

# TE'S RAYCHEM TERMINATIONS

FOR POLYMERIC AND MIND PAPER  
INSULATED CABLES FROM 7.2 KV  
UP TO 36 KV

## TE's Raychem Terminations

for Polymeric and MIND Paper Insulated Cables from  
7.2 kV up to 36 kV

This worksheet enables you to arrive at a part number for a Raychem termination EPKT.

Choose one figure from the left-hand column of each table.

### Typical part number:

EPKT- 17C3MOH3 B21 G43

Voltage ( $U_{max}$ )

Cable size

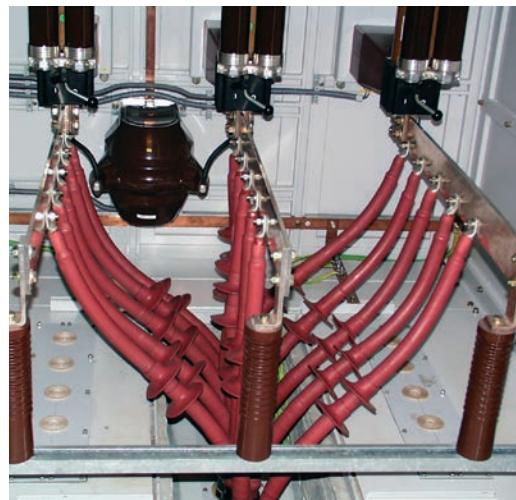
Number of cores

Dielectric

Location

Length (3-core-cables)

Accessories



#### VOLTAGE IN KV

<b>7</b>	for 7.2 kV
<b>17</b>	for 12 kV & 17.5 kV
<b>24</b>	for 24 kV
<b>36</b>	for 36 kV

SIZE IN MM <sup>2</sup>	7.2 kV	12 kV & 17.5 kV	24 kV	36 kV
<b>A</b>	16 - 50	16 - 25	-	-
<b>B</b>	70 - 120	35 - 70	25 - 50	-
<b>C</b>	150 - 240	95 - 240	70 - 185	50 - 95
<b>D</b>	300 - 500	300 - 400	240 - 300	120 - 185
<b>E</b>	630 - 1000	500 - 800	400 - 630	240 - 500
<b>F</b>	-	1000	800 - 1000	630 - 1000

#### NUMBER OF CORES

<b>1</b>	for single (1) core
<b>3</b>	for three (3) cores

#### DIELECTRIC OF INSULATION TYPE

<b>X</b>	for PLASTIC eg. XLPE, EPDM, EPR, etc.
<b>M</b>	for MIND non-draining paper (not applicable for draining paper cables)

#### LOCATION OF THE TERMINATION

<b>I</b>	for INDOOR
<b>O</b>	for OUTDOOR

#### LENGTH (ONLY 3-CORE) OF THE TERMINATED PORTION (TAIL)

<b>H1</b>	for 450 mm long
<b>H2</b>	for 650 mm long (min for 17.5 kV outdoor & 36 kV indoor)
<b>H3</b>	for 800 mm long (min for 24 kV outdoor & 36 kV outdoor)
<b>H4</b>	for 1200 mm long

## EPKT

Raychem Low Voltage Heat-shrink Terminations 3.6 kV

### 3.6 kV 3-core indoor and outdoor terminations

Product name	No of cores	Conductor size (mm <sup>2</sup> )	Part number
<b>650mm core tail length</b>			
EPKT 2042	3	25 – 50	796188-011
EPKT 2052	3	70 – 120	796194-000
EPKT 2062	3	150 – 240	796200-011
<b>850mm core tail length</b>			
EPKT 2043	3	25 – 50	796189-011
EPKT 2053	3	70 – 120	796195-011
EPKT 2063	3	150 – 240	796201-000
<b>1200mm core tail length</b>			
EPKT 2044	3	25 – 50	796190-000
EPKT 2054	3	70 – 120	796196-000
EPKT 2064	3	150 – 240	796202-000



#### Length of termination tail (3-core only)

for 450 mm = H1  
 for 650 mm = H2  
 for 800 mm = H3  
 for 1200 mm = H4

#### 7.2 kV 1-core indoor terminations for polymeric cables

Product name	Conductor size (mm <sup>2</sup> )	Part number
EPKT 7A1XI	16 – 50	369608-011
EPKT 7B1XI	70 – 120	034189-000
EPKT 7C1XI	150 – 240	882065-011
EPKT 7D1XI	300 – 500	769766-011
EPKT 7E1XI	630 – 1000	393728-000

