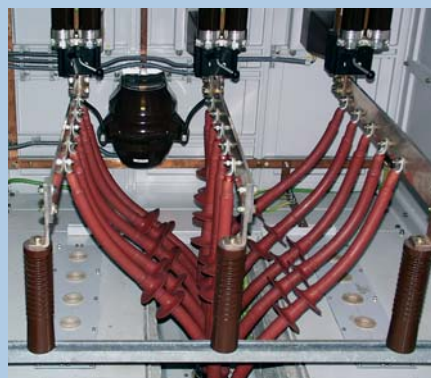
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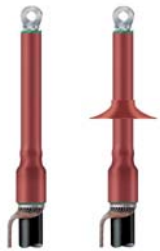
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# Raychem heat-shrinkable medium voltage terminations IXSU-F/OXSU-F for indoor and outdoor applications for polymeric cables up to 42 kV

## 12 kV



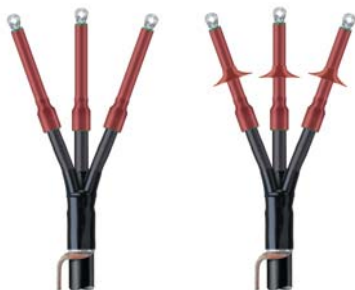
### Termination for crimp lug Screened single core plastic and rubber cable

Cross section [mm <sup>2</sup> ]	Kit number Indoor	Kit number Outdoor	Diameter over insulation HD 620 A2 [mm]
10 - 35	IXSU-F 3111	OXSU-F 3111	16.3
25 - 95	IXSU-F 3121	OXSU-F 3121	13.7 - 20.8
95 - 240	IXSU-F 3131	OXSU-F 3131	18.6 - 28.4
240 - 500	IXSU-F 3141	OXSU-F 3141	25.7 - 36.2
500 - 800	IXSU-F 3151	OXSU-F 3151	34.0 - 42.2
800 - 1200	IXSU-F 3161	OXSU-F 3161	39.5 - 50.0

### Termination with mechanical lug BLMT Screened single core plastic and rubber cable

Cross section [mm <sup>2</sup> ]	Kit number Indoor	Kit number Outdoor	Diameter over insulation HD 620 A2 [mm]
25 - 35	IXSU-F3111-ML-1-13	OXSU-F3111-ML-1-13	13.7 - 16.3
	IXSU-F3111-ML-1-17	OXSU-F3111-ML-1-17	
25 - 95	IXSU-F3121-ML-1-13	OXSU-F3121-ML-1-13	13.7 - 20.8
	IXSU-F3121-ML-1-17	OXSU-F3121-ML-1-17	
95 - 240	IXSU-F3131-ML-4-13	OXSU-F3131-ML-4-13	18.6 - 28.4
	IXSU-F3131-ML-4-17	OXSU-F3131-ML-4-17	
120 - 300	IXSU-F3131-ML-5-13	OXSU-F3131-ML-5-13	20.1 - 30.4
	IXSU-F3131-ML-5-17	OXSU-F3131-ML-5-17	
185 - 400	IXSU-F3141-ML-6-13	OXSU-F3141-ML-6-13	23.2 - 33.6
	IXSU-F3141-ML-6-17	OXSU-F3141-ML-6-17	
500 - 630	IXSU-F3151-ML-7-17	OXSU-F3151-ML-7-17	34.4 - 40.0
	IXSU-F3151-ML-7-21	OXSU-F3151-ML-7-21	

