

## MOD-3-HVT

*3/C modification kits for Tyco Electronics' Raychem medium-voltage terminations (5–35 kV)*

Use MOD-3-HVT kits in conjunction with three Tyco Electronics 1/C terminations to seal and re-jacket the cable terminations.

MOD-3-HVT kits are available for both unsealed and sealed applications.



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### Selection information: (dimensions in inches/millimeters)

Indoor (without breakout boot) 1/C termination indoor		Outdoor/Indoor (includes breakout boot)			MOD-3-HVT kit
		MOD-3-HVT kit	1/C termination	outdoor	
<b>5–8 kV</b>					
HVT-80-G	HVT-Z-80-G	MOD-3X-HVT*	HVT-80-SG	HVT-Z-80-SG	MOD-3A-HVT*
HVT-81-G	HVT-Z-81-G	MOD-3X-HVT	HVT-81-SG	HVT-Z-81-SG	MOD-3A-HVT
HVT-82-G	HVT-Z-82-G	MOD-3X-HVT	HVT-82-SG	HVT-Z-82-SG	MOD-3A-HVT
HVT-83-G	HVT-Z-83-G	MOD-3Y-HVT	HVT-83-SG	HVT-Z-83-SG	MOD-3B-HVT
HVT-84-G	HVT-Z-84-G	MOD-3Y-HVT	HVT-84-SG	HVT-Z-84-SG	MOD-3B-HVT*
<b>15 kV</b>					
HVT-151-G	HVT-Z-151-G	MOD-3X-HVT	HVT-151-SG	HVT-Z-151-SG	MOD-3A-HVT
HVT-152-G	HVT-Z-152-G	MOD-3X-HVT	HVT-152-SG	HVT-Z-152-SG	MOD-3A-HVT
HVT-153-G	HVT-Z-153-G	MOD-3Y-HVT	HVT-153-SG	HVT-Z-153-SG	MOD-3B-HVT
HVT-154-G	HVT-Z-154-G	MOD-3Y-HVT	HVT-154-SG	HVT-Z-154-SG	MOD-3B-HVT*
<b>25 kV</b>					
HVT-252-G	HVT-Z-252-G	MOD-3X-HVT	HVT-252-SG	HVT-Z-252-SG	MOD-3A-HVT
HVT-253-G	HVT-Z-253-G	MOD-3Y-HVT	HVT-253-SG	HVT-Z-253-SG	MOD-3B-HVT
HVT-254-G	HVT-Z-254-G	MOD-3Y-HVT	HVT-254-SG	HVT-Z-254-SG	MOD-3B-HVT*
HVT-255-G	HVT-Z-255-G	MOD-3Y-HVT*	HVT-255-SG	HVT-Z-255-SG	MOD-3B-HVT*
<b>35 kV</b>					
HVT-352-G	HVT-Z-352-G	MOD-3X-HVT	HVT-352-SG	HVT-Z-352-SG	MOD-3A-HVT
HVT-353-G	HVT-Z-353-G	MOD-3Y-HVT	HVT-353-SG	HVT-Z-353-SG	MOD-3B-HVT
HVT-354-G	HVT-Z-354-G	MOD-3Y-HVT	HVT-354-SG	HVT-Z-354-SG	MOD-3B-HVT*
HVT-355-G	-	MOD-3Y-HVT*	HVT-355-SG	-	MOD-3B-HVT*

\*Refer to Selection information (#3) below this table.

Catalog number	Insulation diameter (min.–max.)	Jacket diameter (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)

### Ordering information:

1. Select three HVT single-conductor terminations from pages 113 - 114.
2. To select the appropriate modification kit for the HVT terminations, use the MOD-3-HVT selection table above.
3. 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.
4. To order kit components separately or in bulk quantities, use the kit components and bulk ordering information table on page 116.

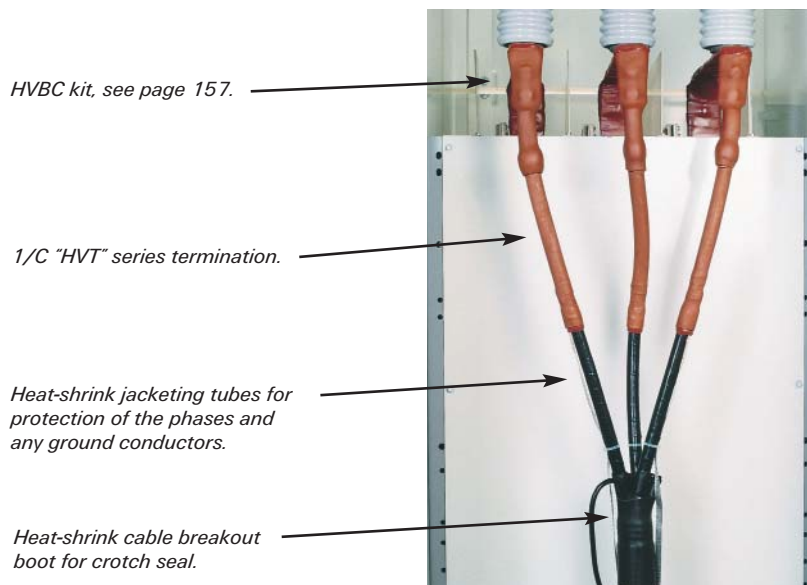
Related installation instructions: [MOD-3-HVT](#)

## Heat-Shrink Terminations

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**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.

**3/C mod kit for converting one 3/C cable to three 1/C cables.****Ordering information:**

1. Standard package: 1 kit/box.
2. 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.
3. Kit components can be purchased in bulk quantities (see table below).
4. To order cable prep kits, see page 94.

*Note: MOD-3-HVT kits should be installed prior to installing Tyco Electronics HVT kits.*

**MOD-3-HVT kit components and bulk ordering information**

Catalog number	Kit components	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	LVIT-75/25-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-70/21-150-S	MWTM-35/12-A/U MWTM-16/5-A/U S1085-3-380 CBR-6-1-A CBR-PLUG WCSM-70/21-1200S
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-20/6-150S	LVIT-75/25-A/U MWTM-16/5-A/U S1085-3-380 CBR-6-2-A CBR-PLUG WCSM-20/6-150S (B50)