

Cold shrink cable termination

CST 12-42 kV

Application

Cold shrink cable termination for XLPE and EPR insulated 1-core or 3-core cables with Al or Cu conductor for 12-42 kV. Suitable for installations at high altitude, humid or heavily polluted environment.

Standard

- IEC 60502.4
- GB/T 12706.4

Features

- Cold shrink cable termination is made of liquid silicone rubber and is aging, UV, humid, tracking and erosion resistant. High elasticity and ability to shrink ensure powerful and constant active pressure between rubber and cable that can respond to expanding or shrinking cable diameters under load cycle.

- The geometrical field control in stress cone is integrated with termination body, effectively distribute the high electrical stress in the cable screens stripping position.



- The termination is supplied in kits for 1-core or 3-core cables. The kits include Cu-brands and constant force springs for earthing connection. Crutch seal and protective hoses of cold-shrink type are also include for 3-core cable kits.

12 kV Cold shrink cable termination selection guide

Product	Type		Insulation diameter (mm)	Conductor cross section (mm ²)	
	3-core	1-core		6/10(12) kV	8.7/15(17.5) kV
Indoor termination	CSTI121-3A	CSTI121-1A	13.5-19	25-70	25-50
	CSTI122-3A	CSTI122-1A	19-25	95-150	70-120
	CSTI123-3A	CSTI123-1A	24-30	185-300	150-240
	CSTI124-3A	CSTI124-1A	30-37	400-500	300-400
	CSTI125-3A	CSTI125-1A	37-42.5	630	500-630
Outdoor termination	CSTO121-3A	CSTO121-1A	13.5-19	25-70	25-50
	CSTO122-3A	CSTO122-1A	19-25	95-150	70-120
	CSTO123-3A	CSTO123-1A	24-30	185-300	150-240
	CSTO124-3A	CSTO124-1A	30-37	400-500	300-400
	CSTO125-3A	CSTO125-1A	37-42.5	630	500-630

24 kV Cold shrink cable termination selection guide

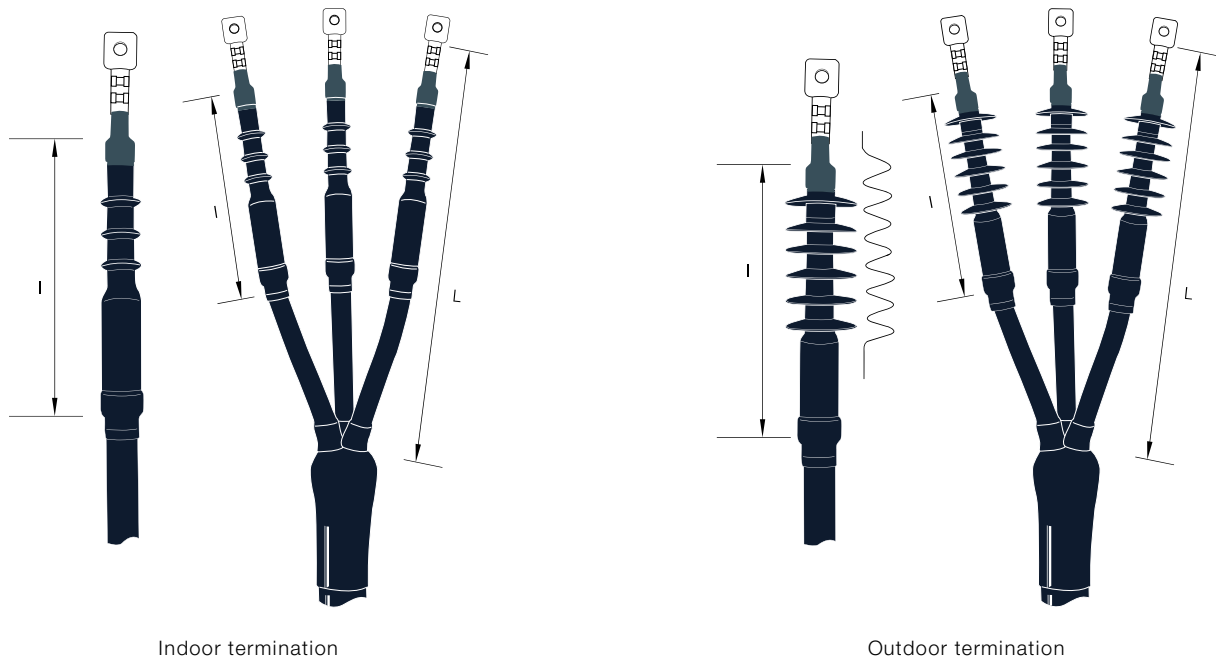
Product	Type		Insulation diameter (mm)	Conductor cross section (mm ²)
	3-core	1-core		12/20(24) kV
Indoor termination	CSTI241-3A	CSTI241-1A	13.5-19	25-35
	CSTI242-3A	CSTI242-1A	19-25	50-95
	CSTI243-3A	CSTI243-1A	24-30	120-185
	CSTI244-3A	CSTI244-1A	30-37	240-400
	CSTI245-3A	CSTI245-1A	37-42.5	500-630
Outdoor termination	CSTO241-3A	CSTO241-1A	13.5-19	25-35
	CSTO242-3A	CSTO242-1A	19-25	50-95
	CSTO243-3A	CSTO243-1A	24-30	120-185
	CSTO244-3A	CSTO244-1A	30-37	240-400
	CSTO245-3A	CSTO245-1A	37-42.5	500-630

42 kV Cold shrink cable termination selection guide

Product	Type		Insulation diameter (mm)	Conductor cross section (mm ²)	
	3-core	1-core		21/35(40.5) kV	26/35(40.5) kV
Indoor termination	CSTI421-3	CSTI421-1	28-35	35-120	50-95
	CSTI422-3	CSTI422-1	34-40	150-240	120-185
	CSTI423-3	CSTI423-1	40-47	300-400	240-400
	CSTI424-3	CSTI424-1	47-54	500-630	500-630
Outdoor termination	CSTO421-3	CSTO421-1	28-35	35-120	50-95
	CSTO422-3	CSTO422-1	34-40	150-240	120-185
	CSTO423-3	CSTO423-1	40-47	300-400	240-400
	CSTO424-3	CSTO424-1	47-54	500-630	500-630

Always select product by insulation diameter.

Dimensions



Type	I	L	Creepage distance
CSTI12X-A	240	600-800	-
CSTO12X-A	300	750-1000	565
CSTI24X-A	240	600-800	-
CSTO24X-A	300	750-1000	770
CSTI42X	370	750-900	-
CSTO42X	460	1000-1200	1290