

LINE NO.	DESCRIPTION	QTY. PER KIT
1	CONNECTOR #1 - COMPRESSION TERMINAL	2
2	CONNECTOR #2 - BOLTED TERMINAL	2
3	CONDUCTOR LEAD	2
4	HEAT SHRINK WRAP	2
5	SCREW HEX	2
6	WASHER FLAT	2
7	WASHER SPLIT LOCK	2
8	NUT HEX	2
9	TEF-GEL SAMPLE	1
10	WRENCH ALLEN 1/4"	1

REVISIONS				
REV	CRCO	DESCRIPTION	REV. BY	REV. DATE
A		PRODUCTION RELEASE	JVW	12/16/2016
B	70	CORRECTION TO MTL KIT INSTALLATION INSTRUCTIONS	JVW	10/12/2017
C		ADDED 2 CONDUCTOR 3.7KA NOTE ON SHEET 1	JVW	6/4/2018
D	106	REMOVED TEF-GEL BRUSH	JVW	3/12/2019
E	194	ADDED PCRX TO TABLE ON SHEET 1, ADDED PCRX TO NOTE 2 ON SHEET 2	MAD	10/20/2020

NOTE: ITEMS 5-11 NOT SHOWN.

5/16" DIA HARDWARE AND ALLEN WRENCH ARE PROVIDED FOR ALL WIRE SIZES EXCEPT #2/0.
3/8" DIA HARDWARE IS PROVIDED FOR #2/0 WIRE SIZE.

NOTE: THE KIT CONTAINS TWO CONDUCTORS CUT TO SPECIFIED LENGTH WITH COMPRESSION TERMINALS ALREADY INSTALLED ON ONE SIDE AND SHRINK-WRAPPED. BOLTED TERMINALS WILL COME UNINSTALLED. HARDWARE IS INCLUDED FOR MOUNTING THE BOLTED TERMINALS TO CUSTOMER'S SYSTEM.

Ordering Instructions

Ordering Part Number	Conductor		Dimensions		Applicable Product and Rating		Included Items for Connector #2
	Wire Length, in.	Wire Size, AWG	Hardware Dia for Hole #1	Hardware Dia. for Hole #2	Product Fault Current Rating	Product	
MTL-6-12-A	12	#6	Ø 1/2"	Ø 5/16"	3.7kA*	PCR	5/16" Hardware, Allen Wrench
MTL-6-36-A	36		Ø 5/16"		1.2kA, 2.0kA, 3.7kA*	SSD, OVP2	
MTL-6-12-B	12						
MTL-6-36-B	36		5kA		SSD, OVP2		
MTL-2-12-A	12	#2		Ø 1/2"		Ø 3/8"	15kA
MTL-2-36-A	36		Ø 5/16"				
MTL-2-12-B	12			#2/0			
MTL-2-36-B	36						
MTL-2/0-12-A	12	#2/0	Ø 1/2"	Ø 3/8"	15kA	PCR, PCRX	3/8" Hardware
MTL-2/0-36-A	36						

CUSTOM LENGTHS ARE AVAILABLE AND MAY BE ORDERED IN INCHES BY SUBSTITUTING THE "12" OR "36" IN THE MODEL NUMBERS SHOWN IN THE TABLE ABOVE (EXAMPLE: MTL-6-48-A)

MTL KITS WITHOUT CONNECTOR #2 ARE AVAILABLE AND MAY BE ORDERED BY APPENDING THE MODEL NUMBERS IN THE TABLE ABOVE WITH "-X" (EXAMPLE: MTL-6-12-A-X)

* - TWO CONDUCTORS REQUIRED FOR 3.7KA RATINGS USING #6 AWG WIRE.

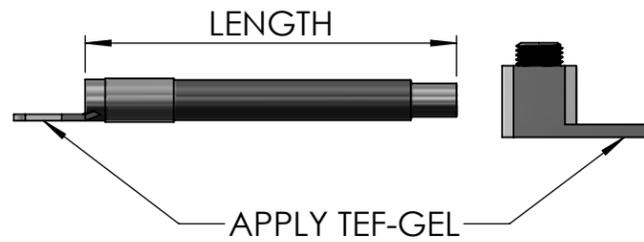
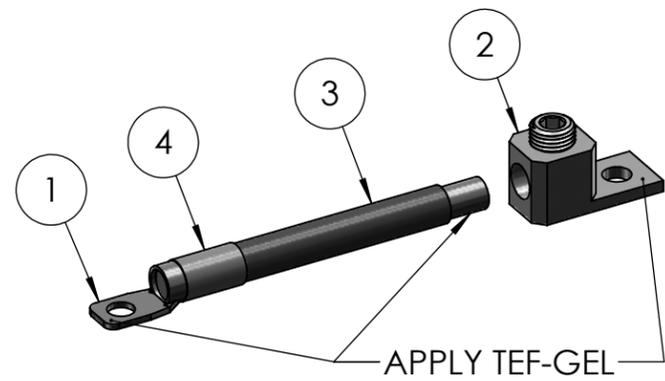
ANSI Y14.5M 1994 APPLIES
UNLESS NOTED
UNITS: INCHES
3-PLACE: ±.005
2-PLACE: ±.015
1-PLACE / FRAC: ±.03
ANGULAR: ±1



