

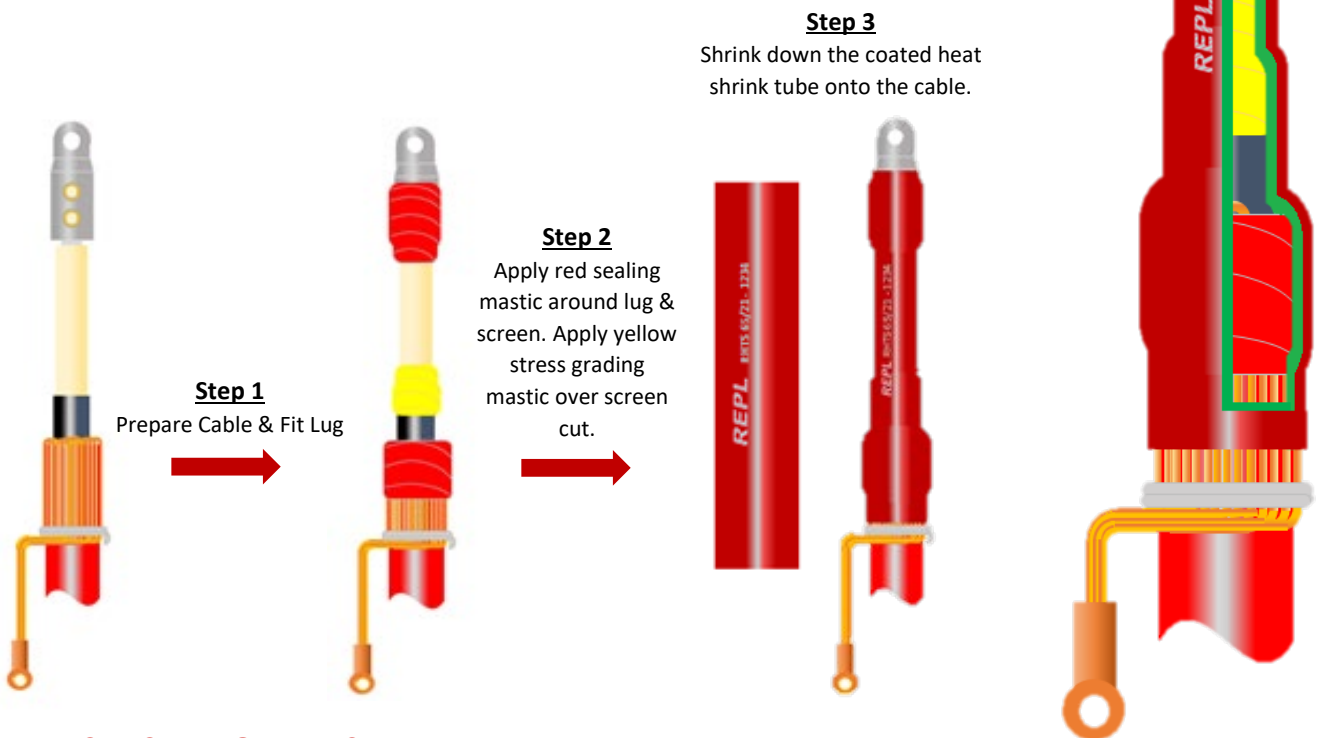
RHTS-X (One-piece Heat Shrink Design)

For Polymeric Insulated Cables up to 24kV

REPL range of RHTS Heat Shrink Terminations are suitable for installations on medium voltage extruded insulated cables (e.g. XLPE, EPR, PE...) with maximum system voltage of 24kV. The termination comprises of a heat shrinkable tube with excellent electrical, anti-tracking and weathering characteristics, and an internal coating which provides exceptional electrical stress control and void filling properties.

Kits are available for use on single and 3 core cables and both for indoor and outdoor applications. The design is compatible with the use of either compression or mechanical torque shear cable lugs.

- Tested to CENELEC HD 629.1.S2
- Heat shrinkable tubing with internal stress control coating
- Unlimited Shelf life
- Available for single and three core cables and indoor and outdoor applications
- Solderless earth kits available for cables with tape screens
- Small range covers wide cable cross sections
- IEC Pollution level III (Heavy)
- Quick and easy installation in three simple steps:



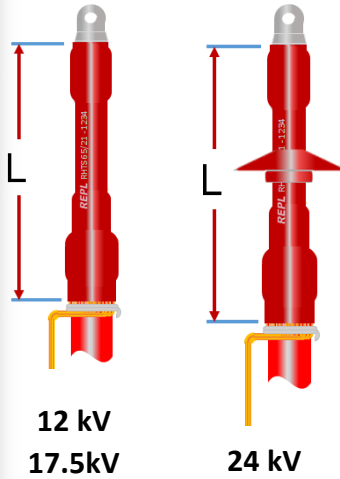
ELECTRICAL PROPERTIES:

