

RSTI

Raychem Switchgear Connection System for CENELEC C1 (630 A) and C2 (1250 A) for 12-36 kV

FEATURES

- Angled prefabricated shielded adapter made of silicone rubber, which does not require heat during installation
- Integrated stress control. Separate termination not required
- 3-core kits include materials for core screening. Up to 2000 mm tail length
- Test point for capacitive voltage measurement
- Mechanical lugs included. Compression lugs on request
- The kits include materials for 3 phases

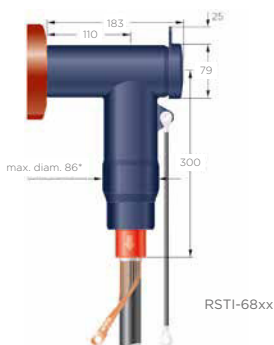
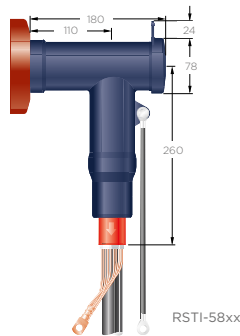
APPLICATION

- For round polymeric insulated single and 3-core cables
- For connection to insulator bushing type C1 (630 A) and C2 (1250A) in accordance with EN 50181
- Disconnection of the body is only permitted when power has been turned off

CONFORMS TO

- Tested in accordance to CENELEC HD 629.1 S2

RSTI Single connection single core



Product name	12 kV (mm) ²	24 kV (mm) ²	36 kV (mm) ²	Insul. diam (mm)	Part number
RSTI-5851	35 – 95	35 – 70	–	12.7 – 23.4	CM0009-011
RSTI-5852	95 – 120	–	–	12.7 – 23.4	CM0010-011
RSTI-5853	95 – 240	95 – 185	–	17.0 – 30.1	CM0011-011
RSTI-5854	150 – 240	95 – 240	–	21.2 – 34.6	CM0012-011
RSTI-5855	185 – 300	185 – 300	–	21.2 – 34.6	CM0013-011
RSTI-5856	240 – 400	–	–	21.2 – 34.6	CR5244-011
RSTI-3951	400	–	–	28.9 – 36.4	CR6086-011
RSTI-3952	500	–	–	28.9 – 36.4	CR6085-011
RSTI-3953	630	–	–	34.0 – 45.4	CR6077-011
RSTI-3954	800	–	–	34.0 – 45.4	CR6081-011
RSTI-5951	–	400	–	34.0 – 45.4	CR6082-011
RSTI-5952	–	500	–	34.0 – 45.4	CR6083-011
RSTI-5953	–	630	–	39.1 – 59.0	CR6084-011
RSTI-5954	–	800	–	39.1 – 59.0	CR6080-011
RSTI-6851	–	–	35 – 95	22.4 – 35.5	CR4949-011
RSTI-6852	–	–	95 – 150	22.4 – 35.5	CR4990-011
RSTI-6853	–	–	120 – 240	28.9 – 42.0	CR5011-011
RSTI-6855	–	–	185 – 300	28.9 – 42.0	CR5012-011
RSTI-6951	–	–	400	34.0 – 45.4	CR6079-011
RSTI-6952	–	–	500 – 630	39.1 – 59.0	CR6078-011
RSTI-6953	–	–	800	39.1 – 59.0	CR6087-011

NOTE

Mechanical lugs included. Compression lugs are available on request.
Core screen kits for copper tape screens available on request (add suffix 01 to part number).
Pins are required to couple RSTI-CC-58xx and RSTI-CC-68xx to RSTI-x95x, RSTI-SA.

RSTI-CC

Raychem Switchgear Connection System for CENELEC C1 (630 A) and C2 (1250 A) for 12-36 kV

FEATURES

- Angled prefabricated shielded parallel adapter made of silicone rubber, which does not require heat during installation
- Integrated stress control. Separate termination not required
- 3-core kits include materials for core screening. Up to 2000 mm tail length
- Test point for capacitive voltage measurement
- Mechanical lugs included. Compression lugs on request
- The kits include materials for 3 phases

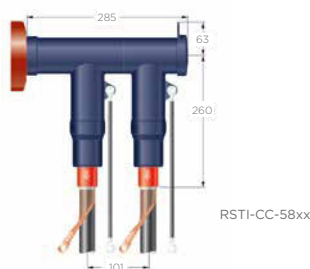
APPLICATION

- For parallel connection to adapter type RSTI-58xx
- For round polymeric insulated single and 3-core cables
- Disconnection of the body is only permitted when power has been turned off