## 12 kV



### Termination for crimp lug Screened 3-core plastic and rubber cable without armour

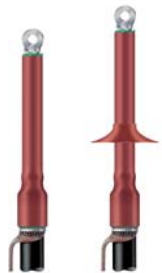
Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
10 - 16	450	IXSU-F 3301	OXSU-F 3301
	1200	IXSU-F 3304	OXSU-F 3304
16 - 35	450	IXSU-F 3311	OXSU-F 3311
	1200	IXSU-F 3314	OXSU-F 3314
25 - 70	450	IXSU-F 3321	OXSU-F 3321
	1200	IXSU-F 3324	OXSU-F 3324
95 - 240	450	IXSU-F 3331	OXSU-F 3331
	1200	IXSU-F 3334	OXSU-F 3334
240 - 500	450	IXSU-F 3341	OXSU-F 3341
	1200	IXSU-F 3344	OXSU-F 3344

### Termination with mechanical lug BLMT Screened 3-core plastic and rubber cable without armour

Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
25 - 35	450	IXSU-F3311-ML-1-13	OXSU-F3311-ML-1-13
		IXSU-F3311-ML-1-17	OXSU-F3311-ML-1-17
	1200	IXSU-F3314-ML-1-13	OXSU-F3314-ML-1-13
		IXSU-F3314-ML-1-17	OXSU-F3314-ML-1-17
25 - 70	450	IXSU-F3321-ML-1-13	OXSU-F3321-ML-1-13
		IXSU-F3321-ML-1-17	OXSU-F3321-ML-1-17
	1200	IXSU-F3324-ML-1-13	OXSU-F3324-ML-1-13
		IXSU-F3324-ML-1-17	OXSU-F3324-ML-1-17
95 - 240	450	IXSU-F3331-ML-4-13	OXSU-F3331-ML-4-13
		IXSU-F3331-ML-4-17	OXSU-F3331-ML-4-17
	1200	IXSU-F3334-ML-4-13	OXSU-F3334-ML-4-13
		IXSU-F3334-ML-4-17	OXSU-F3334-ML-4-17
300 - 400	450	IXSU-F3341-ML-6-13	OXSU-F3341-ML-6-13
		IXSU-F3341-ML-6-17	OXSU-F3341-ML-6-17
	1200	IXSU-F3341-ML-6-21	OXSU-F3341-ML-6-21
		IXSU-F3344-ML-6-13	OXSU-F3344-ML-6-13
		IXSU-F3344-ML-6-17	OXSU-F3344-ML-6-17
		IXSU-F3344-ML-6-21	OXSU-F3344-ML-6-21

# Raychem heat-shrinkable medium voltage terminations IXSU-F/OXSU-F for indoor and outdoor applications for polymeric cables up to 42 kV

## 17.5 kV



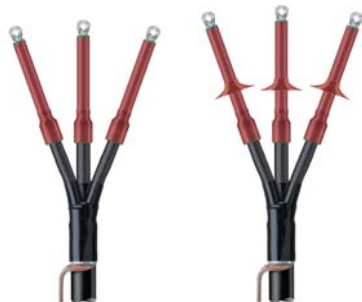
### Termination for crimp lug Screened single core plastic and rubber cable

Cross section [mm <sup>2</sup> ]	Kit number Indoor	Kit number Outdoor	Diameter over insulation HD 620 A2 [mm]
25	IXSU-F 4111	OXSU-F 4111	15.7
35 - 95	IXSU-F 4121	OXSU-F 4121	16.8 - 22.8
95 - 240	IXSU-F 4131	OXSU-F 4131	20.7 - 30.4
240 - 400	IXSU-F 4141	OXSU-F 4141	27.7 - 35.6
400 - 800	IXSU-F 4151	OXSU-F 4151	33.1 - 44.5

