

MEDIUM VOLTAGE TERMINATION – COLD-SHRINK SOLUTION UP TO 36 kV

ECOLD VTS

ECOLD VTS is Elcon Megarad range of premolded pre-expanded cold-shrinkable termination for indoor and outdoor connections of polymeric insulated cables up to 36 kV.

The installation is without flame, just by pulling the spiral.

The electrical field stress control is achieved by a high permittivity pad, easy to install.

The insulator is made of one piece molded anti-tracking silicone rubber.



Application

For indoor and outdoor connections up to 36 kV (U_m) – B.I.L. 170 kV of polymeric insulated cables with any type of metallic screen.

Max short circuit current (screen): 5 kA/0,5 s

Suitable for crimping and mechanical lugs according to the dimensions indicated in the table below.

Storage: up to + 45°C

Compliant with standards HD 629.1 S2, CEI 2062/1.

Selection guide

ECOLD VTSI: for indoor installation, ECOLD VTSE: for outdoor installation

Size	Min cable insulation diameter [mm]	Maximum outer cable diameter [mm]	Max outer lug diameter [mm]	Cable conductor cross section (FOR GUIDANCE ONLY) [mm ²]	
				12/20 (24) [kV]	18/30 (36) [kV]
ECOLD VTSI / VTSE -01	19,0	32	28	25 - 70	--
ECOLD VTSI / VTSE -02	23,2	40	35	95 - 240	50 - 70
ECOLD VTSI -03	33,0	46	42	240 - 300	--
ECOLD VTSI -04	35,0	58	52	400 - 630	--
ECOLD VTSI / VTSE -05	28,0	46	42	240 - 400	95 - 240
ECOLD VTSI / VTSE -06	35,0	58	52	400 - 630	240 - 630

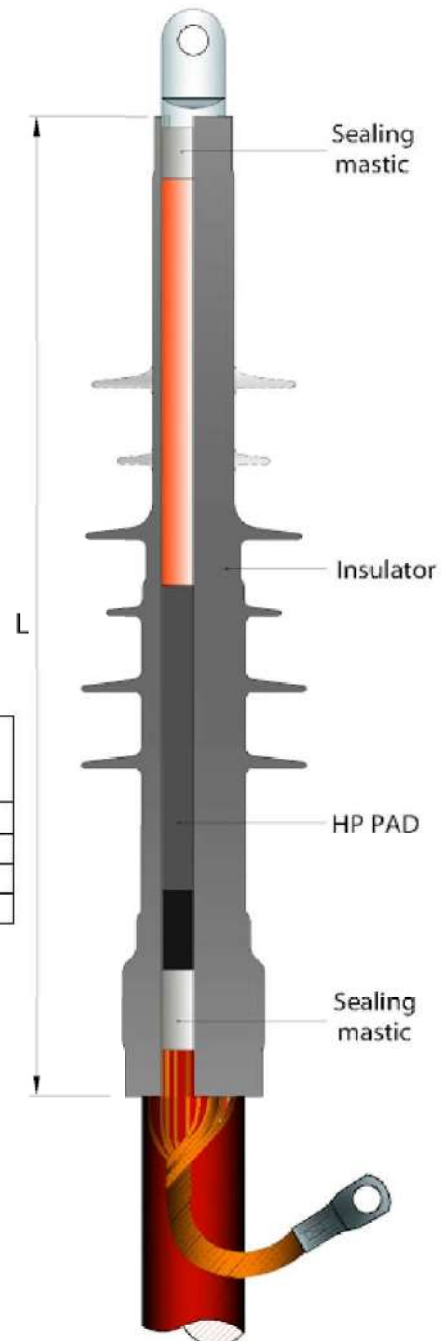
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Kit components

- Insulator
- High permittivity stress control PAD
- Water sealing mastic
- Lubricating grease
- Earthing lug
- PVC tape, abrasive cloth, cleaning tissue and gloves, installation instructions
- Conductor lug (optional)

	U _m [kV]	Sheds N°	L max [mm]	Outer shed diameter on cable max [mm]
Indoor	24	4	320	85
	36	6	410	105
Outdoor	24	6	410	105
	36	6	410	105



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power cable accessories

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TERMINALI RETRAIBILI A FREDDO PER CAVI MEDIA TENSIONE

**cold shrinkable
termination for
medium voltage
cables**

Conforme a norme /
Compliant with
standards

CENELEC HD 629.1
CEI 20-62/1

TERMINALI ALETTATI AUTORETRAIBILI DA INTERNO GRAVOSO PER CAVI UNIPOLARI AD ISOLAMENTO ESTRUSO CON SCHERMO A FILI

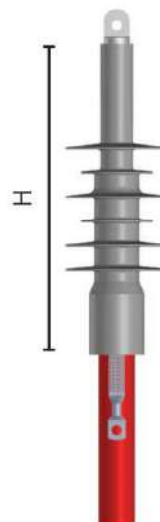
Il kit è composto da un unico corpo autoretraibile antitraccia con elemento di controllo campo e campane isolanti integrate. Il corpo fornito pre-espanso in fabbrica su supporto rimovibile consente una veloce installazione e un ampio range di applicazione. Il mastice incluso nel kit garantisce una perfetta sigillatura.



