# Hybrid Terminations for Trailing Cables Type **CHE-3I (T)** and **CHE-3F (T)**

**For polymeric cables up to 36 kV**

**Application**

Hybrid three-core indoor and outdoor terminations are suitable for all types of medium voltage trailing cables with different semiconducting layers.

**Design**

Hybrid terminations for trailing cables consist of a set of three single-core terminations and a four-core (4 finger) spreader set.

**Features**

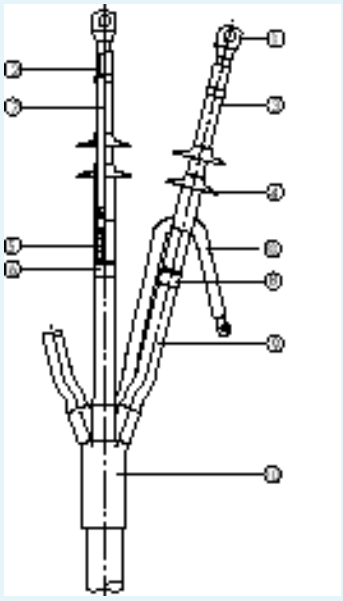
- Safe stress control
- Easy to handle
- Wide cross-section range
- Excellent behaviour under pollution
- Unlimited shelf life
- Immediately operational

**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(T) 20 kV**



**CHE-3F(T) 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
8 Pressure spring
9 Heat-shrink tube
10 Spreader cap
11 Earth wire

## Ordering Details

| Indoor Type | Outdoor Type | Core cross section[1] mm² | Diameter[2] over conductor insulation mm |
|---|---|---|---|
| **3.6/6 (7.2) kV – 3.8/6.6 (7.2) kV** | | | |
| CHE-3I 6/1 (T) | CHE-3F 6/1 (T) | 25 – 50 | 14.8 – 19.2 |
| CHE-3I 6/2 (T) | CHE-3F 6/2 (T) | 70 – 120 | 18.2 – 26.4 |
| CHE-3I 6/3 (T) | CHE-3F 6/3 (T) | 150 – 300 | 24.0 – 35.2 |
| **6/10 (12) kV – 6.35/11 (12) kV** | | | |
| CHE-3I 10/1 (T) | CHE-3F 10/1 (T) | 25 – 50 | 14.8 – 19.4 |
| CHE-3I 10/2 (T) | CHE-3F 10/2 (T) | 70 – 120 | 18.2 – 26.4 |
| CHE-3I 10/3 (T) | CHE-3F 10/3 (T) | 150 – 240 | 24.2 – 35.2 |
| CHE-3I 10/4 (T) | CHE-3F 10/4 (T) | 300 | 29.1 – 41.6 |
| **8.7/15 (7.5) kV** | | | |
| CHE-3I 15/0 (T) | CHE-3F 15/0 (T) | 25 | 14.8 – 19.2 |
| CHE-3I 15/1 (T) | CHE-3F 15/1 (T) | 35 – 95 | 18.2 – 26.4 |
| CHE-3 15/2 (T) | CHE-3F 15/2 (T) | 120 – 185 | 24.2 – 35.2 |
| CHE-3I 15/3 (T) | CHE-3F 15/3 (T) | 240 – 300 | 29.1 – 41.6 |
| **12/20 (24) kV – 12.7/22 (24) kV** | | | |
| CHE-3I 20/1 (T) | CHE-3F 20/1 (T) | 25 – 70 | 18.2 – 26.4 |
| CHE-3I 20/2 (T) | CHE-3F 20/2 (T) | 95 – 150 | 24.2 – 35.2 |
| CHE-3I 20/3 (T) | CHE-3F 20/3 (T) | 185 – 300 | 29.1 – 41.6 |
| **15/25 (30) kV** | | | |
| CHE-3I 25/1 (T) | CHE-3F 25/1 (T) | 25 – 50 | 20.9 – 28.5 |
| CHE-3I 25/2 (T) | CHE-3F 25/2 (T) | 70 – 120 | 24.2 – 33.0 |
| CHE-3I 25/3 (T) | CHE-3F 25/3 (T) | 150 – 240 | 29.1 – 39.0 |
| **18/30 (36) kV – 19/33 (36) kV** | | | |
| CHE-3I 30/1 (T) | CHE-3F 30/1 (T) | 25 – 70 | 24.2 – 33.0 |
| CHE-3I 30/2 (T) | CHE-3F 30/2 (T) | 95 – 185 | 29.1 – 39.0 |

1) Check minimum diameter over conductor insulation.
2) Minimum diameter after removal of the outer semi-conducting layer.

Other cross-section ranges on request.

All data in respect of cable allocations are approximate. Contact your CELLPACK representative for the correct choice of product.