### Termination with mechanical lug BLMT Screened single core plastic and rubber cable

Cross section [mm <sup>2</sup> ]	Kit number Indoor	Kit number Outdoor	Diameter over insulation HD 620 A2 [mm]
25	IXSU-F4111-ML-1-13 IXSU-F4111-ML-1-17	OXSU-F4111-ML-1-13 OXSU-F4111-ML-1-17	15.7
25 - 95	IXSU-F4121-ML-1-13 IXSU-F4121-ML-1-17	OXSU-F4121-ML-1-13 OXSU-F4121-ML-1-17	15.7 - 22.8
95 - 240	IXSU-F4131-ML-4-13 IXSU-F4131-ML-4-17	OXSU-F4131-ML-4-13 OXSU-F4131-ML-4-17	20.7 - 30.4
185 - 400	IXSU-F4141-ML-6-13 IXSU-F4141-ML-6-17 IXSU-F4141-ML-6-21	OXSU-F4141-ML-6-13 OXSU-F4141-ML-6-17 OXSU-F4141-ML-6-21	25.2 - 35.6
500 - 630	IXSU-F4151-ML-7-17 IXSU-F4151-ML-7-21	OXSU-F4151-ML-7-17 OXSU-F4151-ML-7-21	35.9 - 41.9

## 17.5 kV



### Termination for crimp lug Screened 3-core plastic and rubber cable without armour

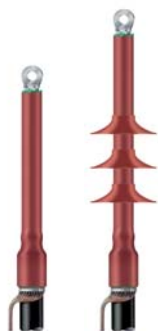
Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
25 - 50	450	IXSU-F 4321	OXSU-F 4321
	1200	IXSU-F 4324	OXSU-F 4324
70 - 185	450	IXSU-F 4331	OXSU-F 4331
	1200	IXSU-F 4334	OXSU-F 4334
185 - 400	450	IXSU-F 4341	OXSU-F 4341
	1200	IXSU-F 4344	OXSU-F 4344

### Termination with mechanical lug BLMT Screened 3-core plastic and rubber cable without armour

Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
25 - 50	450	IXSU-F4321-ML-1-13	OXSU-F4321-ML-1-13
		IXSU-F4321-ML-1-17	OXSU-F4321-ML-1-17
	1200	IXSU-F4324-ML-1-13	OXSU-F4324-ML-1-13
		IXSU-F4324-ML-1-17	OXSU-F4324-ML-1-17
70 - 185	450	IXSU-F4331-ML-4-13	OXSU-F4331-ML-4-13
		IXSU-F4331-ML-4-17	OXSU-F4331-ML-4-17
	1200	IXSU-F4334-ML-4-13	OXSU-F4334-ML-4-13
		IXSU-F4334-ML-4-17	OXSU-F4334-ML-4-17
185 - 400	450	IXSU-F4341-ML-6-13	OXSU-F4341-ML-6-13
		IXSU-F4341-ML-6-17	OXSU-F4341-ML-6-17
	1200	IXSU-F4341-ML-6-21	OXSU-F4341-ML-6-21
		IXSU-F4344-ML-6-13	OXSU-F4344-ML-6-13
		IXSU-F4344-ML-6-17	OXSU-F4344-ML-6-17
		IXSU-F4344-ML-6-21	OXSU-F4344-ML-6-21

# Raychem heat-shrinkable medium voltage terminations IXSU-F/OXSU-F for indoor and outdoor applications for polymeric cables up to 42 kV

## 24 kV



### Termination for crimp lug Screened single core plastic and rubber cable

Cross section [mm <sup>2</sup> ]	Kit number Indoor	Kit number Outdoor	Diameter over insulation HD 620 A2 [mm]
25 - 70	IXSU-F 5121	OXSU-F 5121	17.9 - 23.4
70 - 240	IXSU-F 5131	OXSU-F 5131	21.9 - 32.6
185 - 400	IXSU-F 5141	OXSU-F 5141	27.4 - 37.8
400 - 800	IXSU-F 5151	OXSU-F 5151	35.1 - 46.9
1000 - 1200	IXSU-F 5161	OXSU-F 5161	49.4 - 56.0

