



HIGH VOLTAGE HEAT SHRINK SELF-SUPPORTING TERMINATION (OHVT-HS) UP TO 72 kV

KEY FEATURES

- Self-supporting design with an insulator
- Available for different creepage lengths
- No special tools required for installation
- Isolated base plate for sectionalizing
- Fittings made up of corrosion-resistant alloy
- Easy lifting of installed termination from ground

TE Connectivity's (TE) Raychem High Voltage (HV) heat shrink self-supporting outdoor termination (OHVT-HS) is designed for operating voltages up to 72 kV. The HV termination can operate under severe environmental conditions to meet the requirements of the customer.

The termination is designed such that it is compatible with polymeric insulated cables independent of the manufacturer and can be adapted for various cable constructions. The self-supporting insulator structure is available for heat shrink terminations up to 72 kV with different creepage lengths, covering extreme pollution levels. The insulator kit comes with an isolated base plate for sectionalizing. The metal fitting associated with the termination are manufactured from corrosion-resistant alloy. The installation of the termination can be done by trained installer equipped with conventional tools.

The termination is designed and tested according to IEC 60840. The insulator structure is designed and tested according to IEC 62217.

The termination can be combined with TE's SIMAFLEX high voltage clamps which are designed to support and connect overhead aluminium flexible conductors to copper or aluminium equipment terminals. The mechanical connection bolts used for fixing have a diameter in the range of 30/40/50 mm.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

HV Heat Shrink Self-Supporting Termination (OHVT-HS)



The assembled termination from the ground can be lifted and placed into high positioned installation sites.

The heat shrink termination and the self-supporting structure are together available as a complete kit for 52 and 72 voltage levels.

TECHNICAL DATA

	52 kV	72 kV
Rated voltage U ₀ /U (U _m)	26 /46 (52) kV	36 /69 (72.5) kV
Basic impulse level	250 kV	325 kV
Heating cycle voltage	52 kV	72 kV
Partial discharge voltage	39 kV	54 kV
AC voltage withstand	65 kV	90 kV
Short circuit current (sheath)	40 kA / 1 sec	40 kA / 1 sec
Creepage (Pollution class IEC 60815)	a - e	a - e

APPLICATION RANGE

	52 kV	72 kV
Conductor	2500 mm ²	2500 mm ²
Diameter over Insulation	30 mm - 77 mm	30 mm - 86 mm
Diameter over sheath	100 mm	100 mm

All listed dimensions are standard size to serve the common application of these terminations. For special applications and a complete selection table please contact your TE Connectivity representative.

te.com/energy

© 2018 TE Connectivity. All Rights Reserved. EPP-3062-5/18

Raychem, SIMAFLEX, TE Connectivity and TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

FOR MORE INFORMATION: TE Technical Support Centers

USA:	+ 1 800 327 6996
Canada:	+ 1 (905) 475-6222
Mexico:	+ 52 (0) 55-1106-0800
Latin/S. America:	+ 54 (0) 11-4733-2200
France:	+ 33 380 583 200
UK:	+ 44 0870 870 7500
Germany:	+ 49 896 089 903
Spain:	+ 34 916 630 400
Italy:	+ 39 333 250 0915
Benelux:	+32 16 508 695
Russia:	+7 495-790 790 2-200
China:	+ 86 (0) 400-820-6015