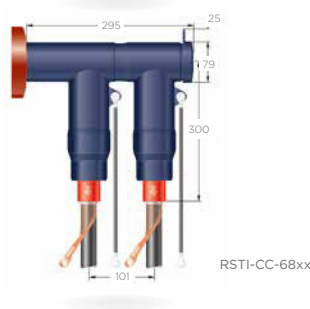
CONFORMS TO

- Tested in accordance to CENELEC HD 629.1 S2

RSTI Parallel connection single core



RSTI-CC-58xx



RSTI-CC-68xx

Product name	12 kV (mm) ²	24 kV (mm) ²	36 kV (mm) ²	Insul. diam (mm)	Part number
RSTI-CC-5851	35 – 95	35 – 70	–	12.7 – 23.4	CM0094-011
RSTI-CC-5852	95 – 120	–	–	12.7 – 23.4	CM0095-011
RSTI-CC-5853	95 – 240	95 – 185	–	17.0 – 30.1	CM0096-011
RSTI-CC-5854	150 – 240	95 – 240	–	21.2 – 34.6	CM0097-011
RSTI-CC-5855	185 – 300	185 – 300	–	21.2 – 34.6	CM0099-011
RSTI-CC-5856	240 – 400	–	–	21.2 – 34.6	CR5240-011
RSTI-CC-3951	400	–	–	28.9 – 36.4	CS8877-011
RSTI-CC-3952	500	–	–	28.9 – 36.4	CS8875-011
RSTI-CC-3953	630	–	–	34.0 – 45.4	CS8874-011
RSTI-CC-3954	800	–	–	34.0 – 45.4	CS8884-011
RSTI-CC-5951	–	400	–	34.0 – 45.4	CS8880-011
RSTI-CC-5952	–	500	–	34.0 – 45.4	CS8879-011
RSTI-CC-5953	–	630	–	39.1 – 59.0	CS8872-011
RSTI-CC-5954	–	800	–	39.1 – 59.0	CS8882-011
RSTI-CC-6851	–	–	35 – 95	22.4 – 35.5	CR7869-011
RSTI-CC-6852	–	–	95 – 150	22.4 – 35.5	CR7867-011
RSTI-CC-6853	–	–	120 – 240	28.9 – 42.0	CR7866-011
RSTI-CC-6855	–	–	185 – 300	28.9 – 42.0	CR7868-011
RSTI-CC-6951	–	–	400	34.0 – 45.4	CS8881-011
RSTI-CC-6952	–	–	500 – 630	39.1 – 59.0	CS8873-011
RSTI-CC-6953	–	–	800	39.1 – 59.0	CS8876-011

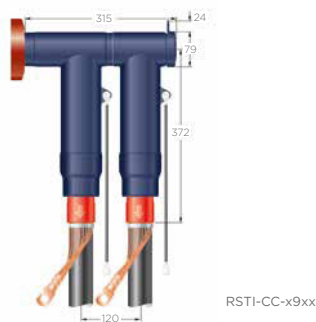
NOTE

Mechanical lugs included. Compression lugs are available on request.
Core screen kits for copper tape screens available on request (add suffix 01 to part number).
Pins are required to couple RSTI-CC-58xx and RSTI-CC-68xx to RSTI-x95x, RSTI-SA.

Trifurcation kits for screened 3-core cables

Product name Kit length 600 mm	Part number	Part number Kit length 1200 mm	Part number	Dimensions over insulation (min. - max. mm)	Overall diameter (min. - max. mm)
RSTI-TRF-02	CF9506-011	RSTI-TRF-02-1200	CP7143-011	17.6 – 35.6	50.0 – 90.0

RSTI accessories



RSTI-CC-x9xx

Product name	Accessory type	Part number
RSTI-68TR; Length: 310 mm	Test rod	CN9357-011
RSTI-68TRL; Length: 460 mm	Test rod	CN9356-011
RSTI-68TRA; Kit includes 2 short and 1 long testrod	Test rod	CN9358-011
RSTI-68TP	Terminating plug	CS9958-000
RSTI-68EA20; Ball diameter: 20 mm	Earthing adapter	CS8406-011
RSTI-68EA25; Ball diameter: 25 mm	Earthing adapter	CS8405-011
RSTI-SA-PIN	Coupling Pin	CU2787-011



Test rod



Terminating plug



Earthing adapter

RSTI-SA

Raychem Screened Surge Arrester System 630 A for 12-36 kV

FEATURES

- Angled screened surge arrester
- The conductive layer on the arrester and the insulating body protect against accidental contact
- Test point for capacitive voltage measurement
- The kits include materials for 3 phases

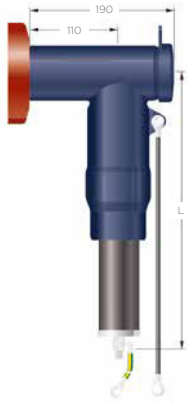
APPLICATION

- The single adapter is used to connect to type C bushings in accordance with EN 50181 in compact switchgear
- The parallel adapter is connected to RSTI-58xx type connectors

CONFORMS TO

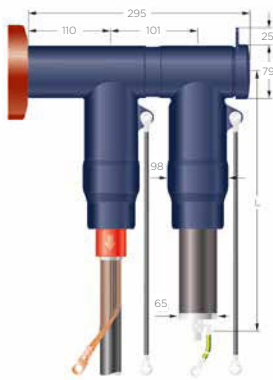
- Tested in accordance with IEC 60099-4 (May 2004)

RSTI-SA



Product name	Rated voltage kV	Part number
Single connection		
RSTI-68SA1210	12	CS8930-000
RSTI-68SA2410	24	CS8925-000
RSTI-68SA3610	36	CS8920-000
Parallel connection		
RSTI-CC-68SA1210	12	CS3113-000
RSTI-CC-68SA2410	24	CS3114-069
RSTI-CC-68SA3610	36	CS3036-000

Technical data for single and parallel connection



Discharge current I_n	10 kA
Current impulse 4/10 μ s	100 kA
Short circuit current I_S	20 kA
Long-duration current impulse (1ms)	212 A

Residual voltages (kV)			
Voltage class UC	12	24	36
Rated voltage U_R	15	30	45
Current impulse 8/20 μs			
5 kA	39.1	78.2	117.3
10 kA	41.5	83.0	124.5
20 kA	45.7	91.4	137.1
Current impulse 1/20 μs			
10 kA	43.9	87.8	131.7
Current impulse 1/20 μs			
125 kA	31.5	63.1	94.7
500 kA	32.4	64.9	97.4