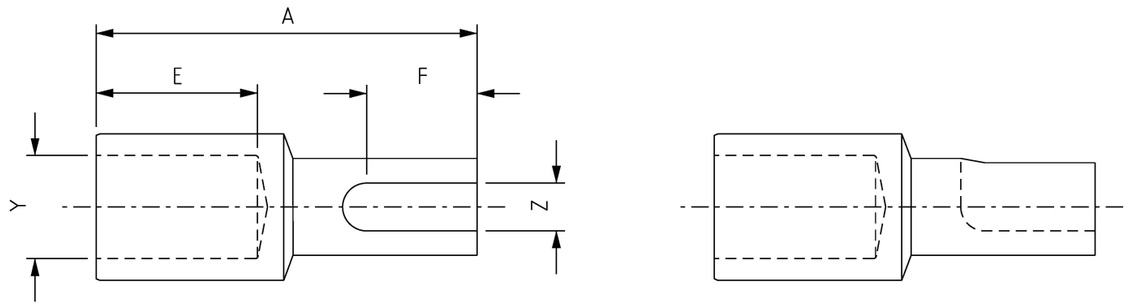
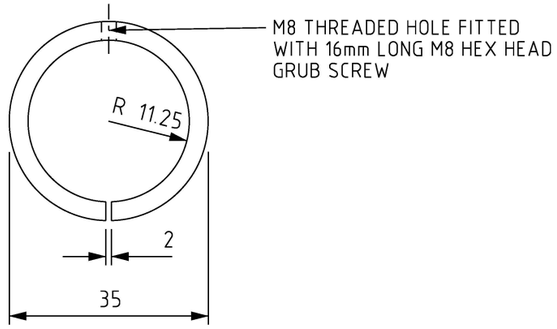
SWITCHGEAR COMPRESSION CONNECTOR



ISOMETRIC VIEW

CLAMPING COLLAR



CLAMPING COLLAR MATERIAL: ZINC PLATED STEEL.

NOTES:

1. EACH CONNECTOR TO BE SUPPLIED WITH CLAMPING COLLAR AND M8 GRUB SCREW.
2. CONNECTORS TO BE USED FOR TERMINATING CABLES ON TO MD4 12mm COPPER SWITCH STEMS.
3. BI-METAL CONNECTORS TO BE USED TO TERMINATE Al CABLES. Al AND Cu SECTIONS TO BE FRICTION WELDED. Al SECTION TO BE PREFILLED WITH JOINT COMPOUND AND PLUGGED.

TABLE 1: COPPER CONNECTORS

ITEM REF.	ITEM NUMBER	CONDUCTOR AREA (SQ.mm)	CONDUCTOR STRANDING	SWITCHGEAR STEM DIA. (mm)	DIMENSION					CRIMP DIE A/F (mm)	NUMBER OF CRIMPS	HYDRAULIC TOOL
					A	E	F	Y	Z			
1	503404	35	19/1.35	12	72	21	30	8.5	12.5	9.2	1	12T
2	503968	185	37/2.52	12	87	32	30	18.5	12.5	20	1	12T
3	502782	240	61/2.25	12	90	38	30	21.5	12.5	23.1	3	12T
4	502781	300	61/2.52	12	95	42	30	23.5	12.5	26	3	12T

TABLE 2: BI-METAL CONNECTORS

ITEM REF.	ITEM NUMBER	CONDUCTOR AREA (SQ.mm)	CONDUCTOR STRANDING	SWITCHGEAR STEM DIA. (mm)	DIMENSION					CRIMP DIE A/F (mm)	NUMBER OF CRIMPS	HYDRAULIC TOOL
					A	E	F	Y	Z			
5	503385	35	19/1.35	12	85	32	32	8.5	12.5	9.0	1	12T
6	502783	95	37/1.78	12	110	60	32	13.5	12.5	17.3	1	12T
7	502780	240	61/2.25	12	120	60	32	22	12.5	28.4	1	12T
8	7617	300	61/2.52	12	120	60	32	23.5	12.5	28.4	1	12T

NO	DESCRIPTION	DRN	DATE	CKD	APPD
0	ISSUED FOR CONSTRUCTION	A.N.	AUG'21	C.C.C.	B.V.

AMENDMENTS

PowerWater
NORTHERN TERRITORY

DES	A. NATHAN
DRN	A. NATHAN
CKD	C. CAMILLERI
APPD	B. CHEUNG
SCALE	N.T.S.
ISSUED	MAY'21
ALL DIM. IN	mm
DRAFTING STANDARD TO	A.S.1100

POWER STANDARD DRAWING

CABLE TERMINATION LUGS
COPPER & BI-METAL
FOR MD4 SWITCHGEAR

A3

DRAWING NUMBER S02-01-02-24

CAD PRODUCT - DO NOT AMEND MANUALLY

0 AMDT