

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

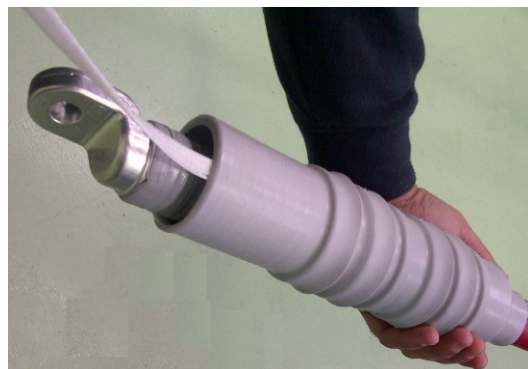
ECOLD VTS

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

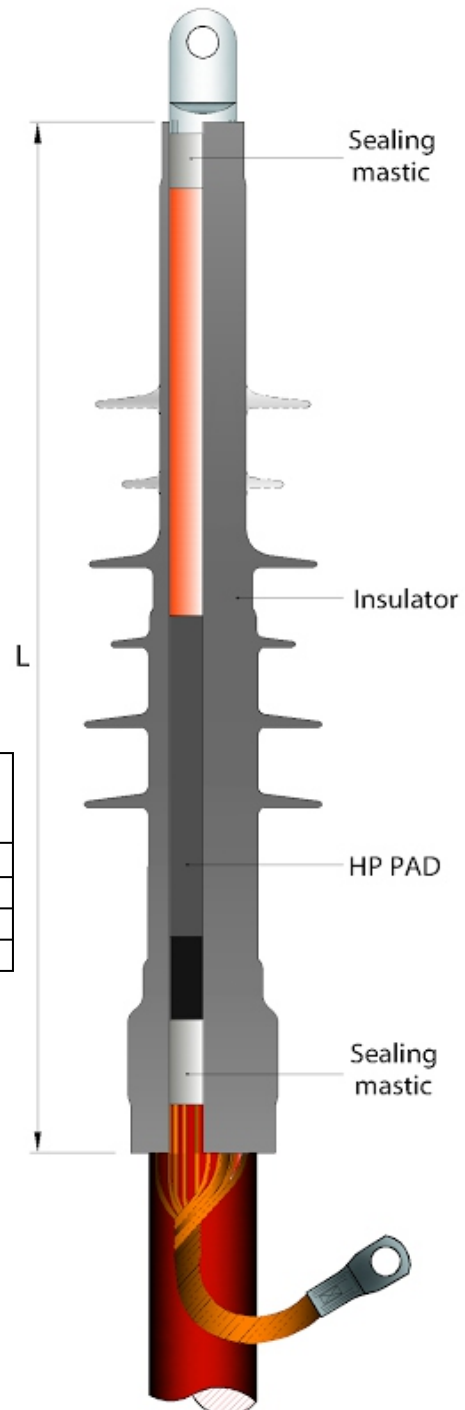
Lubricating grease

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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