
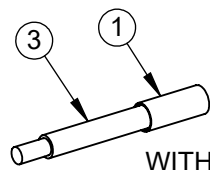
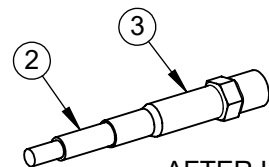


ACL ASSEMBLY

LINE NO.	DOCUMENT NUMBER	DESCRIPTION	QTY.
1	1289	TERMINAL FERRULE AXIAL FOR 2/0 EX FLEX PLATED	1
2	1291	WIRE INSULATED 2/0 EXTRA FLEXIBLE	1
3	2879	HEAT SHRINK ID 1.1" HS4-30-4	1
4	3041	TEF-GEL	1
5	 1295	OPTIONAL TERMINAL BOLTED 2/0-4/0 1 HOLE 1/2"	1



WITHOUT HEAT SHRINK TUBING

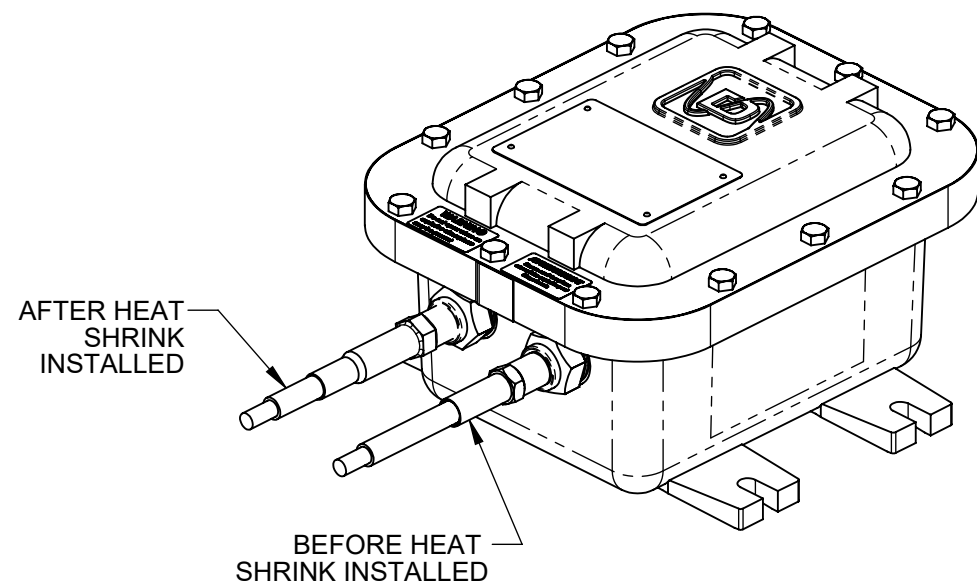


AFTER HEAT SHRINK INSTALLED


INSTRUCTIONS FOR INSTALLING ACL LEAD OPTION

THE ACL LEAD OPTION IS NORMALLY SHIPPED ALREADY CONNECTED TO THE PCRH BUSHINGS AND SEALED WITH HEAT SHRINK SLEEVING UNLESS THE LENGTH OF EACH LEAD SPECIFIED IS GREATER THAN 15' (4.6M). IN THE UNLIKELY EVENT THAT THE ACL LEAD IS NOT ALREADY ASSEMBLED TO THE PCRH, PROCEED AS FOLLOWS:


1. CONFIRM THAT THE INNER BRASS NUT IS THREADED UP AGAINST THE INSULATING SLEEVE.
2. APPLY TEFGEL TO THE THREADED END OF THE BUSHING STUD.
3. PLACE A HEAT SHRINK SLEEVE (PROVIDED) OVER THE AXIAL CONNECTOR AND SLIDE IT ONTO THE CABLE INSULATION. ROTATE THE CONNECTOR AND CABLE TO THREAD THE AXIAL CONNECTOR FULLY ONTO THE BUSHING STUD. PREVENT THE AXIAL CONNECTOR FROM ROTATING AND FIRMLY TIGHTEN THE BRASS NUT AGAINST THE END OF THE AXIAL CONNECTOR.
4. SLIDE THE HEAT SHRINK SLEEVE OVER THE AXIAL CONNECTOR AND FULLY OVER THE INSULATING SLEEVE OF THE BUSHING AND SHRINK IN PLACE, THEREBY COMPLETING THE CONNECTION.

