

# Contrax Straight-through Joint (single-core) Type **CAM**

**For polymeric cables up to 24 kV**

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**Application** Contrax straight-through joint Type CAM is suitable for all polymeric medium voltage cables up to 24 kV. This enables to join cables with different conductor materials, cable insulations (PE, XLPE, EPR) as well as cable structures. The joint is suitable for cable with different outer semi-conducting layers and screenings.

**Design** A single-core Contrax joint consists of:

- Two slip-on silicone stress control elements
- One single piece silicone insulation body with inner and outer semi-conducting layer
- Copper screen transfer
- One heat-shrink outer protecting tube

**Features**

- Easy and quick installation
- Wide cross-section range
- No overstressing during storage, transportation and installation
- Unlimited shelf life
- Immediately operational

**Delivery** Standard packing unit with heat-shrink outer protecting tube: one piece for one phase without connectors.

The following types of outer protection can also be supplied:

- Type **B** Tape-wrapped
- Type **G** Cast-resin
- Type **Inject** Injected resin



## Ordering Details

Type

Cross Section<sup>1)</sup>

Diameter over  
conductor insulation<sup>2)</sup>

max.  
length of  
connector  
mm

mm<sup>2</sup>

mm

mm

### 3.6/6 (7.2) kV – 3.8/6.6 (7.2) kV

CAM	6/1	50 – 185	13.2 – 22.8	150
CAM	6/2	240 – 400	20.9 – 28.4	150
CAM	6/3	50 – 400 *	13.2 – 28.4	150

### 6/10 (12) kV – 6.35/11 (12) kV

CAM	10/1	25 – 120	13.2 – 22.8	150
CAM	10/2	150 – 240	20.9 – 28.4	150
CAM	10/3	25 – 240 *	13.2 – 28.4	150
CAM	10/4	240 – 400	24.0 – 32.6	150

### 8.7/15 (17.5) kV

CAM	15/1	25 – 95	13.2 – 22.8	150
CAM	15/2	120 – 185	20.9 – 28.4	150
CAM	15/3	25 – 185 *	13.2 – 28.4	150

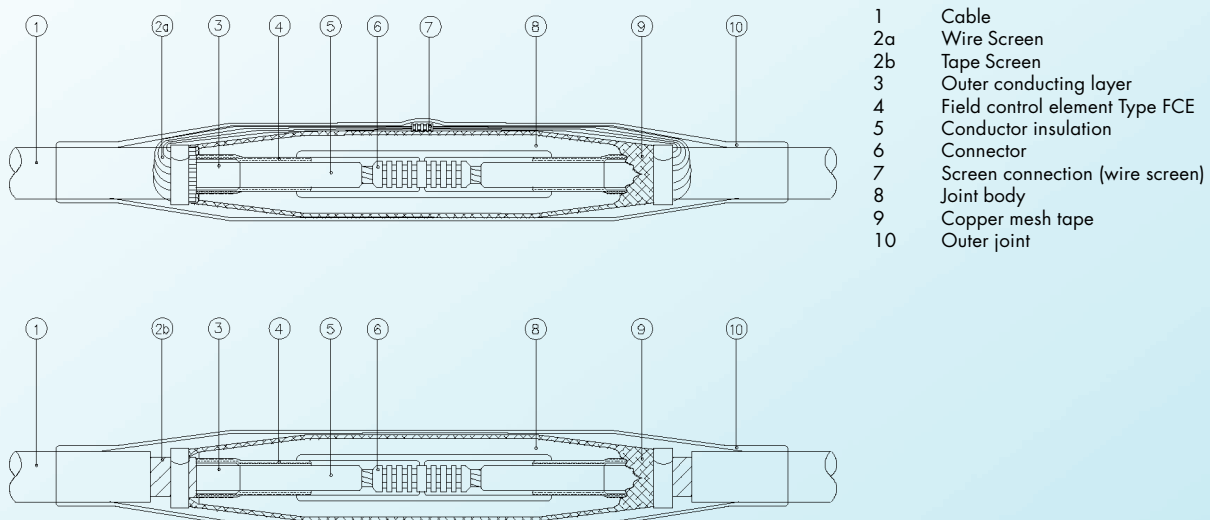
### 12/20 (24) kV – 12.7/22 (24) kV

CAM	20/0	16 – 50	13.2 – 22.8	150
CAM	20/1	25 – 95	18.0 – 25.0	150
CAM	20/2	70 – 150	20.9 – 28.4	150
CAM	20/3	95 – 240	24.0 – 32.6	150
CAM	20/4	25 – 240 *	18.0 – 32.6	150

\* Special kits including double stress control kits.

1) Check minimum diameter over conductor insulation.

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



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