

# Hybrid Three-core Indoor Termination Type **CHE-3I (B)** and Outdoor Termination Type **CHE-3F (B)**

**For polymeric cables up to 36 kV**

**Application** Hybrid three-core indoor and outdoor terminations are suitable for all types of Medium Voltage three-core polymeric cables with different semiconducting layers.

**Design** A three-core hybrid termination (version B) consists of three silicone stress control elements, anti-tracking wheather-resistant heat-shrink tubes, sealing mastic and an anti-tracking spreader cap.

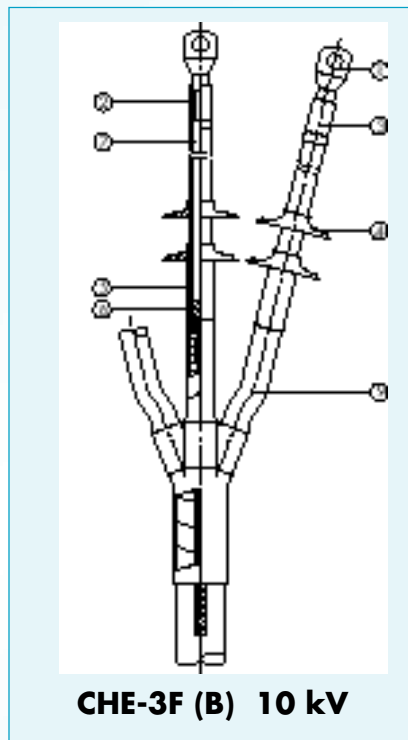
**Features**

- Safe stress control
- Easy to handle
- Wide cross-section range
- Excellent behaviour under pollution
- Unlimited shelf life
- Immediately operational

**Delivery** Standard packing unit one three-core termination set.  
For cable with copper tape screen or armouring an additional earthing kit is necessary.

- Standard delivery without cable lugs
- Special core lengths on request

**CHE-3F (B) 10 kV**



- 1 Cable lug
- 2 Sealing mastic
- 3 Anti-tracking tube
- 4 Silicone shed
- 5 Stress control element
- 6 Semiconducting layer
- 7 Conductor insulation
- 9 Heat-shrink tube

## Ordering Details

Indoor Type	Outdoor Type	Core cross section <sup>1)</sup> mm <sup>2</sup>	Diameter <sup>2)</sup> over conductor insulation mm
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### 3.6/6 (7.2) kV – 3.8/6.6 (7.2) kV

CHE-3I	6/0 (B)	CHE-3F	6/0 (B)	16 – 35	9.9 – 15.3
CHE-3I	6/1 (B)	CHE-3F	6/1 (B)	50 – 120	14.8 – 20.7
CHE-3I	6/2 (B)	CHE-3F	6/2 (B)	150 – 240	18.2 – 26.4
CHE-3I	6/3 (B)	CHE-3F	6/3 (B)	240 – 400	22.5 – 31.6

### 6/10 (12) kV – 6.35/11 (12) kV

CHE-3I	10/0 (B)	CHE-3F	10/0 (B)	10 – 25	9.9 – 15.3
CHE-3I	10/1 (B)	CHE-3F	10/1 (B)	35 – 95	14.8 – 19.2
CHE-3I	10/2 (B)	CHE-3F	10/2 (B)	95 – 150	18.2 – 26.4
CHE-3I	10/3 (B)	CHE-3F	10/3 (B)	150 – 300	20.9 – 30.4
CHE-3I	10/4 (B)	CHE-3F	10/4 (B)	240 – 500	24.2 – 35.2

### 8.7/15 (7.5) kV

CHE-3I	15/0 (B)	CHE-3F	15/0 (B)	25 – 50	14.8 – 19.2
CHE-3I	15/1 (B)	CHE-3F	15/1 (B)	70 – 150	18.2 – 26.4
CHE-3I	15/2 (B)	CHE-3F	15/2 (B)	150 – 240	22.5 – 30.4
CHE-3I	15/3 (B)	CHE-3F	15/3 (B)	185 – 400	24.2 – 35.2

### 12/20 (24) kV – 12.7/22 (24) kV

CHE-3I	20/0 (B)	CHE-3F	20/0 (B)	10 – 35	14.8 – 20.0
CHE-3I	20/1 (B)	CHE-3F	20/1 (B)	25 – 95	18.0 – 26.4
CHE-3I	20/2 (B)	CHE-3F	20/2 (B)	95 – 185	22.5 – 30.4
CHE-3I	20/3 (B)	CHE-3F	20/3 (B)	120 – 300	24.2 – 35.2

### 18/30 (36) kV – 19/33 (36) kV

CHE-3I	30/1 (B)	CHE-3F	30/1 (B)	35 – 70	22.5 – 30.4
CHE-3I	30/2 (B)	CHE-3F	30/2 (B)	50 – 150	24.2 – 35.2
CHE-3I	30/3 (B)	CHE-3F	30/3 (B)	150 – 400	29.1 – 41.6

1) Check minimum diameter over conductor insulation.

2) Minimum diameter after removal of the outer semi-conducting layer.

Other cross-section ranges on request.