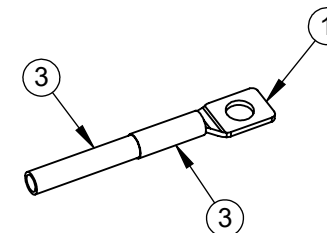


NOTE:

1. ANY PCRH WITH AXIAL CONNECTED LEADS IS FURNISHED WITH THE LEADS CONNECTED AND INSULATED WITH HEAT SHRINK SLEEVES AS ILLUSTRATED UNLESS THE LEAD LENGTH SPECIFIED IS >15FT. (>4.6m).
-  2. OPTIONAL BOLTED TERMINAL NOT INSTALLED BY DAIRYLAND ELECTRICAL INDUSTRIES. SEE SHEET 2 FOR DETAILS OF BOLTED TERMINALS AND ORDERING INFORMATION.

RACL ASSEMBLY

LINE NO.	DOCUMENT NUMBER	DESCRIPTION	QTY.
1	1290	TERMINAL, COMPRESSION, FOR 2/0 AWG FLEX, HOLE 1/2"	1
3	1291	WIRE INSULATED 2/0 EXTRA FLEXIBLE	1
3	1292	HEAT SHRINK UL224 3/4"	1
4	3041	TEF-GEL	1
5	 1295	OPTIONAL TERMINAL BOLTED 2/0-4/0 1 HOLE 1/2"	1

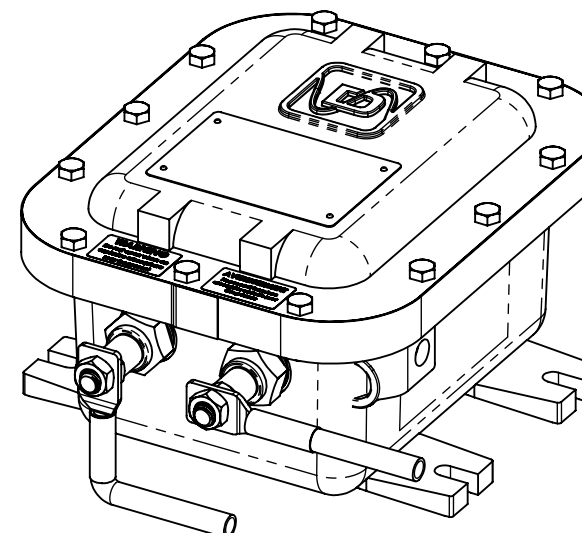


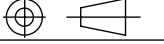

INSTRUCTIONS FOR INSTALLING RACL LEAD OPTION

REMOVE ONE OF THE TWO BRASS NUTS FURNISHED ON EACH BUSHING STUD.