#### 7.2 kV 1-core outdoor terminations for polymeric cables

Product name	Conductor size (mm <sup>2</sup> )	Part number
EPKT 7B1XO	70 – 120	240394-000
EPKT 7C1XO	150 – 240	519922-011
EPKT 7D1XO	300 – 500	318838-011
EPKT 7E1XO	630 – 1000	619899-011

#### 7.2 kV 3-core indoor terminations for polymeric cables

Product name	Conductor size (mm <sup>2</sup> )	Part number
EPKT 7C3XIH2	150 – 240	310407-011
EPKT 7C3XIH3	150 – 240	565544-011
EPKT 7D3XIH2	300 – 500	TBC

#### 7.2 kV 3-core outdoor terminations for polymeric cables

Product name	Conductor size (mm <sup>2</sup> )	Part number
EPKT 7C3XOH2	150 – 240	964985-000
EPKT 7D3XOH1	300 – 500	955857-000
EPKT 7D3XOH3	300 – 500	895086-000

## EPKT

Raychem Medium Voltage Heat-shrink Terminations 7.2 kV

#### FEATURES

- Universal termination family for 12-36 kV based on Raychem SCTM stress control technology
- Red non-tracking Raychem HVOT tubing provides excellent environmental protection

#### APPLICATION

- All applications for polymeric 1-core, 3-core, armoured and unarmoured cables
- Can be used in combination with Raychem RICS / RCAB / RSRB switchgear connection systems

#### CONFORMS TO

- Tested in accordance to CENELEC HD.629.1.S2:2006, IEC 60502-4 and IEEE 48



### Length of termination tail (3-core only)

for 450 mm = H1  
 for 650 mm = H2  
 for 800 mm = H3  
 for 1200 mm = H4

## EPKT

Raychem Medium Voltage Heat-shrink Terminations up to 17.5 kV

### FEATURES

- Universal termination family for 12-36 kV based on Raychem SCTM stress control technology
- Red non-tracking Raychem HVOT tubing provides excellent environmental protection

### APPLICATION

- All applications for polymeric and MIND paper on 1-core, 3-core, armoured and unarmoured cables
- Can be used in combination with Raychem RICS / RCAB / RSRB switchgear connection systems

### CONFORMS TO

- Tested in accordance to CENELEC HD.629.1.S2:2006, IEC 60502-4 and IEEE 48

### Raychem Medium Voltage Heat-shrink Terminations up to 17.5 kV

Product name	Conductor size (mm <sup>2</sup> )	Part number
<b>17.5 kV 1-core indoor terminations for polymeric cables</b>		
EPKT 17B1XI	35 – 70	500365-011
EPKT 17C1XI	95 – 240	068756-011
EPKT 17D1XI	300 – 400	328499-011
EPKT 17E1XI	500 – 800	027618-011
EPKT 17F1XI	1000	896210-011
<b>17.5 kV 1-core outdoor terminations for polymeric cables</b>		
EPKT 17B1XO	35 – 70	595847-011
EPKT 17C1XO	95 – 240	931928-011
EPKT 17D1XO	300 – 400	206772-011
EPKT 17E1XO	500 – 800	712995-011
EPKT 17F1XO	1000	051492-011
<b>17.5 kV 3-core indoor terminations for polymeric cables</b>		
EPKT 17A3XIH2	16 – 25	842908-011
EPKT 17A3XIH4	16 – 25	154667-011
EPKT 17B3XIH2	35 – 70	007825-011
EPKT 17B3XIH4	35 – 70	663811-011
EPKT 17C3XIH2	95 – 240	258166-011
EPKT 17C3XIH4	95 – 240	889147-011
EPKT 17D3XIH2	300 – 400	789902-011
EPKT 17D3XIH4	300 – 400	405002-011
<b>17.5 kV 3-core outdoor terminations for polymeric cables</b>		
EPKT 17A3XOH2	16 – 25	470454-000
EPKT 17A3XOH3	16 – 25	208196-000
EPKT 17B3XOH2	35 – 70	168183-011
EPKT 17B3XOH4	35 – 70	283692-011
EPKT 17C3XOH2	95 – 240	181259-011
EPKT 17C3XOH4	95 – 240	667923-000
EPKT 17D3XOH3	300 – 400	747026-000
EPKT 17D3XOH4	300 – 400	434873-011
<b>17.5 kV 3-core indoor terminations for paper cables</b>		
EPKT 17A3MIH2	16 – 25	818652-000
EPKT 17A3MIH4	16 – 25	251778-000
EPKT 17B3MIH2	35 – 70	085596-011
EPKT 17B3MIH4	35 – 70	006552-000
EPKT 17C3MIH2	95 – 240	025719-011
EPKT 17C3MIH4	95 – 240	835269-011
EPKT 17D3MIH2	300 – 400	321575-011
<b>17.5 kV 3-core outdoor terminations for paper cables</b>		
EPKT 17A3M0H2	16 – 25	468180-000
EPKT 17A3M0H4	16 – 25	TBC
EPKT 17B3M0H2	35 – 70	740131-011
EPKT 17B3M0H3	35 – 70	152178-000
EPKT 17C3M0H2	95 – 240	158810-011
EPKT 17C3M0H4	95 – 240	313358-011
EPKT 17D3M0H2	300 – 400	604082-011
EPKT 17D3M0H4	300 – 400	702854-011



