

MOD-3-HVT 3/C Modification Kits

FEATURES

- Cut-to-length re-jacketing material for phases and grounds included in all kits.
- 3A and 3B kits include a six-legged, environmental crotch sealing boot (adhesive lined) and plugs for unused grounding legs

APPLICATIONS

- Use TE's Raychem MOD-3-HVT kits in conjunction with three 1/C terminations to seal and re-jacket the cable terminations (5 - 35 kV).

BENEFITS

- ♦ MOD-3-HVT kits are available for both unsealed and sealed applications.
- ♦ Comprised of high quality materials for a long, trouble free service life.
- ♦ Unlimited shelf life when stored in normal conditions



PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MM)

Indoor (Without Breakout Boot)	
1/C Termination Indoor	MOD-3-HVT Kit
5-8 kV	Indoor
HVT-Z-80-G/SG	MOD-3X-HVT*
HVT-Z-81-G/SG	MOD-3X-HVT
HVT-Z-82-G/SG	MOD-3X-HVT
HVT-Z-83-G/SG	MOD-3Y-HVT
HVT-Z-84-G/SG	MOD-3Y-HVT
15 kV	
HVT-Z-151-G	MOD-3X-HVT
HVT-Z-152-G	MOD-3X-HVT
HVT-Z-153-G	MOD-3Y-HVT
HVT-Z-154-G	MOD-3Y-HVT
25 kV and 35 kV	
HVT-Z-252/352-G	MOD-3X-HVT
HVT-Z-253/353-G	MOD-3Y-HVT
HVT-Z-254/354-G	MOD-3Y-HVT

**Confirm insulation diameter and jacket OD information with table below*

Outdoor/Indoor (Includes Breakout Boot)	
1/C Termination	MOD-3-HVT Kit
5-8 kV	In/Outdoor Sealed
HVT-Z-80-G/SG	MOD-3A-HVT*
HVT-Z-81-G/SG	MOD-3A-HVT
HVT-Z-82-G/SG	MOD-3A-HVT
HVT-Z-83-G/SG	MOD-3B-HVT
HVT-Z-84-G/SG	MOD-3B-HVT*
15 kV	
HVT-Z-151-SG	MOD-3A-HVT
HVT-Z-152-SG	MOD-3A-HVT
HVT-Z-153-SG	MOD-3B-HVT
HVT-Z-154-SG	MOD-3B-HVT*
25 kV and 35 kV	
HVT-Z-252/352-SG	MOD-3A-HVT
HVT-Z-253/353-SG	MOD-3B-HVT
HVT-Z-254/354-SG	MOD-3B-HVT*

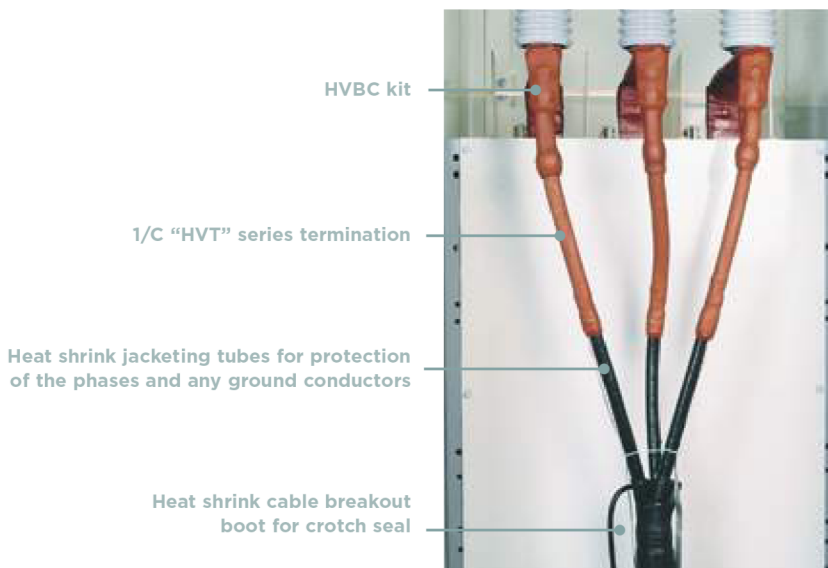
Catalog Number	Insulation Diameter (min - max)	Jacket O.D. (min - max)
MOD-3X-HVT (unsealed)	0.50-1.35 (13-34)	
MOD-3Y-HVT (unsealed)	1.00-2.70 (25-69)	
MOD-3A-HVT (sealed)	0.50-1.25 (13-32)	1.25-3.85 (32-98)
MOD-3B-HVT (sealed)	1.00-2.10 (25-53)	2.65-5.30 (67-135)

