



Short Terminations For Limited Spaces



- The same easy installation and reliable performance of 3M's respected medium-voltage QT-III terminations
- Termination solution to help meet NEC Code for shielded cables above 2400 volts
- 8.5" installed length fits in small enclosures
- Easier installation for motors, starters, switchgear and transformers
- Meets IEEE standard 48-1996

The Product

The 3M™ Short Termination QT-III 762X-T-95 Series terminations are one-piece, non-skirted silicone rubber terminations with factory-applied, pre-positioned Hi-K stress control layers underneath the insulator. They are based on cold shrink technology, field proven over the 40 years since 3M introduced it.

The terminations also include a built-in high-dielectric constant (Hi-K) semi-con step-filling mastic and a built-in conformable mastic top seal, with the complete assembly pre-stretched and loaded onto a removable core. The insulator is made of a dark gray silicone rubber with advanced tracking resistance and hydrophobic properties.

Applications

These kits are designed for terminating solid dielectric shielded power cable rated 5 through 8kV, with tape shield, wire shield and UniShield® constructions. They are compliant with the NEC Code, which now requires shielding for cables used for applications of 2400 volts and above.

The short 8.5" installed length of this short termination from 3M is excellent for installations in limited spaces, such as those with motors, starters, switchgear, variable speed drives, transformers and similar connections. In some cases the shorter length reduces the need to add auxiliary boxes when only limited space is available in existing ones.

They can be used in indoor (weather-protected) locations and installed upright or mounted with brackets.

Benefits

With the semi-con step stress control and top seal built in, the 3M Cold Shrink Short Termination QT-III is easier to install than most traditional terminations and helps reduce both the time needed for installation and the risk of errors. This often offers a lower total installed cost for terminations.

The shorter installed length helps minimize the need for modifications or redesigns of small enclosures to fit where a longer termination won't fit.

Kit Number	Primary Insulation O.D. Range	Jacket O.D. Range	Conductor AWG Size Range	
			5 kV	8.7kV
7620-T-95	0.32" - 0.59" (8,2 - 15,0 mm)	0.52" - 0.78" (13,3 - 19,9 mm)	8-4	8-6
7621-T-95	0.44" - 0.89" (11,2 - 22,7 mm)	0.65" - 1.05" (16,6 - 26,8 mm)	2-3/0	4-2/0
7622-T-95 (New)	0.64" - 1.08" (16,3 - 27,4 mm)	0.97" - 1.48" (24,6 - 37,7 mm)	4/0-400	3/0-300
7624-T-95 (New)	0.83" - 1.53" (21,1 - 38,9 mm)	1.12" - 1.87" (28,4 - 47,5 mm)	500-750	350-700
7625-T-95 (New)	1.05" - 1.80" (26,7 - 45,7 mm)	1.39" - 2.40" (35,2 - 61,0 mm)	700-1500	600-1250



Caution: Working around energized electrical systems may cause serious injury or death. Installation should be performed by personnel familiar with good safety practice in handling electrical equipment. De-energize and ground all electrical systems before installing product.

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Important Notice

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

Warranty; Limited Remedy; Limited Liability.

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