### Length of termination tail (3-core only)

for 450 mm = H1  
 for 650 mm = H2  
 for 800 mm = H3  
 for 1200 mm = H4

## EPKT

Raychem Medium Voltage Heat-shrink Terminations up to 24 kV

### FEATURES

- Universal termination family for 12-36 kV based on Raychem SCTM stress control technology
- Red non-tracking Raychem HVOT tubing provides excellent environmental protection

### APPLICATION

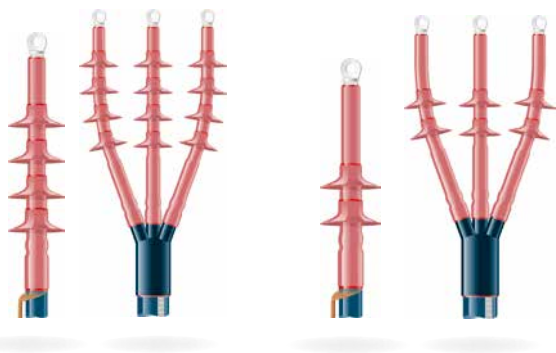
- All applications for polymeric and MIND paper on 1-core, 3-core, armoured and unarmoured cables
- Can be used in combination with Raychem RICS / RCAB / RSRB switchgear connection systems

### CONFORMS TO

- Tested in accordance to CENELEC HD.629.1.S2:2006, IEC 60502-4 and IEEE 48

### Raychem Medium Voltage Heat-shrink Terminations up to 24 kV

Product name	Conductor size (mm <sup>2</sup> )	Part number
<b>24 kV 1-core indoor terminations for polymeric cables</b>		
EPKT 24B1XI	25 – 50	562168-000
EPKT 24C1XI	70 – 185	922196-011
EPKT 24D1XI	240 – 300	451649-000
EPKT 24E1XI	400 – 630	975658-011
EPKT 24F1XI	800 – 1000	306994-000
<b>24 kV 1-core outdoor terminations for polymeric cables</b>		
EPKT 24B1XO	25 – 50	613670-011
EPKT 24C1XO	70 – 185	278218-011
EPKT 24D1XO	240 – 300	485566-000
EPKT 24E1XO	400 – 630	792760-011
EPKT 24F1XO	800 – 1000	844961-000
<b>24 kV 1-core indoor terminations for paper cables</b>		
EPKT 24B1MI	25 – 50	047852-000
EPKT 24C1MI	70 – 185	503845-000
EPKT 24D1MI	240 – 300	198763-000
<b>24 kV 3-core indoor terminations for polymeric cables</b>		
EPKT 24B3XIH2	25 – 50	658587-011
EPKT 24B3XIH3	25 – 50	TBC
EPKT 24C3XIH2	70 – 185	397856-011
EPKT 24C3XIH4	70 – 185	773849-000
EPKT 24D3XIH2	240 – 300	428150-011
<b>24 kV 3-core outdoor terminations for polymeric cables</b>		
EPKT 24B3XOH3	25 – 50	462038-011
EPKT 24C3XOH4	70 – 185	855463-011
EPKT 24D3XOH3	240 – 300	896693-011
<b>24 kV 3-core indoor terminations for paper cables</b>		
EPKT 24B3MIH2	25 – 50	957227-000
EPKT 24C3MIH2	70 – 185	136493-000
EPKT 24D3MIH2	240 – 300	724317-000
<b>24 kV 3-core outdoor terminations for paper cables</b>		
EPKT 24B3MOH3	25 – 50	483103-000
EPKT 24C3MOH3	70 – 185	499917-000
EPKT 24C3MOH4	70 – 185	915409-000
EPKT 24D3MOH3	240 – 300	516181-000
EPKT 24D3MOH4	240 – 300	013571-000



