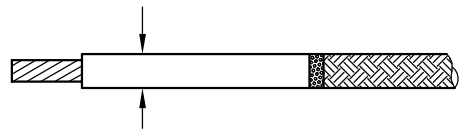
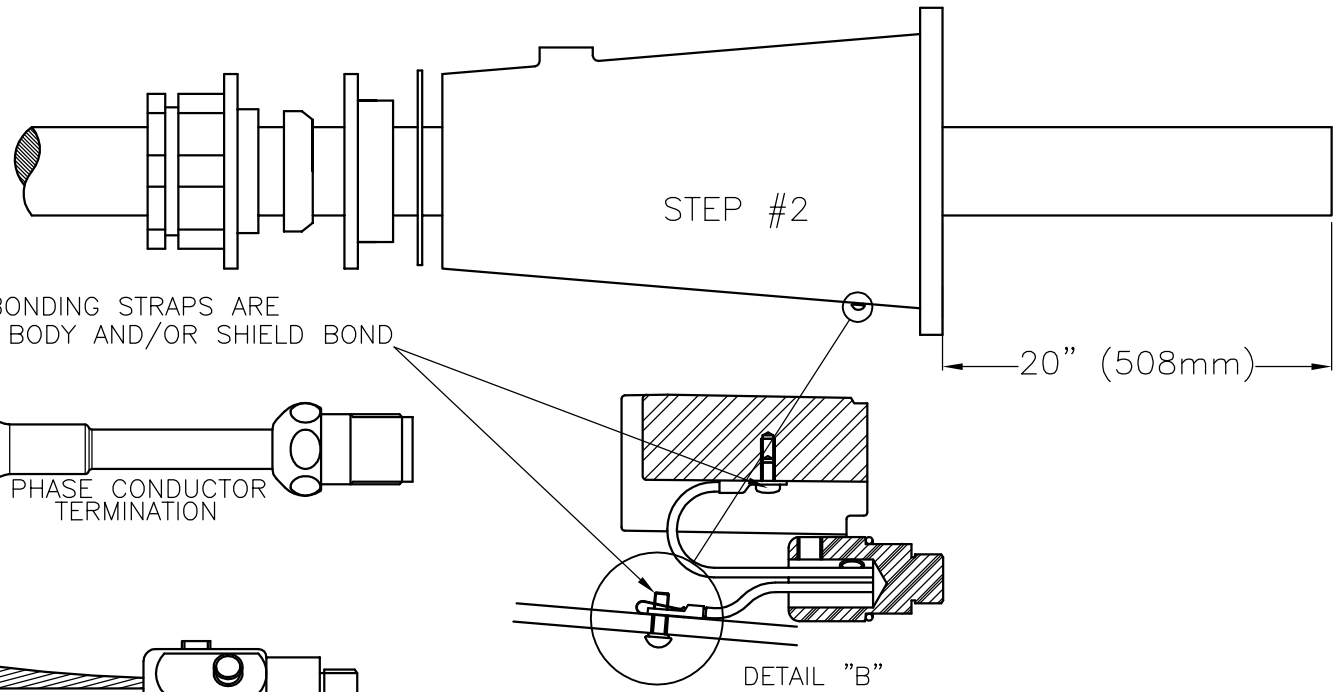
15kV, 500AMP C150F AND 8kV, 500A C80F SERIES OF CABLE COUPLER C/W SOLDER OF SOLDER–LESS STYLE STEMS

