

- 1 2 3 4 5 6

NOTE

1) ALL CONDUCTORS MUST BE OF SIMILAR STRANDING,
EXAMPLE: SIMILAR STRANDING
80MM=7/3.75 CCT TO 120MM=7/4.75 CCT
DISSIMILAR STRANDING
80MM=7/3.75 CCT TO 180MM=19/3.50 CCT.

2) TO ATTACH BONDING TO PIN INSULATOR, USE PREFORM TIE.

3) SURGE DIVERTERS TO BE INSTALLED IF REQUIRED BY DESIGN.

ITEM QTY DESCRIPTION REMARKS

BA003-A	1	EYEBOLT 20MM + EYENUT (POLE)	
BA006	1	BOLT 20MM (POLE+XARM)	
BA042-A	2	EYEBOLT 20MM + EYENUT (XARM)	
BA060-750	1	BRACE CROSSARM STD 750mm	
IA010-I05/6B	3	INS. LONG PIN CCT 11/22kV	NOTE 2
IA020-AI10F	6	INS. LONGROD 22KV BOW/CCT	
MA050	6	CCT EARTHING POINT	
MA035-I	3	SLEEVE JOINT (I=INSULATED)	
XA020	1	CROSSARM HV STD 2100x100x100	
IA029	3	SURGE ARRESTOR DIVERter + IPC	NOTE 3
MA038	A/R	CABLE SADDLE/SUPPORT + INS	
MA090	2	IPC INS. TO INS. EARTH CONN.	
MA096	3	IPC 11kV 40-120mm ²	

MAXIMUM ANGLE OF LINE DEVIATION 80°

LIMITS OF CONSTRUCTION
LIMITED ONLY BY THE CONDUCTOR STRINGING TABLE
MAXIMUM ANGLE OF LINE DEVIATION 80°

MA096
11KV - 40/120

SET CROSSARM AT HALF DEVIATION ANGLE

MA050

IA010-I05/6B
IA029
BA006
MA090
MA038
BA060-750

IA020-AI10F
BA003-A
MA035-I
IA029

AMENDMENTS

ORIGINAL	ISSUE
A	BOND PG CLAMPS REPLACED WITH SLEEVES
B	CHECKED SD DATE 27-02-13 DRAWN DC
C	ADDED SURGE DIVERTERS
D	CHECKED SD DATE 16-06-25 DRAWN BM CHKD NM IKS

ORIGINAL SCALE

APPROVED
G. Ford

DRAWN G. Ford

DATE 22/04/09

CHKD G. Ford

Endeavour Energy

REFERENCE DRAWINGS

DO NOT SCALE
DIMENSIONS IN MILLIMETRES

AUTHORISED
W. Isley

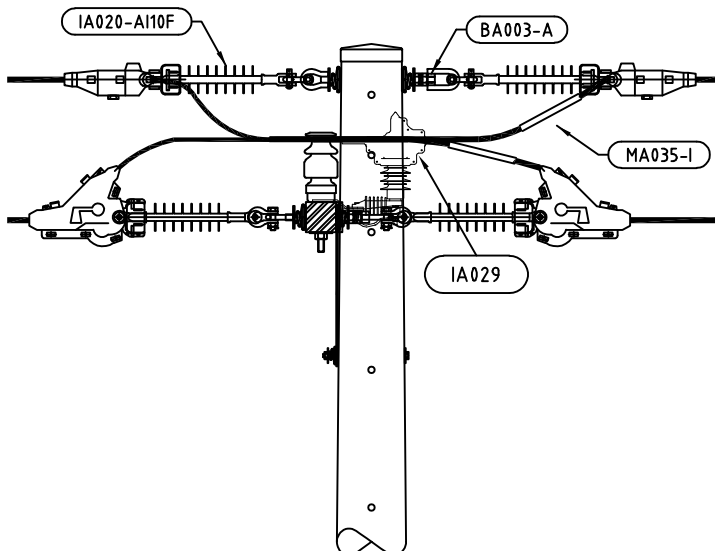
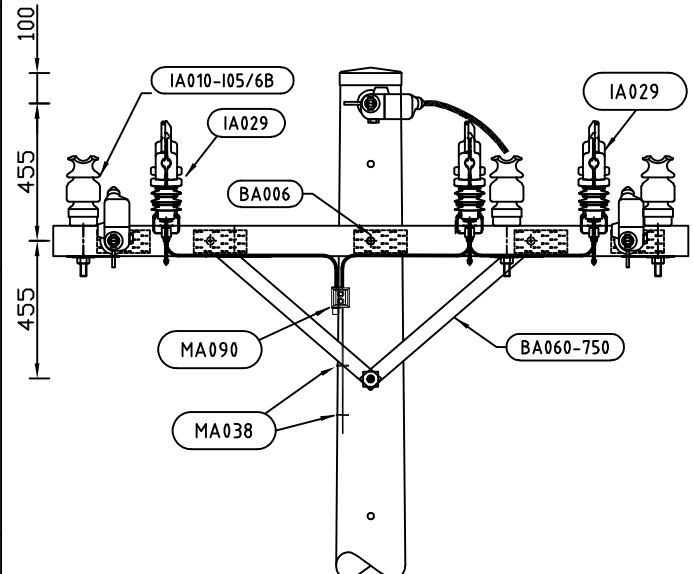
MANAGER ASSET ENGINEERING 22/04/09

OVERHEAD 11-22kV CCT CONST. No C23
THROUGH STRAIN (DELTA)
SINGLE CROSSARM

A4 332029 C

SHEET No 1 OF 1 SHEETS

LIMITS OF CONSTRUCTION
LIMITED ONLY BY THE CONDUCTOR STRINGING TABLE
MAXIMUM ANGLE OF LINE DEVIATION 80°



AMENDMENTS		
A	ORIGINAL ISSUE	
1		
B	BOND PG CLAMPS REPLACED WITH SLEEVES	
	CHECKED SD	
	DRAWN DC	
	DATE DT-02-13	
	CHARGED NM	DATE
C	ADDED SURGE DIVERSERS	
	CHECKED RD	
	DRAWN BM	
	DATE 16-06-95	
	CHARGED NM	KS
2		

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	ORIGINAL SCALE	APPROVED	
		G. Ford	
DRAWN	G. Ford		
DATE	22/04/99		
CH'D	G. Ford		



OVERHEAD 11-22KV CCT CONST. No C23
THROUGH STRAIN (DELTA)
SINGLE CROSSARM

REFERENCE DRAWINGS			
DO NOT SCALE DIMENSIONS IN MILLIMETRES		AUTHORISED W. Isley	
INST. No C23 (ELTA) IM		MANAGER ASSET ENGINEERING	22/04/99
A4		332029	C
		SHEET No 1 OF 1 SHEETS	