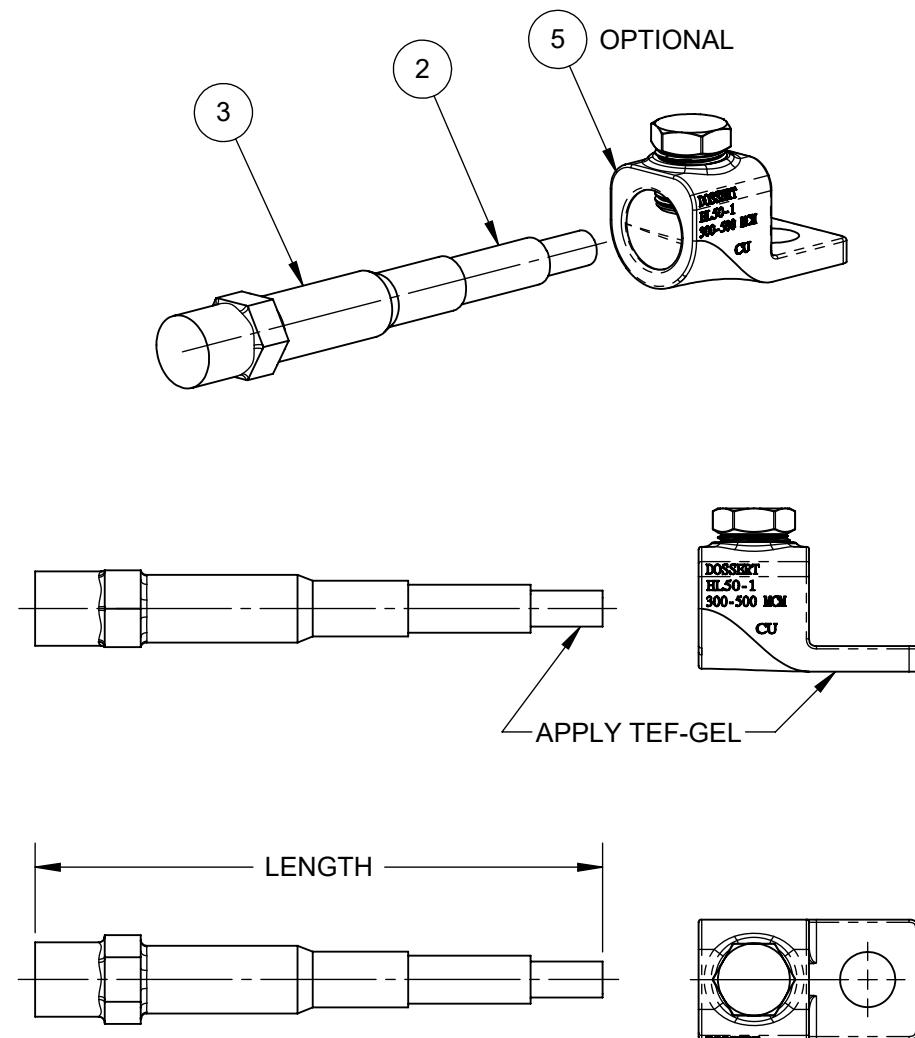
1. CONFIRM THAT THE INNER BRASS NUT IS HAND THREADED UP AGAINST THE INSULATING SLEEVE.
2. APPLY TEFGEL (CORROSION INHIBITOR) ON EACH SIDE OF THE CABLE CONNECTOR PAD.
3. PLACE THE CONNECTOR ON THE LEADS FURNISHED ON EACH BUSHING STUD AND HAND THREAD A BRASS NUT AGAINST THE CONNECTOR.
4. ORIENT EACH CONNECTOR AND CABLE AS DESIRED. PREVENT THE BRASS NUT THAT IS AGAINST THE INSULATING SLEEVE FROM TURNING BY USING A 3/4" WRENCH (OR ADJUSTABLE WRENCH) WHILE USING A SECOND WRENCH TO SECURELY TIGHTEN THE OUTER BRASS NUT COMPLETING THE CONNECTION.

THE CUSTOMER IS RESPONSIBLE FOR INSULATING AND SEALING EACH CONNECTION USING THE MATERIALS OF THEIR CHOICE (E.G. TAPE, MASTIC, ETC.).