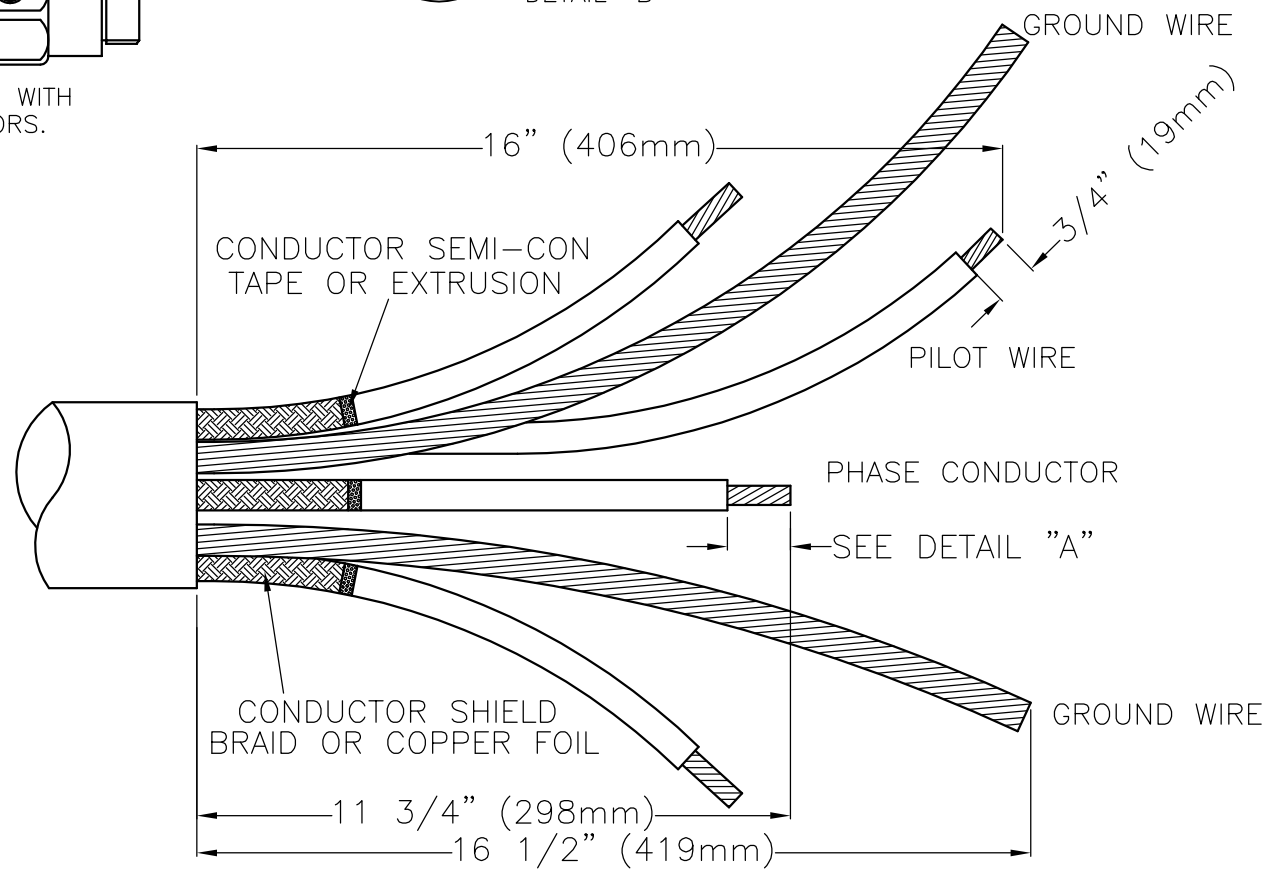
APPLICABLE TERMINATION KITS:

5kV THROUGH 15kV:	PART # 11Y08/15–A	OVER CONDUCTOR INSULATION DIA RANGE	.59"–.98" (15mm–25mm)
5kV THROUGH 15kV:	PART # 11Y08/15–B	OVER CONDUCTOR INSULATION DIA RANGE	.79" – 1.26" (20MM–32MM)
5kV THROUGH 15kV:	PART # 11Y08/15–C	OVER CONDUCTOR INSULATION DIA RANGE	1.10" – 1.75" (28mm–44mm)

CONFIRM DIAMETER OVER PHASE INSULATION (UNDER SEMI–CON & SHIELD) TO ENSURE CORRECT TERMINATION KIT IS INSTALLED.







1.) CLEAN CABLE JACKET A MINIMUM OF 36" (914mm)

2.) SLIDE ENTRANCE FITTING GLAND SECTION, CABLE SEAL GASKET, ENT FTG BODY SECTION, INTERFACE GASKET AND COUPLER REAR BODY SECTION ONTO CABLE PRIOR TO CUTTING CABLE JACKET.

