

## Straight through joint

Generally meets the requirements of C 33-001 - VDE 0278 -  
C 89 - HD 629-1

**castfit**

**Medium Voltage (MV)**  
**Up to 6 kV**  
**Junctions and Derivations**  
**Reference : CTJM**



J3 à J4



J15 à J17



### Product Application and Design

#### Utilisation

- Jointing polymeric insulated cables of different specifications and/or conductor sizes, and MIND paper insulated cables.
- May be directly buried.
- Jointing cables laid underground or in tunnels on horizontal or vertical racks.

#### Cables

- Copper or aluminium conductor.
- Three core polymeric-insulation (PVC, PR, EPR) or paper insulation (MIND type) - screened or belted.
- non-armoured or armoured.
- Insulation voltage up to 6 kV.
- Conductor size : 25 à 300 mm<sup>2</sup>.

#### Packing

Supplied as a kit for one joint containing all the necessary components except the ferrules (supplied on request). See table for shipping weight and volume (approx.) of kit.

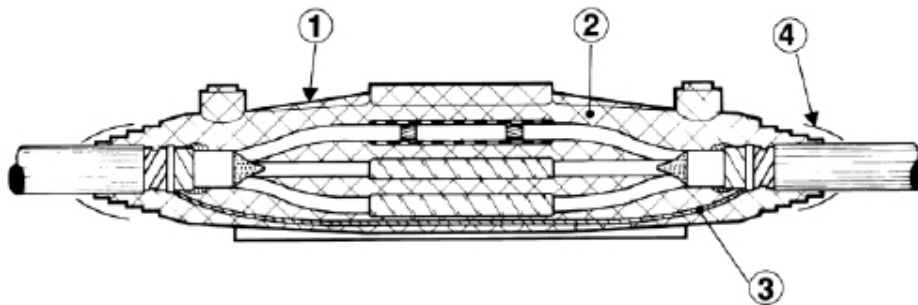
#### Other products

Joint for low voltage cables 1 kV (Um) - CTJT.  
Also suitable for telephone and signal cable with special resin.

### Installation features

- No need for special tools or heating.
- Filling resin cures at ambient temperatures.
- Energizing of cable may take place, on average, 30 minutes after filling.
- Immediate energizing is also possible following special procedures.

## Description



- ① **Casing**  
Casing is made of two shells of transparent thermoplastic material which are snapped together or fastened by slides.
- ② **Insulation material**  
Wrapping of EPR tape and synthetic resin supplied in pre-dosed bags or in cans.
- ③ **Continuity screen and armour**  
Insulated cable of appropriate size.
- ④ **Sealing**  
Self-amalgamating tape or putty.

## Selection guide

1- Select the kit model from the table on the basis of diameters and sizes of cable to be jointed.

Dimensions mm	Kit model	Ø Cable overall		Maximum sizes of cables in mm <sup>2</sup> *	Approx. shipping weight and volume of kit	
		Min.	Max.		kg	m <sup>3</sup>
	<b>CTJM-J3</b>	23	39	3 x 35	1,7	0,005
	<b>CTJM-J4</b>	28	50	3 x 70	2,2	0,008
	<b>CTJM-J15</b>	28	53	3 x 150	8,0	0,040
	<b>CTJM-J17</b>	62	86	3 x 300	17,5	0,070

(\*) Sections are indicative data. purposes.

### Example of order

For a 3 x 95 mm<sup>2</sup> belted cable 6/6 kV.  
The selected model will be: **CTJM-J15**.