ADDITIONAL PRODUCT INFORMATION

- To select the appropriate modification kit for the HVT terminations, use the MOD-3-HVT selection table above.
- Use the MOD-3-HVT dimensions table to confirm the insulation and jacket diameters. If the diameters of your cable fall outside the MOD-3-HVT kit's use range, you can purchase MOD-3-HVT components separately. To order separately, use the ordering information on the next page.

3/C CABLE TERMINATING

MOD-3X-HVT and MOD-3Y-HVT are for jacketing of phases and ground conductors. MOD-3A-HVT and MOD-3B-HVT provide jacketing, plus an environmental crotch sealing boot. Tubing provided does not have sealant coating on the inner wall. This makes it easy to remove, like any cable jacket. Each kit includes three 4-foot long sleeves for the phases and three 4-foot long smaller sleeves for any ground conductors. (Tubing can be field-cut to appropriate length.) A unique six-legged cable breakout boot, provided in -3A and -3B kits, has an internal coating of a special adhesive to provide total environmental sealing of the cable crotch (breakout) area. It has three large legs for the phases and three smaller legs for ground conductors. Plugs are included for insertion into any unused ground legs to maintain the environmental seal integrity.



4

MOD-3-HVT KIT COMPONENTS AND BULK ORDERING INFORMATION

Catalog Number	Kit Catalog	Component Catalog Number	Bulk Ordering Catalog Number
MOD-3X-HVT	Uncoated tubing to re-jacket each phase Uncoated tubing to re-jacket each ground Sealant strip	3 each MWTM-35/12-1200/U 3 each MWTM-16/5-1500/U 1 each S1085-3-380	MWTM-35/12-A/U MWTM-16/5-A/U S1085-3-380
MOD-3Y-HVT	Uncoated tubing to re-jacket each phase Uncoated tubing to re-jacket each ground Sealant strip	3 each MWTM-85/25-1500/U 3 each MWTM-16/5-1200/U 1 each S1085-3-380	MWTM-85/25-A/U MWTM-16/5-A/U S1085-3-380
MOD-3A-HVT	Uncoated tubing to re-jacket each phase Uncoated tubing to re-jacket each ground Sealant strip Cable breakout boot Cable breakout plugs Sealant-coated shim tubing	3 each MWTM-35/12-1200/U 3 each MWTM-16/5-1200/U 1 each S1085-3-380 1 each CBR-6-1-A 3 each CBR-PLUG 1 each WCSM-70/20-150-S	MWTM-35/12-A/U MWTM-16/5-A/U S1085-3-380 CBR-6-1-A CBR-PLUG WCSM-70/20-1200-S
MOD-3B-HVT	Uncoated tubing to re-jacket each phase Uncoated tubing to re-jacket each ground Sealant strip Cable breakout boot Cable breakout plugs Ground wire shim tubing	3 each MWTM-85/25-1500/U 3 each MWTM-16/5-1200/U 1 each S1085-3-380 1 each CBR-6-2-A 3 each CBR-PLUG 3 each WCSM-24/6-150-S	MWTM-85/25-A/U MWTM-16/5-A/U S1085-3-380 CBR-6-2-A CBR-PLUG WCSM-24/6-150-S (B50)

Note: MOD-3-HVT kits should be installed prior to installing TE Connectivity HVT kits.

ADDITIONAL PRODUCT INFORMATION

- Standard package: 1 kit/box.
- Kit contents: Unsealed (-3X and -3Y) kits contain re-jacketing tubes for phase and ground conductors, and sealant for indoor terminations that don't require environmental sealing. Sealed (-3A and -3B) kits contain re-jacketing tubes, sealant, a cable breakout, and plugs for both outdoor and indoor terminations.
- Kit components can be purchased in bulk quantities.

