

## Heat-Shrinkable Motor Connections



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## MCK and MCK-5

*MCK to 2000V, MCK-5 to 8.7kV, flame retardant*

### Type V

The Type V kit is designed to splice the stub or butt configuration that is commonly used where there is insufficient room to make in-line connections.

### Type L

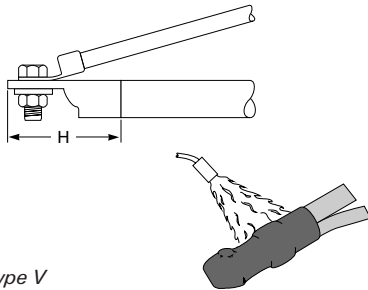
The Type L kit is used, where space permits, to splice in-line connections.

MCK is qualified to ANSI-C119.1-1986 and rated to ICEA electrical withstand test for 1000 V.

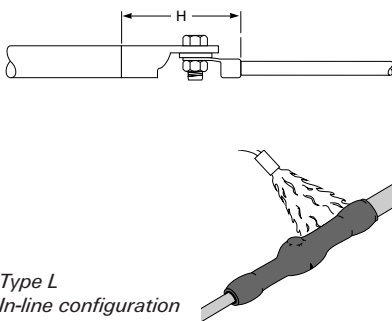
MCK-5 is rated to the general electrical requirements of the IEEE-48 withstand tests.

For use as an in-line or stub splice between 1/C poly feeder cable and motor leads.

Tyco Electronics' motor connection kit provides excellent insulation sealing—and resistance to abrasion—in motor connections.



Type V  
Stub configuration



Type L  
In-line configuration

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

Catalog number	Motor feeder size (AWG/kcmil)	Bolt length (max.)	Connection length (max.) H	Length (nominal)
<b>MCK (2000 V)</b>				
<b>Type V (stub)</b>				<b>Cap</b>
MCK-1V	#14-#10	5/8	2.0 (51)	2.5 (64)
MCK-2V	#12-#4	3/4	2.5 (64)	3.4 (86)
MCK-3V	#2-4/0	1	3.5 (89)	4.5 (114)
MCK-4V	250-500	1 1/2	5.5 (140)	6.5 (165)
<b>Type L (in-line)</b>				<b>Sleeve</b>
MCK-1L	#8-4/0	1 1/4	5.0 (127)	9.0 (229)
MCK-2L	250-1000	1 1/2	8.0 (203)	12.0 (305)
<b>*MCK (5/8.7 kV)</b>				
<b>Type V (stub)</b>				<b>Cap</b>
MCK-5-1V	#8-#2	1	5.0 (127)	7.5 (191)
MCK-5-2V	#1-250	1 1/2	6.0 (152)	8.5 (216)
MCK-5-3V	300-750	1 1/2	7.0 (178)	9.5 (241)
<b>*Type L (in-line)</b>				<b>Sleeve</b>
MCK-5-1L	#8-250	1	6.0 (152)	12.0 (305)
MCK-5-2L	300-1000	1 1/2	7.0 (178)	14.0 (356)

### Ordering information

- Select appropriate catalog number based on the motor feeder cable. Motor pigtail leads of the same size or smaller are suitable. MCK selections are based on the typical dimensions of low-voltage insulated cable. MCK-5 selections are based on the typical dimensions of 100%-insulated cables manufactured in accordance with the data contained in AEIC CS5-1987 and AEIC CS6-1987, as well as the dimensions of commonly used connectors. Nominal insulation thickness (100%):90 mils. For cables manufactured to other specifications, confirm selection with cable and connector dimensions.
- Shielded cable must be terminated before installing MCK-5 (use Tyco Electronics HVT-80-G/SG terminations from page 113).
- MCK and MCK-5 kits are designed for single-hole connectors and include caps and sealant strips for three connections. Kits do not contain connectors.
- Standard package:
  - MCK: 5 kits/box.
  - MCK-5: 1 kit/box.
- Related test reports:
  - MCK: [EDR-5110](#)
  - MCK-5: [EDR-5010](#)

Related installation instructions

[MCK-xV](#) [MCK-5-xL](#) [MCK-5-xV](#)  
[MCK-L](#)