#### Length of termination tail (3-core only)

for 450 mm = H1  
 for 650 mm = H2  
 for 800 mm = H3  
 for 1200 mm = H4

## EPKT

Raychem Medium Voltage Heat-shrink Terminations up to 33 kV

#### FEATURES

- Universal termination family for 12-36 kV based on Raychem SCTM stress control technology
- Red non-tracking Raychem HVOT tubing provides excellent environmental protection

#### APPLICATION

- All applications for polymeric and MIND paper on 1-core, 3-core, armoured and unarmoured cables

#### CONFORMS TO

- Tested in accordance to CENELEC HD.629.1.S2:2006, IEC 60502-4 and IEEE 48

### Raychem Medium Voltage Heat-shrink Terminations up to 33 kV

Product name	Conductor size (mm <sup>2</sup> )	Part number
<b>33 kV 1-core indoor terminations for polymeric cables</b>		
EPKT 36C1XI	50 – 95	454523-011
EPKT 36D1XI	120 – 185	308359-011
EPKT 36E1XI	240 – 500	651264-011
EPKT 36F1XI	630 – 1000	700320-011
TBC	1000	TBC
<b>33 kV 1-core outdoor terminations for polymeric cables</b>		
EPKT 36C1XO	50 – 95	900926-011
EPKT 36D1XO	120 – 185	553365-011
EPKT 36E1XO	240 – 500	372083-011
EPKT 36F1XO	630 – 1000	407002-011
<b>33 kV 3-core indoor terminations for polymeric cables</b>		
EPKT 36C3XIH2	50 – 95	320645-000
EPKT 36C3XIH4	50 – 95	559139-011
EPKT 36D3XIH2	120 – 185	599496-011
EPKT 36D3XIH4	120 – 185	TBC
EPKT 36E3XIH2	240 – 500	174907-011
EPKT 36E3XIH3	240 – 500	683636-011
<b>33 kV 3-core outdoor terminations for polymeric cables</b>		
EPKT 36C3XOH4	50 – 95	921312-011
EPKT 36D3XOH4	120 – 185	060437-011
EPKT 36E3XOH4	240 – 500	496517-011

#### NOTE

Indoor and outdoor versions of PILC terminations available on request.  
 Indoor and outdoor versions of paper MIND terminations available on request.

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

## 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.

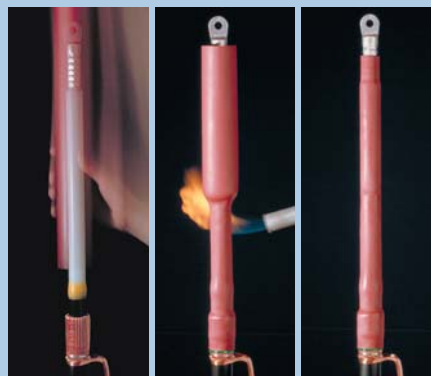
- 1 Raychem terminations IXSU-F with Raychem elastomeric bushing boot (RCAB) connecting 17.5 kV plastic cables to a switchgear substation
- 2 Raychem terminations IXSU-F with Raychem insulated connection system (RICS) connecting 24 kV plastic cables to a switchgear substation
- 3 Installation of 24 kV 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



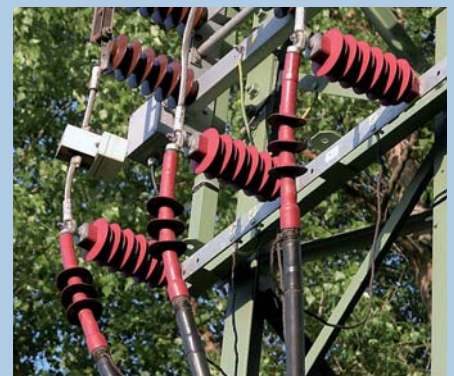
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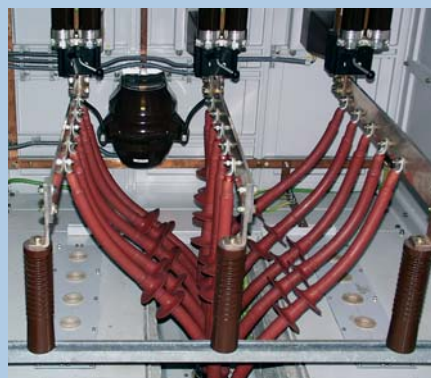
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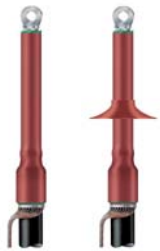
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# Raychem heat-shrinkable medium voltage terminations IXSU-F/OXSU-F for indoor and outdoor applications for polymeric cables up to 42 kV