3.) CUT BACK CABLE JACKET 16 1/2" (419mm) MAX

4.) CUT PHASE CONDUCTORS BACK TO A LENGTH OF 11 3/4" (298mm) (if phase conductor crossing is required then the jacket cut back length can be increased to 13 1/2" (343mm)) CUT PILOT CONDUCTOR BACK TO A LENGTH OF 16" (406mm)

5.) STRIP BACK PILOT CONDUCTOR INSULATION 3/4" (19mm)

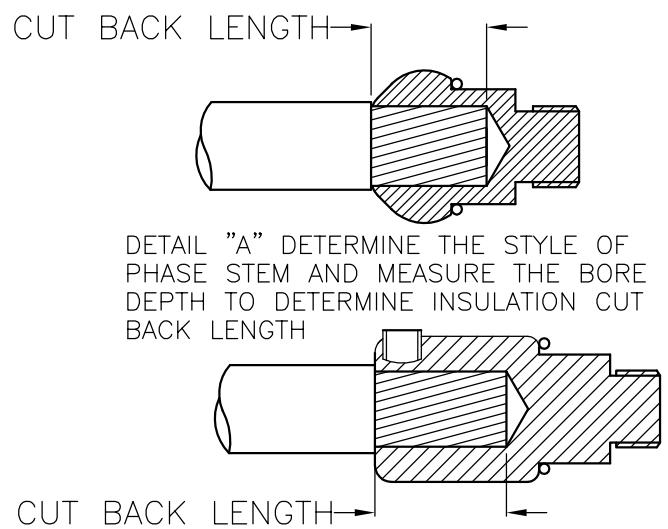
6.) CONTINUE WITH TERMINATION USING THE INSTRUCTIONS PROVIDED WITH THE TERMINATION KIT.

7.) IF SOLDERING IS REQUIRED CONFIRM FIT OF CONDUCTOR INTO THE APPROPRIATE STEM LIGHTLY APPLY NON CORROSIVE FLUX TO CONDUCTOR STRANDING AND INSIDE STEM. HEAT AND LIGHTLY PRE–TIN BOTH THE STEM AND CONDUCTOR STRANDING USING 50/50 NON–RESIN CORE SOLDER. LIGHTLY REFLUX PRE–TINNED CONDUCTOR AND INSERT INTO STEM. HEAT AND APPLY 50/50 SOLDER ENSURING NOT TO ALLOW EXCESS SOLDER TO CONTAMINATE THE OUTSIDE OF THE STEM. ONCE SUFFICIENT SOLDER HAS BEEN APPLIED ALLOW TO COOL. ENSURE NO MOVEMENT OCCURS PRIOR TO THE SOLDER SETTING OR A "COLD JOINT" MAY RESULT. SHOULD THIS OCCUR RE–HEAT TO ALLOW THE SOLDER TO MELT. AGAIN ALLOW TO COOL ENSURING NO MOVEMENT OCCURS.

8.) IF SET SCREWS ARE TO BE USED ON THE PHASE (AND GROUND) STEMS ENSURE FIT OF CONDUCTOR(S) INTO STEM BORE. THE GROUND CONDUCTORS SHOULD ALSO INCLUDE THE BODY AND SHIELD BONDING WIRES.
TIGHTEN THE 7/16"–20NC SET SCREWS TO 210"/Lbs.
IF SET SCREWS ARE TO BE USED ON THE PILOT STEM(S) ENSURE FIT OF CONDUCTOR(S) INTO STEM BORE. TIGHTEN THE 3/8"–24UNF SET SCREW TO 85"/Lbs

9.) CONNECT BONDING STRAPS FROM TERMINATION AND GROUND STEM TO GROUNDING POINT ON REAR BELL HOUSING. BE SURE "O' RING SEALS PROPERLY ON BODY. SEE DETAIL "B"

10.) INSTALL ALL STEMS IN INSULATOR ASSY. ENSURE "O" RINGS ARE APPLIED TO ALL FIVE CONTACT STEMS PRIOR TO INSERTING INTO INSULATOR, SLIDE FORWARD REAR BELL HOUSING, ATTACH FRONT BODY USING 1/4" HARDWARE. BE SURE "O" RINGS ARE INSTALLED ON INSULATOR PLATE CONTINUE WITH COUPLER ASSEMBLY.



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We make the connection.