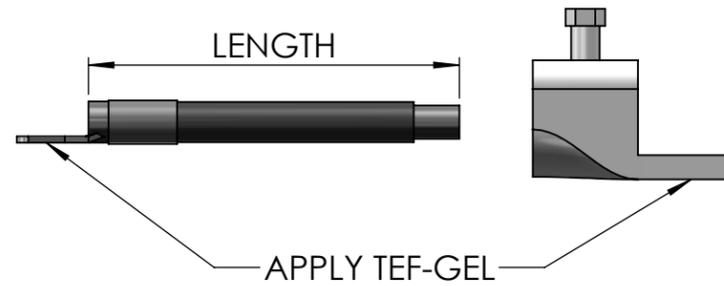
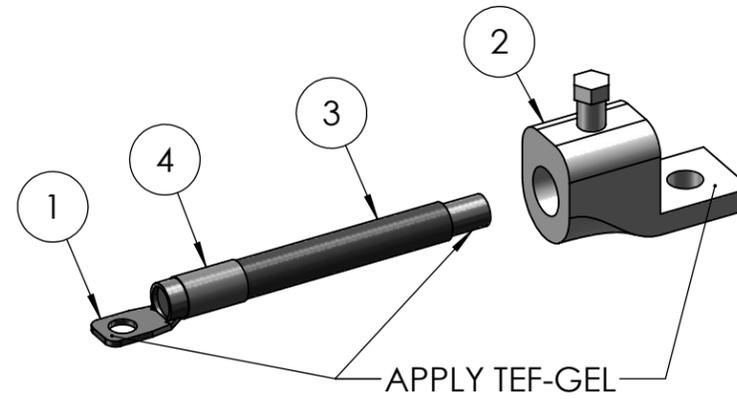
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DESCRIPTION				
MTL KIT INSTALLATION INSTRUCTIONS				
DOCUMENT #	REV	DATE DRAWN	DWG SIZE	DATE APPROVAL
100101	D	2017-10-12	B	2019-03-14
SCALE 3:4	DRAWN: SVS	SHEET: 1 OF 2	DWG APPROVAL: JVW	

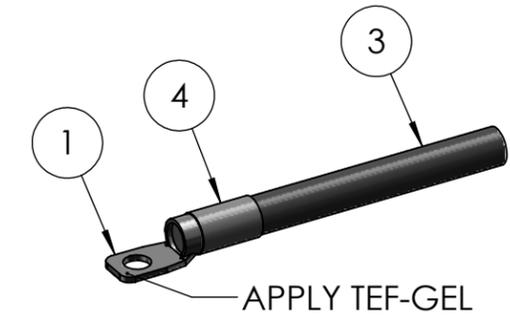
WITH WIRE SIZE #6 AND #2



WITH WIRE SIZE #2/0



WITHOUT CONNECTOR #2 (-X OPTION)



INSTALLATION INSTRUCTIONS

- FINALIZE THE LENGTH OF THE CONDUCTORS IN THE INSTALLATION AND, IF NECESSARY, CUT THE CONDUCTORS ON THE UNFINISHED SIDE TO THE FINAL LENGTH AND STRIP THE INSULATION. CUT TO THE SHORTEST FEASIBLE LENGTH FOR LIGHTNING/OVERVOLTAGE PROTECTION PURPOSES.
- USE TEF-GEL BRUSH AND TEF-GEL SAMPLE (INCLUDED WITH THE KIT) TO APPLY A LAYER OF TEF-GEL ON THE COMPRESSION TERMINAL OF THE CONDUCTOR LEAD. CONNECT CONDUCTOR LEADS TO PCR, PCRX OR SSD/OVP2 TERMINALS USING THE HARDWARE THAT CAME WITH THE PCR, PCRX OR SSD/OVP2 DECOUPLERS.
- APPLY A LAYER OF TEF-GEL ON THE COPPER STRIPPED OF THE INSULATION ON THE UNFINISHED SIDE OF THE CONDUCTORS. INSERT THE CONDUCTOR INTO THE BOLTED TERMINAL AND TIGHTEN THE SCREW.
- APPLY A LAYER OF TEF-GEL TO THE TONGUE OF THE BOLTED TERMINALS AND CONNECT THEM TO YOUR SYSTEM USING THE HARDWARE INCLUDED WITH THE KIT.

ANSI Y14.5M 1994 APPLIES
 UNLESS NOTED
 UNITS: INCHES
 3-PLACE: ±.005
 2-PLACE: ±.015
 1-PLACE / FRAC: ±.03
 ANGULAR: ±1



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DESCRIPTION MTL KIT INSTALLATION INSTRUCTIONS				
DOCUMENT # 100101	REV D	DATE DRAWN 2017-10-12	DWG SIZE B	DATE APPROVAL 2019-03-14
SCALE 1:2	DRAWN: SVS	SHEET: 2 OF 2	DWG APPROVAL: JWV	