### Termination with mechanical lug BLMT Screened single core plastic and rubber cable

Cross section [mm <sup>2</sup> ]	Kit number Indoor	Kit number Outdoor	Diameter over insulation HD 620 A2 [mm]
25 - 95	IXSU-F5121-ML-1-13 IXSU-F5121-ML-1-17	OXSU-F5121-ML-1-13 OXSU-F5121-ML-1-17	17.9 - 25.0
95 - 240	IXSU-F5131-ML-4-13 IXSU-F5131-ML-4-17	OXSU-F5131-ML-4-13 OXSU-F5131-ML-4-17	23.0 - 32.6
120 - 300	IXSU-F5131-ML-5-13 IXSU-F5131-ML-5-17	OXSU-F5131-ML-5-13 OXSU-F5131-ML-5-17	24.3 - 34.6
185 - 400	IXSU-F5141-ML-6-13 IXSU-F5141-ML-6-17 IXSU-F5141-ML-6-21	OXSU-F5141-ML-6-13 OXSU-F5141-ML-6-17 OXSU-F5141-ML-6-21	27.4 - 37.8
500 - 630	IXSU-F5151-ML-7-17 IXSU-F5151-ML-7-21	OXSU-F5151-ML-7-17 OXSU-F5151-ML-7-21	37.9 - 44.0

## 24 kV



### Termination for crimp lug Screened 3-core plastic and rubber cable without armour

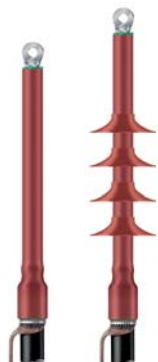
Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
10 - 25	450	IXSU-F 5311	OXSU-F 5311
	1200	IXSU-F 5314	OXSU-F 5314
25 - 50	450	IXSU-F 5321	OXSU-F 5321
	1200	IXSU-F 5324	OXSU-F 5324
70 - 185	450	IXSU-F 5331	OXSU-F 5331
	1200	IXSU-F 5334	OXSU-F 5334
185 - 400	450	IXSU-F 5341	OXSU-F 5341
	1200	IXSU-F 5344	OXSU-F 5344

### Termination with mechanical lug BLMT Screened 3-core plastic and rubber cable without armour

Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
25 - 50	450	IXSU-F5321-ML-1-13	OXSU-F5321-ML-1-13
		IXSU-F5321-ML-1-17	OXSU-F5321-ML-1-17
	1200	IXSU-F5324-ML-1-13	OXSU-F5324-ML-1-13
		IXSU-F5324-ML-1-17	OXSU-F5324-ML-1-17
95 - 185	450	IXSU-F5331-ML-4-13	OXSU-F5331-ML-4-13
		IXSU-F5331-ML-4-17	OXSU-F5331-ML-4-17
	1200	IXSU-F5334-ML-4-13	OXSU-F5334-ML-4-13
		IXSU-F5334-ML-4-17	OXSU-F5334-ML-4-17
185 - 400	450	IXSU-F5341-ML-6-13	OXSU-F5341-ML-6-13
		IXSU-F5341-ML-6-17	OXSU-F5341-ML-6-17
		IXSU-F5341-ML-6-21	OXSU-F5341-ML-6-21
	1200	IXSU-F5344-ML-6-13	OXSU-F5344-ML-6-13
		IXSU-F5344-ML-6-17	OXSU-F5344-ML-6-17
		IXSU-F5344-ML-6-21	OXSU-F5344-ML-6-21

# Raychem heat-shrinkable medium voltage terminations IXSU-F/OXSU-F for indoor and outdoor applications for polymeric cables up to 42 kV

## 36 kV



### Termination for crimp lug Screened single core plastic and rubber cable

Cross section [mm <sup>2</sup> ]	Kit number Indoor	Kit number Outdoor	Diameter over insulation HD 620 A2 [mm]
50 - 120	IXSU-F 6131	OXSU-F 6131	24.5 - 32.0
150 - 400	IXSU-F 6141	OXSU-F 6141	30.8 - 42.8
500 - 800	IXSU-F 6151	OXSU-F 6151	42.6 - 53.4

