

## COLDFIT MV TERMINATIONS

# *Coldfit*

For 11kV Systems

### CHARACTERISTICS

Coldfit terminations are quick and easy to install, offering high reliability and excellent performance for both indoor and outdoor use.

The terminations include built in high permittivity stress controlling material. Once installed, the termination offers excellent insulation levels and lower surface stress, which results in a more compact termination.

For outdoor use the terminations have moulded-in rain sheds, which are designed to let water run off when installed in an upright position.

### DESCRIPTION

- Easy installation
- One part joint body
- Long term reliability
- Excellent insulating properties
- High track resistance
- UV stability
- Non-Flammability (LSOH)
- Fungus resistance
- Silicone is hydrophobic
- No open flames during installation
- Termination recovers to a uniform wall thickness



**Coldfit 11kV Terminations to suit polymeric insulated single or three core copper wire screen cables**

- All cable sizes based on compression connectors.
- Additional earthing kits required for copper tape screen and lead sheath cables (please see selector charts below).

Indoor Single Core Terminations	
Cable Size	Indoor Termination
50mm <sup>2</sup>	CIT - SX - A - 12
70mm <sup>2</sup>	CIT - SX - A - 12
95mm <sup>2</sup>	CIT - SX - A - 12
120mm <sup>2</sup>	CIT - SX - B - 12
150mm <sup>2</sup>	CIT - SX - B - 12
185mm <sup>2</sup>	CIT - SX - B - 12
240mm <sup>2</sup>	CIT - SX - B - 12
300mm <sup>2</sup>	CIT - SX - B - 12
400mm <sup>2</sup>	CIT - SX - C - 12
500mm <sup>2</sup>	CIT - SX - C - 12
630mm <sup>2</sup>	CIT - SX - C - 12



Outdoor Single Core Terminations	
Cable Size	Outdoor Termination
50mm <sup>2</sup>	COT - SX - A - 12
70mm <sup>2</sup>	COT - SX - A - 12
95mm <sup>2</sup>	COT - SX - A - 12
120mm <sup>2</sup>	COT - SX - B - 12
150mm <sup>2</sup>	COT - SX - B - 12
185mm <sup>2</sup>	COT - SX - B - 12
240mm <sup>2</sup>	COT - SX - B - 12
300mm <sup>2</sup>	COT - SX - B - 12
400mm <sup>2</sup>	COT - SX - C - 12
500mm <sup>2</sup>	COT - SX - C - 12
630mm <sup>2</sup>	COT - SX - C - 12



Indoor Three Core Terminations	
Cable Size	Indoor Termination
35mm <sup>2</sup>	CIT - 3X - A - 12
50mm <sup>2</sup>	CIT - 3X - A - 12
70mm <sup>2</sup>	CIT - 3X - A - 12
95mm <sup>2</sup>	CIT - 3X - B - 12
120mm <sup>2</sup>	CIT - 3X - B - 12
150mm <sup>2</sup>	CIT - 3X - B - 12
185mm <sup>2</sup>	CIT - 3X - B - 12
240mm <sup>2</sup>	CIT - 3X - C - 12
300mm <sup>2</sup>	CIT - 3X - C - 12
400mm <sup>2</sup>	CIT - 3X - D - 12



Outdoor Three Core Terminations	
Cable Size	Outdoor Termination
35mm <sup>2</sup>	COT - 3X - A - 12
50mm <sup>2</sup>	COT - 3X - A - 12
70mm <sup>2</sup>	COT - 3X - A - 12
95mm <sup>2</sup>	COT - 3X - B - 12
120mm <sup>2</sup>	COT - 3X - B - 12
150mm <sup>2</sup>	COT - 3X - B - 12
185mm <sup>2</sup>	COT - 3X - B - 12
240mm <sup>2</sup>	COT - 3X - C - 12
300mm <sup>2</sup>	COT - 3X - C - 12
400mm <sup>2</sup>	COT - 3X - D - 12



**Earthing Kits for copper tape screen and lead sheath cables**

Indoor Single Core Termination	Indoor Three Core Termination	Outdoor Single Core Termination	Outdoor Three Core Termination	Copper Tape Kit	Lead Sheath Kit
CIT - SX - A - 12	CIT - 3X - A - 12	COT - SX - A - 12	COT - 3X - A - 12	ESE1	ESE1 + ESE11
CIT - SX - B - 12	CIT - 3X - B - 12	COT - SX - B - 12	COT - 3X - B - 12	ESE2	ESE2 + ESE12
CIT - SX - C - 12	CIT - 3X - C - 12	COT - SX - C - 12	COT - 3X - C - 12	ESE3	ESE3 + ESE13
-	CIT - 3X - D - 12	-	COT - 3X - D - 12	ESE3	ESE3 + ESE13



**Accessories for Indoor Terminations**

Ref. no:	Description
ESS-24	Right angle or straight. Indoor insulation boots 11kV systems (set of 3)
MTHG1	Top hat gland (3 core cables) 35 - 95mm <sup>2</sup> - Size X
MTHG2	Top hat gland (3 core cables) 120 - 300mm <sup>2</sup> - Size Y

**For single core armoured cables:**  
an integral earth gland is available



**Accessories for Outdoor Terminations**

Ref. no:	Description
HSI-32	Support insulators for 11kV systems (set of 3)
HSB1	Support bracket for 11kV systems



**Approvals**

Coldfit terminations meet IEEE, VDE and IEC standards. Copies of type test reports are available upon request.

These features and benefits combine to make Coldfit terminations your number one choice.

**Note: Lugs are not included**