

**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