



C_MOD_3HVT

MOD-3-HVT

3/C Modification Kits for Raychem Medium-Voltage Terminations (5-35 kV)

Use TE's Raychem MOD-3-HVT kits in conjunction with three 1/C terminations to seal and re-jacket the cable terminations. MOD-3-HVT kits are available for both unsealed and sealed applications.

Selection Information: dimensions in inches (millimeters)

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

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

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)

Ordering 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.

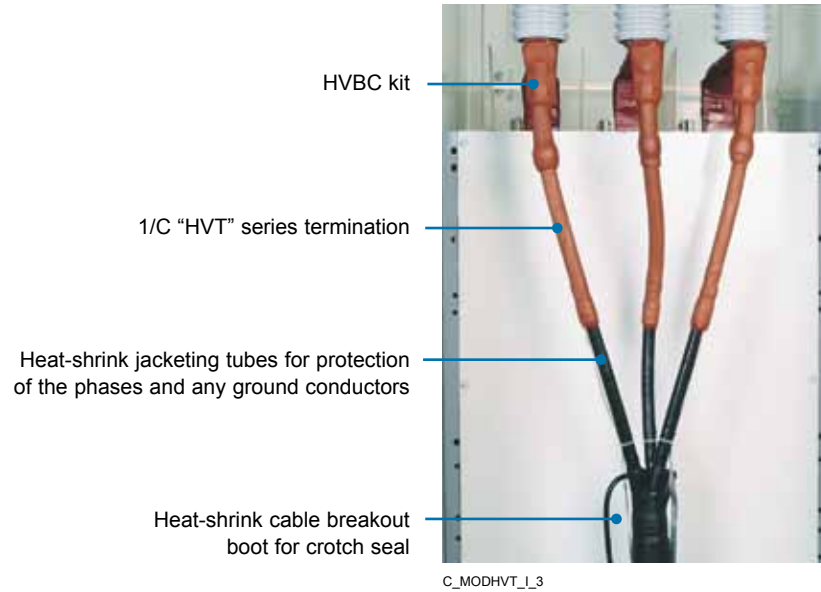
Heat-Shrink Terminations

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



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	3 each MWTM-35/12-1200/U	MWTM-35/12-A/U
	Uncoated tubing to re-jacket each ground	3 each MWTM-16/5-1500/U	MWTM-16/5-A/U
	Sealant strip	1 each S1085-3-380	S1085-3-380
MOD-3Y-HVT	Uncoated tubing to re-jacket each phase	3 each MWTM-85/25-1500/U	LVIT-75/25-A/U
	Uncoated tubing to re-jacket each ground	3 each MWTM-16/5-1200/U	MWTM-16/5-A/U
	Sealant strip	1 each S1085-3-380	S1085-3-380
MOD-3A-HVT	Uncoated tubing to re-jacket each phase	3 each MWTM-35/12-1200/U	MWTM-35/12-A/U
	Uncoated tubing to re-jacket each ground	3 each MWTM-16/5-1200/U	MWTM-16/5-A/U
	Sealant strip	1 each S1085-3-380	S1085-3-380
	Cable breakout boot	1 each CBR-6-1-A	CBR-6-1-A
	Cable breakout plugs	3 each CBR-PLUG	CBR-PLUG
	Sealant-coated shim tubing	1 each WCSM-70/21-150-S	WCSM-70/21-1200-S
MOD-3B-HVT	Uncoated tubing to re-jacket each phase	3 each MWTM-85/25-1500/U	LVIT-75/25-A/U
	Uncoated tubing to re-jacket each ground	3 each MWTM-16/5-1200/U	MWTM-16/5-A/U
	Sealant strip	1 each S1085-3-380	S1085-3-380
	Cable breakout boot	1 each CBR-6-2-A	CBR-6-2-A
	Cable breakout plugs	3 each CBR-PLUG	CBR-PLUG
	Ground wire shim tubing	3 each WCSM-20/6-150-S	WCSM-20/6-150-S (B50)

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

Ordering 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.