## 12 kV



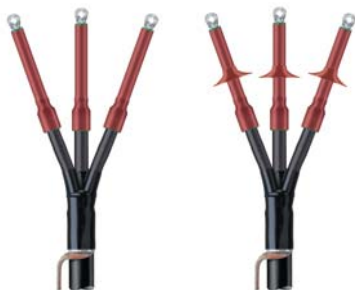
### Termination for crimp lug Screened single core plastic and rubber cable

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

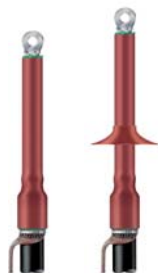
### Termination with mechanical lug BLMT Screened 3-core plastic and rubber cable without armour

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



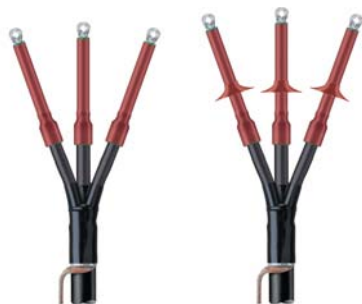
### Termination for crimp lug Screened single core plastic and rubber cable

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

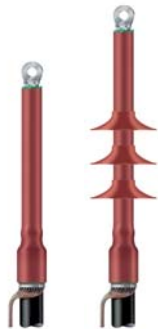
Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
25 - 50	450	IXSU-F 4321	OXSU-F 4321
	1200	IXSU-F 4324	OXSU-F 4324
70 - 185	450	IXSU-F 4331	OXSU-F 4331
	1200	IXSU-F 4334	OXSU-F 4334
185 - 400	450	IXSU-F 4341	OXSU-F 4341
	1200	IXSU-F 4344	OXSU-F 4344

### 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
1200	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	OXSU-F5121-ML-1-13	17.9 - 25.0
	IXSU-F5121-ML-1-17	OXSU-F5121-ML-1-17	
95 - 240	IXSU-F5131-ML-4-13	OXSU-F5131-ML-4-13	23.0 - 32.6
	IXSU-F5131-ML-4-17	OXSU-F5131-ML-4-17	
120 - 300	IXSU-F5131-ML-5-13	OXSU-F5131-ML-5-13	24.3 - 34.6
	IXSU-F5131-ML-5-17	OXSU-F5131-ML-5-17	
185 - 400	IXSU-F5141-ML-6-13	OXSU-F5141-ML-6-13	27.4 - 37.8
	IXSU-F5141-ML-6-17	OXSU-F5141-ML-6-17	
	IXSU-F5141-ML-6-21	OXSU-F5141-ML-6-21	
500 - 630	IXSU-F5151-ML-7-17	OXSU-F5151-ML-7-17	37.9 - 44.0
	IXSU-F5151-ML-7-21	OXSU-F5151-ML-7-21	

## 24 kV



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

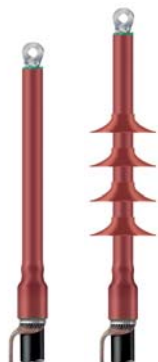
Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
10 - 25	450	IXSU-F 5311	OXSU-F 5311
	1200	IXSU-F 5314	OXSU-F 5314
25 - 50	450	IXSU-F 5321	OXSU-F 5321
	1200	IXSU-F 5324	OXSU-F 5324
70 - 185	450	IXSU-F 5331	OXSU-F 5331
	1200	IXSU-F 5334	OXSU-F 5334
185 - 400	450	IXSU-F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

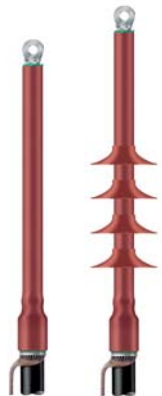
Cross section [mm <sup>2</sup> ]	Tail Length [mm]	Kit number Indoor	Kit number Outdoor
50 - 120	650	IXSU-F 6332	OXSU-F 6332
	1200	IXSU-F 6334	OXSU-F 6334
150 - 300	650	IXSU-F 6342	OXSU-F 6342
	1200	IXSU-F 6344	OXSU-F 6344
400 - 500	650	IXSU-F 6352	OXSU-F 6352
	1200	IXSU-F 6354	OXSU-F 6354

### 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.