Voltage Class >	7.2kV	12kV	17.5kV	24kV
Cross Section Range (mm ²)	25-630	35-800	35-630	35-630
Cable Insulation Diameter (mm)	13.5-35.8	14.6-45.6	17.7-47.1	18-49.8
Voltage Rating U ₀ /U (U _m) kV	3.8/6.6 (7.2)	6.35/11 (12)	8.7/15 (17.5)	12.7/22 (24)
Basic Impulse Level (BIL) kV	60	95	95	125
Partial Discharge at 2U ⁰ (pC)	<10	<10	<10	<10
AC Voltage Withstand , 1 min (kV)	15	25.5	35	51
AC Voltage Withstand , 5 min (kV)	17	28.5	39	57
DC Voltage Withstand , 15 min (kV)	23	38	52	76

Please see overleaf for details of the range and kit options

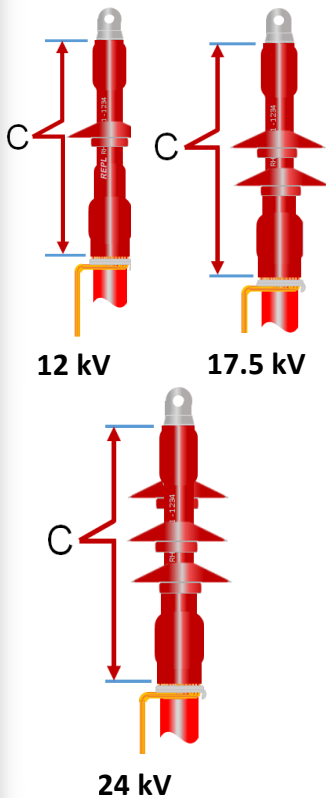
RHTS-X (One-piece Heat Shrink Design)

Single Core INDOOR Termination up to 24kV:



Product Code	System Voltage kV	Cable Insulation Diameter Range (mm)	*Cable Cross Section Range (mm ²)	Termination Length : (mm)
RHTSI-12X-35-95-1	12	10-20mm	35-95	300
RHTSI-12X-95-240-1	12	20-28mm	95-240	300
RHTSI-12X-120-300-1	12	25-32mm	120-300	300
RHTSI-12X-400-630-1	12	30-55mm	400-630	300
RHTSI-17X-35-95-1	17.5	10-20mm	35-95	330
RHTSI-17X-95-185-1	17.5	20-28mm	95-185	330
RHTSI-17X-120-300-1	17.5	25-32mm	120-300	330
RHTSI-17X-400-630-1	17.5	30-55mm	400-630	350
RHTSI-24X-50-95-1	24	20-28mm	50-95	400
RHTSI-24X-120-300-1	24	25-32mm	120-300	400
RHTSI-24X-400-630-1	24	30-55mm	400-630	400

Single Core OUTDOOR Termination up to 24kV:



Product Code	System Voltage kV	Cable Insulation Diameter Range (mm)	*Cable Cross Section Range (mm)	**Termination Creepage Length C : (mm)	Pollution Class IEC 60071-2
RHTSO-12X-35-95-1	12	10-20mm	35-95	355	III
RHTSO-12X-95-240-1	12	20-28mm	95-240	350	III
RHTSO-12X-120-300-1	12	25-32mm	120-300	345	III
RHTSO-12X-400-630-1	12	30-55mm	400-630	372	IV
RHTSO-17X-35-95-1	17.5	10-20mm	35-95	440	III
RHTSO-17X-95-185-1	17.5	20-28mm	95-185	424	III
RHTSO-17X-120-300-1	17.5	25-32mm	120-300	435	III
RHTSO-17X-400-630-1	17.5	30-55mm	400-630	452	III
RHTSO-24X-50-95-1	24	20-28mm	50-95	590	III
RHTSO-24X-120-300-1	24	25-32mm	120-300	600	III
RHTSO-24X-400-630-1	24	30-55mm	400-630	598	III

*Cable Cross Section is only a guide – exact section should be based on insulation diameter & outer jacket diameter.

**Higher creepage distance can be achieved by ordering longer terminations – consult REPL for details

REPL reserve the right to update the information contained in this document at any time without notice. It is the users responsibility to ensure it is suitable for the intended application. Any implied warranty relating to fitness for a particular purpose are explicitly excluded unless agreed in writing by REPL.

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