Unipolare estruso fili / Single core polymeric wire

INDOOR COLD SHRINK TERMINATION FOR 1 CORE POLYMERIC CABLE WITH WIRE SCREEN

The kit consists of a single coldshrink anti-tracking body pre-expanded in factory on a removable support. Stress control element is embedded in the coldshrink body and allows for a quick and easy installation for a wide application range. Mastic included in the kit guarantees a perfect sealing.



Elenco dei kit disponibili. Capicorda non inclusi. Confezione da tre fasi unipolari. / List of available kits. Lugs not included. Packaging: set for three 1-core

ECOLD VTCI 63

Tensione / Rated voltage U ₀ /U _m (kV)	Sezioni cavi / Cable range (mm ²)	Codice prodotto / Product code	Descrizione / Part number	Diametro isolante cavo / Cable insulation diameter (mm)	H max (mm)
12/20/24	25/95	FN20462	ECOLD VTCI-2463/W 3X1X25/95 CU/AL	17,0 - 25,0	320
12/20/24	95/240	FN20463	ECOLD VTCI-2463/W 3X1X95/240 CU/AL	20,5 - 31,5	320
12/20/24	300/400	FN20657	ECOLD VTCI-2463/W 3X1X300/400 CU/AL	30,0 - 36,5	370
12/20/24	500/630	FN20658	ECOLD VTCI-2463/W 3X1X500/630 CU/AL	36,0 - 43,0	370
18/30/36	25/95	FN21252	ECOLD VTCI-3663/W 3X1X25/95 CU/AL	22,5 - 32,0	370
18/30/36	120/240	FN21253	ECOLD VTCI-3663/W 3X1X120/240 CU/AL	29,0 - 38,0	370
18/30/36	300/400	FN21254	ECOLD VTCI-3663/W 3X1X300/400 CU/AL	36,0 - 47,0	370
18/30/36	500/630	FN21255	ECOLD VTCI-3663/W 3X1X500/630 CU/AL	38,0 - 51,0	410

NOTE Per particolari esigenze (come ad es.: diverse tipologie di cavo, gamma di sezioni, tipologia di conduttore, tipologia di connettori, altre specifiche richieste) contattare il nostro Ufficio Commerciale. / For any cable types and special requirements, please contact our sales department.

TERMINALI RETRAIBILI A FREDDO PER CAVI DI MEDIA TENSIONE

cold shrinkable termination for medium voltage cables

Conforme a norme /
Compliant with
standards

CENELEC HD 629.1
CEI 20-62/1

TERMINALI AUTORETRAIBILI DA ESTERNO PER CAVI UNIPOLARI AD ISOLAMENTO ESTRUSO CON SCHERMO A FILI

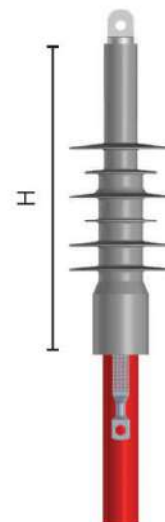
Il kit è composto da un unico corpo autoretraibile antitraccia con elemento di controllo campo e campane isolanti integrate. Il corpo fornito pre-espanso in fabbrica su supporto rimovibile consente una veloce installazione e un ampio range di applicazione. Il mastice incluso nel kit garantisce una perfetta sigillatura.



Unipolare estruso fili / Single core polymeric wire

OUTDOOR COLD SHRINK TERMINATION FOR 1 CORE POLYMERIC CABLE WITH WIRE SCREEN

The kit consists of a single coldshrink anti-tracking body pre-expanded in factory on a removable support. Stress control element is embedded in the coldshrink body and allows for a quick and easy installation for outdoor conditions. Mastic included in the kit guarantees a perfect sealing.



Elenco dei kit disponibili. Capicorda non inclusi. Confezione da tre fasi unipolari. / List of available kits. Lugs not included. Packaging: set for three 1-core

ECOLD VTCE 64

Tensione / Rated voltage U ₀ /U _m (kV)	Sezioni cavi / Cable range (mm ²)	Codice prodotto / Product code	Descrizione / Part number	Diametro isolante cavo / Cable insulation diameter (mm)	H (mm)
12/20/24	25/95	FN20656	ECOLD VTCE-2464/W 3X1X25/95 CU/AL	17,0 - 25,0	320
12/20/24	95/240	FN20659	ECOLD VTCE-2464/W 3X1X95/240 CU/AL	20,5 - 31,5	320
12/20/24	300/400	FN20660	ECOLD VTCE-2464/W 3X1X300/400 CU/AL	30,0 - 36,5	370
12/20/24	500/630	FN20661	ECOLD VTCE-2464/W 3X1X500/630 CU/AL	36,0 - 43,0	370
18/30/36	25/95	FN21256	ECOLD VTCE-3664/W 3X1X25/95 CU/AL	22,5 - 32,0	410
18/30/36	120/240	FN21257	ECOLD VTCE-3664/W 3X1X120/240 CU/AL	29,0 - 38,0	410
18/30/36	300/400	FN21258	ECOLD VTCE-3664/W 3X1X300/400 CU/AL	36,0 - 47,0	410
18/30/36	500/630	FN21259	ECOLD VTCE-3664/W 3X1X500/630 CU/AL	38,0 - 51,0	410

NOTE Per particolari esigenze (come ad es.: diverse tipologie di cavo, gamma di sezioni, tipologia di conduttore, tipologie di connettori, altre specifiche richieste) contattare il nostro Ufficio Commerciale. / For any cable types and special requirements, please contact our sales department.