



## HEAT-SHRINK TERMINATION (IXSU-F/OXSU-F) FOR 12 - 42 kV, SINGLE AND 3 CORE PLASTIC CABLE

### KEY FEATURES

- Integrated stress control material, ZnO (Varistor)
- Specification conformity: IEC 60502-4, CENELEC HD 629.1, IEEE-48
- Compatible for all types of mechanical and compression lugs
- Indoor and outdoor application
- Easily adaptable to specific customer needs
- Unlimited shelf life

TE Connectivity's (TE) Raychem IXSU-F/OXSU-F has a recently formulated electrical stress control compound that is based on extensive experience with Raychem ceramic semiconductor technology.

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.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

TECHNICAL INFORMATION						
Voltage class	(kV)	12	17,5	24	36	42
Cable insulation diameter	(mm)	13,7 - 50,0	15,7 - 44,5	17,9 - 56,0	24,0 - 61,2	27,0 - 45
Cross section range	(mm <sup>2</sup> )	10 - 1200	25 - 800	25 - 1200	25 - 1200	35 - 630
Max system voltage Um	(kV)	12	17,5	24	36	42
Basic impulse level	(kV)	95	95	125	194	200
Partial discharge at 2 U0	(pC)	<2	>2	<2	<2	<2
AC Voltage withstand, 5 min	(kV)	29	39	57	81/94	94
DC Voltage withstand, 15 min	(kV)	38	52	76	108/120	120

Meets the CENELEC HD 629.1

PRODUCT SELECTION INFORMATION: THREE CORE				
Description		Tail Length (mm)	Cross Section Range (mm <sup>2</sup> )	Voltage Class
Indoor	Outdoor			
IXSU-F3301	OXSU-F3301	450	10 - 16	6,35/11 (12) kV
IXSU-F3304	OXSU-F3304	1200	-	6,35/11 (12) kV
IXSU-F3311	OXSU-F3311	450	16 - 35	6,35/11 (12) kV
IXSU-F3314	OXSU-F3314	1200	-	6,35/11 (12) kV
IXSU-F3321	OXSU-F3321	450	25 - 70	6,35/11 (12) kV
IXSU-F3324	OXSU-F3324	1200	-	6,35/11 (12) kV
IXSU-F3331	OXSU-F3331	450	95 - 240	6,35/11 (12) kV
IXSU-F3334	OXSU-F3334	1200	-	6,35/11 (12) kV
IXSU-F3341	OXSU-F3341	450	240 - 500	6,35/11 (12) kV
IXSU-F3344	OXSU-F3344	1200	-	6,35/11 (12) kV
IXSU-F4321	OXSU-F4321	450	25 - 50	8,7/15 (17,5) kV
IXSU-F4324	OXSU-F4324	1200	-	8,7/15 (17,5) kV
IXSU-F4331	OXSU-F4331	450	70 - 185	8,7/15 (17,5) kV
IXSU-F4334	OXSU-F4334	1200	-	8,7/15 (17,5) kV
IXSU-F4341	OXSU-F4341	450	185 - 400	8,7/15 (17,5) kV
IXSU-F4344	OXSU-F4344	1200	-	8,7/15 (17,5) kV
IXSU-F5311	OXSU-F5311	450	10 - 25	12,7/22 (24) kV
IXSU-F5314	OXSU-F5314	1200	-	12,7/22 (24) kV
IXSU-F5321	OXSU-F5321	450	25 - 50	12,7/22 (24) kV
IXSU-F5324	OXSU-F5324	1200	-	12,7/22 (24) kV
IXSU-F5331	OXSU-F5331	450	70 - 185	12,7/22 (24) kV
IXSU-F5334	OXSU-F5334	1200	-	12,7/22 (24) kV
IXSU-F5341	OXSU-F5341	450	185 - 400	12,7/22 (24) kV
IXSU-F5344	OXSU-F5344	1200	-	12,7/22 (24) kV
IXSU-F6332	OXSU-F6332	650	50 - 120	19/33 (36) kV
IXSU-F6334	OXSU-F6334	1200	-	19/33 (36) kV
IXSU-F6342	OXSU-F6342	650	120 - 300	19/33 (36) kV
IXSU-F6344	OXSU-F6344	1200	-	19/33 (36) kV
IXSU-F6352	OXSU-F6352	650	400 - 500	19/33 (36) kV
IXSU-F6354	OXSU-F6354	1200	-	19/33 (36) kV
IXSU-F7334	OXSU-F7334	1200	50 - 120	20.8/36(42)kV
IXSU-F7344	OXSU-F7344	1200	120 - 300	20.8/36(42)kV

PRODUCT SELECTION INFORMATION: SINGLE CORE			
Description		Cross Section Range (mm <sup>2</sup> )	Voltage Class
Indoor	Outdoor		
IXSU-F3111	OXSU-F3111	10 - 35	6,35/11 (12) kV
IXSU-F3121	OXSU-F3121	25 - 95	6,35/11 (12) kV
IXSU-F3131	OXSU-F3131	95 - 240	6,35/11 (12) kV
IXSU-F3141	OXSU-F3141	240 - 400	6,35/11 (12) kV
IXSU-F3151	OXSU-F3151	500 - 800	6,35/11 (12) kV
IXSU-F3161	OXSU-F3161	1000 - 1200	6,35/11 (12) kV
IXSU-F4111	OXSU-F4111	16 - 25	8,7/15 (17,5) kV
IXSU-F4121	OXSU-F4121	35 - 95	8,7/15 (17,5) kV
IXSU-F4131	OXSU-F4131	95 - 240	8,7/15 (17,5) kV
IXSU-F4141	OXSU-F4141	240 - 400	8,7/15 (17,5) kV
IXSU-F4151	OXSU-F4151	400 - 800	8,7/15 (17,5) kV
IXSU-F5121	OXSU-F5121	25 - 70	12,7/22 (24) kV
IXSU-F5131	OXSU-F5131	70 - 240	12,7/22 (24) kV
IXSU-F5141	OXSU-F5141	185 - 400	12,7/22 (24) kV
IXSU-F5151	OXSU-F5151	400 - 800	12,7/22 (24) kV
IXSU-F5161	OXSU-F5161	1000 - 1200	12,7/22 (24) kV
IXSU-F6131	OXSU-F6131	50 - 120	19/33 (36) kV
IXSU-F6141	OXSU-F6141	120 - 400	19/33 (36) kV
IXSU-F6151	OXSU-F6151	400 - 800	19/33 (36) kV
IXSU-F7121	OXSU-F7121	35	20.8/36(42)kV
IXSU-F7131	OXSU-F7131	50 - 120	20.8/36(42)kV
IXSU-F7141	OXSU-F7141	120 - 300	20.8/36(42)kV
IXSU-F7151	OXSU-F7151	300 - 630	20.8/36(42)kV

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