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25 kV and 35 kV			
HVT-Z-252/352-G	MOD-3X-HVT	HVT-Z-252/352-G	MOD-3A-HVT
HVT-Z-253/353-G	MOD-3Y-HVT	HVT-Z-253/353-G	MOD-3B-HVT
HVT-Z-254/354-G	MOD-3Y-HVT	HVT-Z-254/354-G	MOD-3B-HVT*

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

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MOD-3B-HVT (sealed)	1.00-2.10 (25-53)	2.65-5.30 (67-135)

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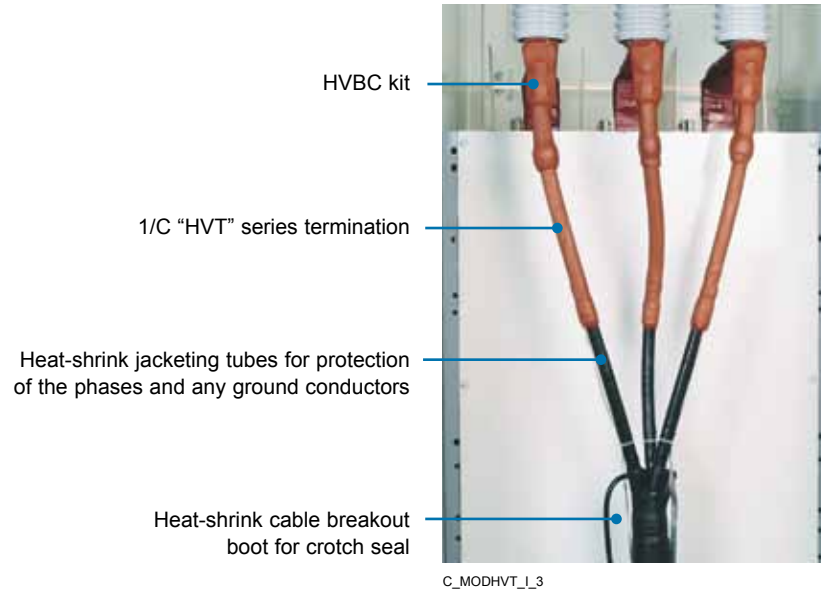
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	Uncoated tubing to re-jacket each ground	3 each MWTM-16/5-1500/U	MWTM-16/5-A/U
	Sealant strip	1 each S1085-3-380	S1085-3-380
MOD-3Y-HVT	Uncoated tubing to re-jacket each phase	3 each MWTM-85/25-1500/U	LVIT-75/25-A/U
	Uncoated tubing to re-jacket each ground	3 each MWTM-16/5-1200/U	MWTM-16/5-A/U
	Sealant strip	1 each S1085-3-380	S1085-3-380
MOD-3A-HVT	Uncoated tubing to re-jacket each phase	3 each MWTM-35/12-1200/U	MWTM-35/12-A/U
	Uncoated tubing to re-jacket each ground	3 each MWTM-16/5-1200/U	MWTM-16/5-A/U
	Sealant strip	1 each S1085-3-380	S1085-3-380
	Cable breakout boot	1 each CBR-6-1-A	CBR-6-1-A
	Cable breakout plugs	3 each CBR-PLUG	CBR-PLUG
	Sealant-coated shim tubing	1 each WCSM-70/21-150-S	WCSM-70/21-1200-S
MOD-3B-HVT	Uncoated tubing to re-jacket each phase	3 each MWTM-85/25-1500/U	LVIT-75/25-A/U
	Uncoated tubing to re-jacket each ground	3 each MWTM-16/5-1200/U	MWTM-16/5-A/U
	Sealant strip	1 each S1085-3-380	S1085-3-380
	Cable breakout boot	1 each CBR-6-2-A	CBR-6-2-A
	Cable breakout plugs	3 each CBR-PLUG	CBR-PLUG
	Ground wire shim tubing	3 each WCSM-20/6-150-S	WCSM-20/6-150-S (B50)

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