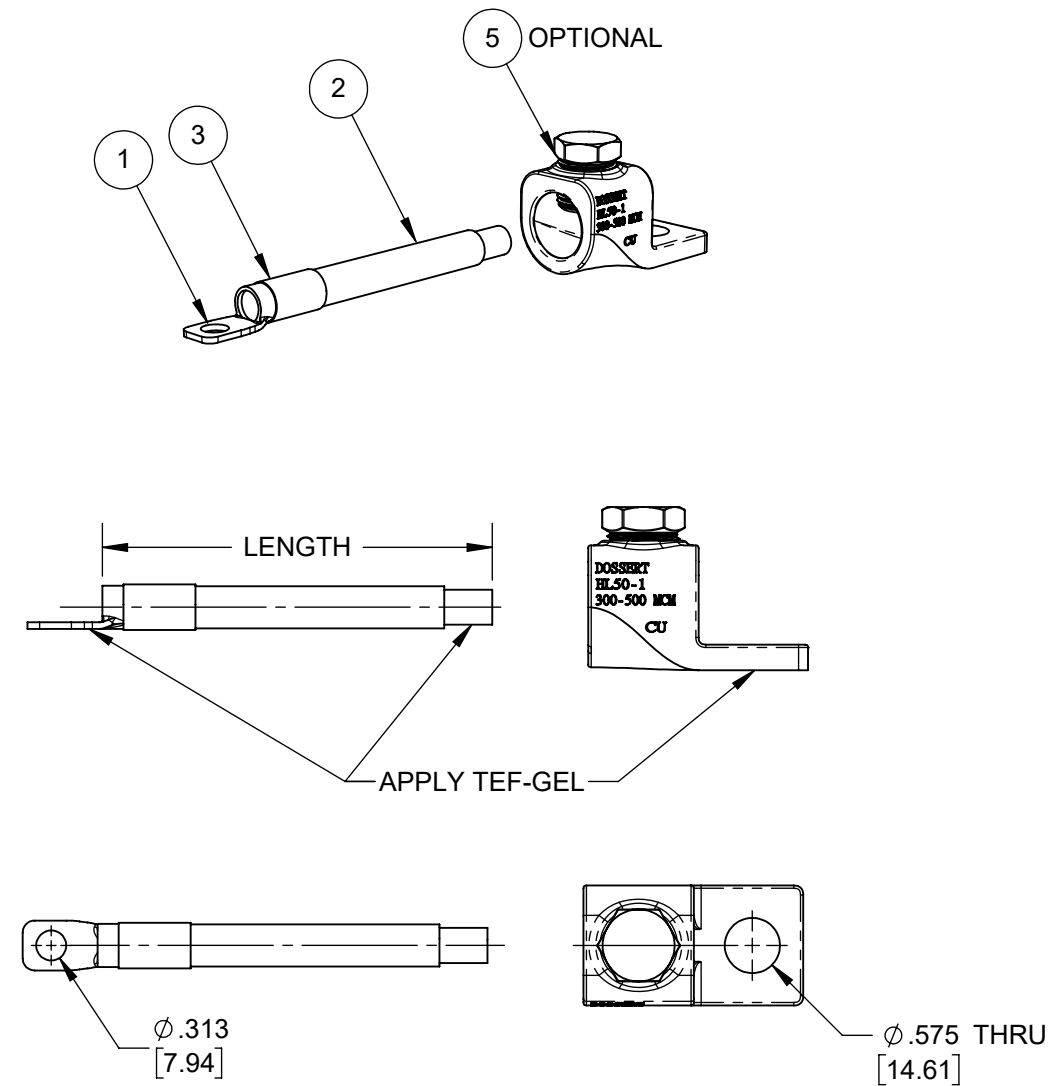


ASME Y14.5M 2018 APPLIES 	MATERIAL:  <b>NA</b>	DRAWN: <b>KJS</b>	DATE DRAWN: <b>2014-01-13</b>	 <b>DAIRYLAND ELECTRICAL INDUSTRIES, INC.</b> P.O. BOX 187 STOUGHTON, WI 53589 608-877-9900 DAIRYLAND.COM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. COMPUTER-GENERATED DRAWING DO NOT EDIT MANUALLY.	FINISH:  <b>NA</b>	DWG APPROVAL: <b>RJH</b>	DATE APPROVAL: <b>11/03/2022</b>	
.XXX = ±.005" .XX = ±.01" .X = ±.03" ANGLES = ±1°		TITLE: <b>ACL / RACL LEADS FOR PCRH INSTALLATION</b>		
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		REV: <b>B</b>	PART #: <b>100044</b>	

## ACL ASSEMBLY



## RACL ASSEMBLY



### 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 PCRH TERMINALS USING THE HARDWARE THAT CAME WITH THE 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 END OF THE BOLTED TERMINALS AND CONNECT THEM TO YOUR SYSTEM USING THE HARDWARE INCLUDED WITH THE KIT.
- CUSTOM LENGTHS ARE AVAILABLE AND MAY BE ORDERED IN OTHER LENGTHS BY SUBSTITUTING THE -18" IN THE MODEL NUMBERS FOR THE DESIRED LENGTH. (EXAMPLE: ACL-36" LEADS PCRH).
- ACL/RACL KITS WITHOUT BOLTED TERMINALS ARE AVAILABLE AND MAY BE ORDERED BY APPENDING THE MODEL NUMBERS WITH "-X" (EXAMPLE: ACL-18"-X LEADS PCRH).

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