



ACCESSORIES

Voltage connectors - type COT 10-95 A - for LV ABC conductors

Code: COT 10-95 A

Intended use: by permanent mounting on LV Aerial Bundle Cables (ABC), for short-circuiting and earthing devices.

Application: from height, without de-energising the line, using specialised insulating tools.

Components:

- Branch terminal ENSTO - SL 11.118 – 1 piece
- Connection subassembly – 1 piece

SR EN 61230

**Technical characteristics**

Nominal voltage U_n (kV)	max. 1
Sections of insulated conductors where voltage connectors can be mounted S_c (mm ²)	10; 16; 25; 35; 50; 50 OI+AI; 70; 95
Nominal short-circuiting current for $t = 1$ s I_{sc} (kA)	8
Nominal shock (peak) current for $t = 0,02$ s I_{sd} (kA)	16
Short-circuit test current for $t = 1$ s (kA)	9,2
Shock (peak) test current for $t = 0,02$ s (kA)	18,4
Power factor (according to SR EN 61230)	2
Dielectric resistance of the housing (kV/1 min)	5,25
Housing type	Sealed and ventilated
Housing material	High density polyethylene (PEHD)
Contact element material	Aluminium alloy
Fitting material	Stainless steel
Tightening methods	With torque indicator handle wrench
Torque value	26 Nm
Protection against corrosion and oxidation (contact Al/Cu)	Contact elements: neutral tinning and vaseline with 120 °C dropping point. Fasteners: stainless steel
Measurements for the compensation of the cold leakage of the aluminium conductor	Two stainless steel elastic elements that provide a constant torque in time
Minimum permitted temperature for installation (°C)	-20
Operating temperature range (°C)	-25...+55

Coupling adaptor to DPS connectors

SR EN 61230



Code: P 2295

Intended use: temporary connection at the coupling plugs of the short-circuiting devices applied on LV ABC conductors, equipped with DPS connectors.

Application: manual, without any additional tools.

Related products:

- Universal poly-phase short-circuiting device for LV overhead lines (aerial bundle cables (ABC) and bare conductors) (see page 29)
- Poly-phase short-circuiting device for LV Aerial Bundle Cables (ABC) (see page 32)

**Technical characteristics**

Nominal operating voltage U_n (kV)	max. 1
Nominal short-circuiting current for $t = 1$ s I_{sc} (kA)	6
Nominal shock (peak) current for $t = 0,02$ s I_{sd} (kA)	12
Test short-circuit current for $t = 1$ s (kA)	6,9
Test shock (peak) current for $t = 0,02$ s (kA)	13,80
Power factor (according to SR EN 61230)	2