### Termination with mechanical lug BLMT Screened single core plastic and rubber cable

Cross section [mm <sup>2</sup> ]	Kit number Indoor	Kit number Outdoor	Diameter over insulation HD 620 A2 [mm]
35 - 120	IXSU-F6131-ML-2-13	OXSU-F6131-ML-2-13	24.0 - 32.0
150 - 300	IXSU-F6141-ML-5-13	OXSU-F6141-ML-5-13	30.8 - 39.6
	IXSU-F6141-ML-5-17	OXSU-F6141-ML-5-17	
185 - 400	IXSU-F6141-ML-6-13	OXSU-F6141-ML-6-13	32.4 - 42.8
	IXSU-F6141-ML-6-17	OXSU-F6141-ML-6-17	
	IXSU-F6141-ML-6-21	OXSU-F6141-ML-6-21	
500 - 630	IXSU-F6151-ML-7-17	OXSU-F6151-ML-7-17	42.6 - 49.2
	IXSU-F6151-ML-7-21	OXSU-F6151-ML-7-21	

## 36 kV



### Termination for crimp lug Screened 3-core plastic and rubber cable without armour

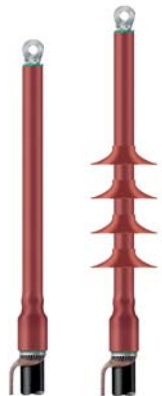
Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
50 - 120	650	IXSU-F 6332	OXSU-F 6332
	1200	IXSU-F 6334	OXSU-F 6334
150 - 300	650	IXSU-F 6342	OXSU-F 6342
	1200	IXSU-F 6344	OXSU-F 6344
400 - 500	650	IXSU-F 6352	OXSU-F 6352
	1200	IXSU-F 6354	OXSU-F 6354

### Termination with mechanical lug BLMT Screened 3-core plastic and rubber cable without armour

Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
50 - 120	650	IXSU-F6332-ML-2-13	OXSU-F6332-ML-2-13
	1200	IXSU-F6334-ML-2-13	OXSU-F6334-ML-2-13
150 - 300	650	IXSU-F6342-ML-5-13	OXSU-F6342-ML-5-13
		IXSU-F6342-ML-5-17	OXSU-F6342-ML-5-17
	1200	IXSU-F6344-ML-5-13	OXSU-F6344-ML-5-13
		IXSU-F6344-ML-5-17	OXSU-F6344-ML-5-17
400	650	IXSU-F6352-ML-6-13	OXSU-F6352-ML-6-13
		IXSU-F6352-ML-6-17	OXSU-F6352-ML-6-17
		IXSU-F6352-ML-6-21	OXSU-F6352-ML-6-21
	1200	IXSU-F6354-ML-6-13	OXSU-F6354-ML-6-13
		IXSU-F6354-ML-6-17	OXSU-F6354-ML-6-17
		IXSU-F6354-ML-6-21	OXSU-F6354-ML-6-21

# Raychem heat-shrinkable medium voltage terminations IXSU-F/OXSU-F for indoor and outdoor applications for polymeric cables up to 42 kV

## 42 kV



### Termination for crimp lug Screened single core plastic and rubber cable

Cross section [mm <sup>2</sup> ]	Kit number Indoor	Kit number Outdoor	Diameter over insulation HD 620 A2 [mm]
35	IXSU-F 7121		26.0 - 27.5
50 - 120	IXSU-F 7131	OXSU-F 7131	27.2 - 34.0
150 - 300	IXSU-F 7141	OXSU-F 7141	33.5 - 41.6
400 - 500	IXSU-F 7151	OXSU-F 7151	42.8 - 47.6

