

## RCST

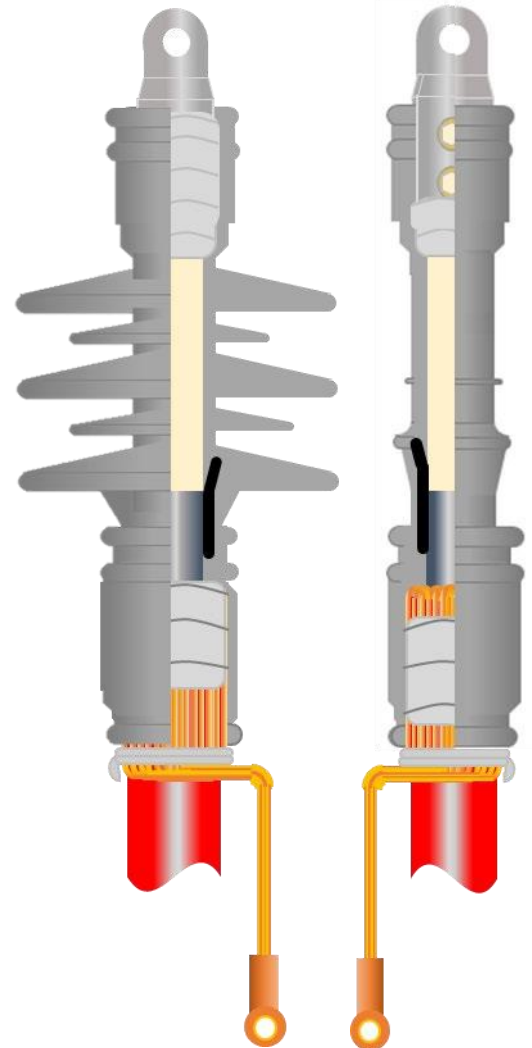
REPL Cold Shrinkable Terminations are suitable for installations on medium voltage cables with polymeric insulation from 12kV to 36kV.

The termination is a one piece moulded design with an outer layer of highly track resistant silicone rubber and integrated conductive geometric stress cone.

The termination bodies are pre-expanded onto a spiral former providing a suitable diameter to allow easy locating over cables and lugs. Once correctly located the body is collapsed by simply pulling out the spiral tape. After installation, the termination provides a reliable, void free and flexible termination suitable for both indoor and outdoor environments.

Because the RCST requires no special tools or heat source for installation, it is ideal for areas where heat torches are not allowed. There is a range of bodies in various lengths and moulded shed arrangements to cover indoor and outdoor terminations from 12kV to 36kV in single core and three core designs.

- Tested to **CENELEC HD 629.1.S2**
- Quick and easy installation using no heat source or tools
- One piece design with integrated stress control
- Silicon Rubber material for excellent electrical insulation and weathering properties
- Moulded sheds to extend creepage path for outdoor and highly polluted/coastal areas
- Can be combined with gland or earth kit for armoured cables
- Suitable for a wide range of mechanical and compression cable lugs
- Standard Colour : Light Grey
- Long shelf life under normal storage conditions
- Range of bodies available for cables from 12kV to 36kV in single core / three cores



TECHNICAL DETAILS				
Voltage Class >	12kV	17.5kV	24kV	36kV
Cross Section Range (mm <sup>2</sup> )	50-1000	35-1000	35-1000	35-1000
Cable Insulation Diameter (mm)	25-46	17-48	18-50	24-55
Voltage Rating U <sub>0</sub> /U (U <sub>m</sub> ) kV	6.35/11 (12)	8.7/15 (17.5)	12.7/22 (24)	19/33 (36)
Basic Impulse Level (BIL) kV	95	95	125	194
Partial Discharge at 1.73U <sup>0</sup> (pC)	<10	<10	<10	<10
AC Voltage Withstand , 5 min (kV)	>28.5	>39	>57	>85.5
DC Voltage Withstand , 15min (kV)	>38	>52	>76	>114

Please see overleaf for details of the range and kit options