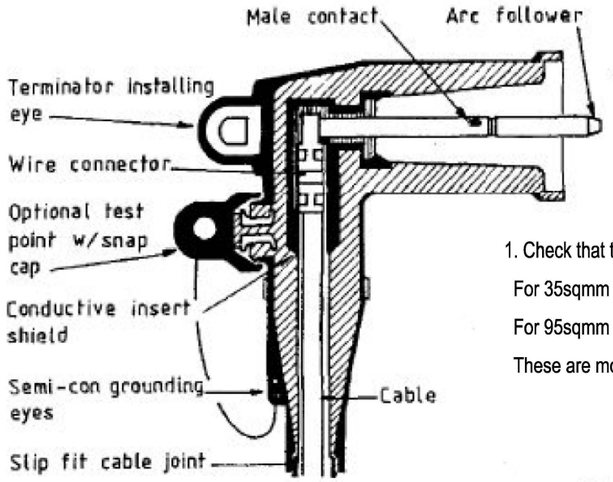
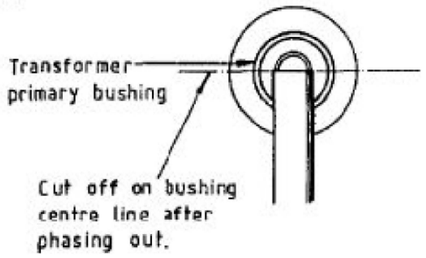


IMPORTANT

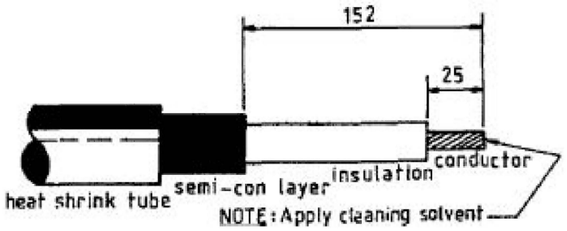
Before starting work read assembly instructions.
Familiarise yourself woth the illustration.
Check that the proper tools are at hand and that all components are present and in good order.
Observe cleanliness thriughout the procedure.

1. Check that the terminator is the correct one for the cable.
   For 35sqmm cable use elbow 8235, diameter range 17-7-22.0
   For 95sqmm cable use elbow 412441, diameter range 20-0-25.1
   These are moulded onto the right side of the terminator near the bend.



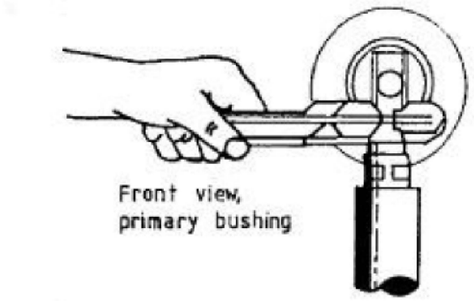
2. Train cable into termination area so that its path is most normal and stran free between cable enterance and transformer primary bushing. Make sure that cable and bushing are of same phase. Cut cable squarely at bushing centre-line.

3. Strip back nylon, taking care not to damage sheath at this point. Strip back sheath using the correct tool and being extremely careful not to nick the wires of the copper screen. Remove the polyester tape. Slide the thin walled heatshrink over the cable and heat shrink phase colour over all. DO NOT SHRINK.

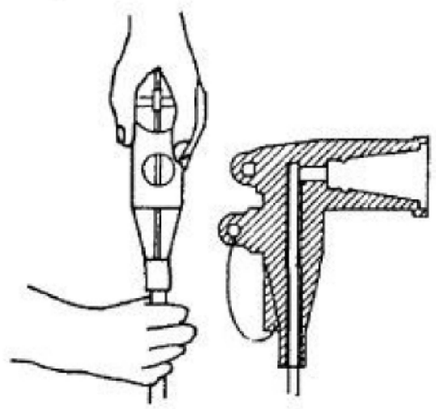


4. Strip back the semi-conductive layer 152mm from the end of the cable. Do not cut or nick the insulation. Use a clean dry rag & glass paper to remove completely all traces of semi-conductive material from the insulation. Clean semi-conductive layer with a clean rag. Remove 25mm of insulation and strand shield from the conductor.

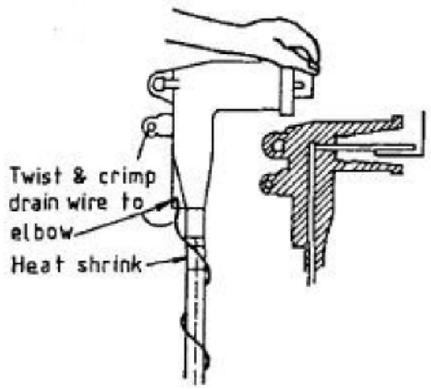
Do not pencil the insulation. Take care not to damage the conductor. Remove all loose insulation particles from the cut area. Wire brush the bare conductor and promptly install in connector barrel. Make sure that the bottom face of the connector abuts the cable inulation.



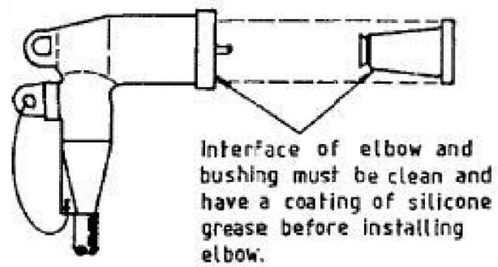
5. Position the connector so that the open threaded eye faces the transformer bushing when the cable is trained as in step 2. Compress using a standard die. File any sharp edges from the crimp to prevent damage to the terminator cable interface.



6. Wipe a small amount of silicone grease on cable insulation and place a small amount in cable entrance end of elbow before inserting cable. Push the elbow onto the cable with the threaded connector eye facing the open bushing cavity. Use a dry rag to remove all excess silicone grease.
   Note: semi-con layer will be approximately 19mm inside the elbow.



7. Insert the male contactor and arc follower probe into the threaed connector eye and using the wrench provided tighten as shown until the wrench bends. Slide the thin wall heat shrink back over the bottom of the terminator till its upper edge abuts the ridge on the back of the terminator. Shrink down. Slide the phase colour band to the centre of the tube and shrink on.



NO	DESCRIPTION	DRN	DATE	CKD	APPD
4	REDRAWN ONTO CAD & TEXT UPDATED	CWM	FEB'20	B.C.	H.E.
3	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	APR'19	C.C.	C.C.
2	TITLE AND DRAWING NUMBER CHANGED	-	JUN'88	-	-
1	REDRAWN AND REVISED	-	JAN'85	-	-

AMENDMENTS

PowerWater
NORTHERN TERRITORY

DES	H.E.
DRN	C.W.M.
CKD	H.E.
APPD	B.C.
SCALE	-
ISSUED	26/02/20
ALL DIM. IN mm	
DRAFTING STANDARD TO A.S.1100	

POWER STANDARD DRAWING

CABLE JOINTING & TERMINATIONS TERMINATION - INDOOR LOAD BREAK ELBOW

A3

DRAWING NUMBER S02-02-02-06

4 AMDT

CAD PRODUCT - DO NOT AMEND MANUALLY