### Termination with mechanical lug BLMT Screened single core plastic and rubber cable

Cross section [mm <sup>2</sup> ]	Kit number Indoor	Kit number Outdoor	Diameter over insulation HD 620 A2 [mm]
50 - 120	IXSU-F7131-ML-2-13	OXSU-F7131-ML-2-13	27.2 - 34.0
150 - 300	IXSU-F7141-ML-5-13 IXSU-F7141-ML-5-17	OXSU-F7141-ML-5-13 OXSU-F7141-ML-5-17	33.5 - 41.6
185 - 400	IXSU-F7151-ML-6-13 IXSU-F7151-ML-6-17 IXSU-F7151-ML-6-21	OXSU-F7151-ML-6-13 OXSU-F7151-ML-6-17 OXSU-F7151-ML-6-21	35.1 - 44.8
500 - 630	IXSU-F7151-ML-7-17 IXSU-F7151-ML-7-21	OXSU-F7151-ML-7-17 OXSU-F7151-ML-7-21	45.6 - 51.2

## 42 kV



### Termination for crimp lug Screened 3-core plastic and rubber cable without armour

Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
50 - 120	1200	IXSU-F 7334	OXSU-F 7334
150 - 300	1200	IXSU-F 7344	OXSU-F 7344

### Termination with mechanical lug BLMT Screened 3-core plastic and rubber cable without armour

Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
50 - 120	1200	IXSU-F7334-ML-2-13	OXSU-F7334-ML-2-13
150 - 300	1200	IXSU-F7344-ML-5-13 IXSU-F7344-ML-5-17	OXSU-F7344-ML-5-13 OXSU-F7344-ML-5-17

### Cordless impact wrench

For the installation of mechanical connectors a cordless impact wrench is available. For more details see brochure EPP 1297.



The application ranges given in the tables are based on polymeric insulated cables according to HD 620 A2: (2004) with stranded circular conductors. Due to different conductor dimensions and/or cable constructions the minimum and maximum application range may be extendable. Please contact your local sales representative.



## Raychem heat-shrinkable medium voltage terminations IXSU-F/OXSU-F for indoor and outdoor applications for polymeric cables up to 42 kV

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

Diameter over metal tape shield [mm]	Application range [mm <sup>2</sup> ]				Kit number	Mod. code number
	12 kV	17.5 kV	24 kV	36 kV/42 kV		
12 - 18	16 - 50	16 - 25	-	-	EAKT-1655	G55
19 - 24	70 - 150	35 - 95	25 - 70	25 - 35	EAKT-1656	G56
25 - 30	185 - 240	120 - 185	95 - 150	50 - 70	EAKT-1657	G57
31 - 44	300 - 630	240 - 500	185 - 500	95 - 300	EAKT-1658	G58
41 - 65	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:

Raychem termination IXSU-F5331-G58 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 [mm]	Application range [mm <sup>2</sup> ]				Kit number	Mod. code number
	12 kV	17.5 kV	24 kV	36 kV/42 kV		
21 - 32	16 - 70	16 - 50	16 - 50	-	EAKT-1636	G36
33 - 50	95 - 400	70 - 400	70 - 300	16 - 185	EAKT-1637	G37
51 - 67	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 [mm]	Application range [mm <sup>2</sup> ]				Kit number	Mod. code number
	12 kV	17.5 kV	24 kV	36 kV/42 kV		
40 - 67	16 - 120	16 - 95	16 - 35	16 - 25	EAKT-1642	G42
50 - 86	150 - 240	120 - 185	50 - 120	35 - 95	EAKT-1643	G43
60 - 94	300 - 400	240 - 300	150 - 185	120 - 185	EAKT-1644	G44
70 - 110	-	-	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:

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

## Raychem heat-shrinkable medium voltage terminations IXSU-F/OXSU-F for indoor and outdoor applications for polymeric cables up to 42 kV

Features	Benefits
High-quality termination material	Outstanding UV properties Exceptional track and erosion resistance Extremely hydrophobic High-quality, high-voltage insulation material
Unique zinc oxide-based stress control system	Superb high-impulse withstand performance
Integrated stress control over entire termination length	Ensures stress control system is correctly positioned
Designed for crimp and mechanical lugs	Flexibility
Compact design	Space saving
Range taking kit	Fewer kits for a wide range of cable sizes
No shelf life time limitation	Inventory reduction

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