



- NOTES:**
1. A MINIMUM DISTANCE OF 2500 BETWEEN HIGH & LOW VOLTAGE CONDUCTORS IS TO BE MAINTAINED AT ALL TIMES TO ALLOW FOR LIVE LINE WORKING PROCEDURES.
 2. THE DESIGNER IS TO DETERMINE THE POLE DIAMETER TO ENSURE ELECTRICAL CLEARANCES TO CENTRE PHASE SWITCHING MECHANISM CAN BE MAINTAINED, REFER TO DRG : 225814 FOR ALTERNATE ABS IF REQUIRED.
 3. CLEARANCES :
SOURCE - A.S.2067 (33kV)
PHASE TO PHASE - 440mm
PHASE TO EARTH - 380mm
 4. INSTALL AIRBREAK SWITCH ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
 5. OPERATING MECHANISM MUST BE INSTALLED ON THE FOOTPATH SIDE OF THE POLE. INSTALLATION ON THE ROAD SIDE OF THE POLE IS NOT ACCEPTABLE.
 6. EYE COACH SCREW TO BE INSTALLED 2m ABOVE GROUND LEVEL ON FOOTPATH SIDE OF POLE FOR ATTACHMENT OF OPERATOR'S 'DANGER DO NOT OPERATE' TAG.
 7. FOR 12.5m POLE CUT INNER STEEL PIPE DOWN TO 1000mm MINIMUM, 1300mm MAXIMUM.

DISCONNECTOR RATINGS			
VOLTAGE	U	33	kV
LIWV	UL	200	kVp
NORMAL CURRENT	In	630	A
FREQUENCY	-	50	Hz
STWC	Ith	25	kA
DURATION OF STWC	+	1	s
CREEPAGE	-	1065	mm
RATED MAKING CURRENT	-	20	kApeak
MASS	-	182	kg

ITEM	DESCRIPTION	DRAWING No.	STOCK CODE	QTY
18	WASHER - FLAT, M20, GALVANISED	518081	177986	3
17	NUT - M10, HEX., STAINLESS STEEL	515467	H39401	12
16	BRACKET - MOUNTING FOR OPERATING MECHANISM		179824	1
15	WASHER - FLAT, M12, GALVANISED	518081	177982	4
14	WASHER - CONICAL, M12, GALVANISED	518082	H39639	1
13	SCREW - COACH, EYE, M6, GALVANISED		PURCHASE	1
12	STEP - POLE		H17720	A/R
11	BOLT & NUT - M12, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		2
10	BOLT - COACH, M12x50, GALVANISED		50476	2
9	LUG - COMPRESSION, 2xM10 HOLES (TO SUIT CONDUCTOR)	514053	-	6
8	WASHER - SPRING, M10, STAINLESS STEEL	518082	50120	12
7	WASHER - FLAT, M10, STAINLESS STEEL	518081	49411	24
6	WASHER - CONICAL, M20, GALVANISED	518082	H39655	3
5	WASHER - SQUARE, 50x50x6mm, GALVANISED (Ø22mm HOLE)	518081	H39265	3
4	SCREW - SET, M10x30mm, HEX., STAINLESS STEEL	515467	45088	12
3	BOLT & NUT - M20, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466	-	3
2	DISCONNECTOR - 36kV, UNITISED, LOAD BREAK, MODULAR		H27642	1
1	DISCONNECTOR - 36kV, UNITISED, LOAD BREAK, ASSEMBLED		H101634	1
1	POLE - AS REQUIRED		-	1

CAD DRAWING
DO NOT MANUALLY AMEND
A M E N D M E N T S
DRAWN: PATRICIA RIOS
CHKD: PHILLIP JONES
DATE: 20/10/2015
TABLE RENAMED.
NOTE ON ITEM 13
CHANGED.
APPD BY: GLENN FORD

ITEM	DESCRIPTION	DRAWING No.	STOCK CODE	QTY
1	POLE - AS REQUIRED		-	1
2	DISCONNECTOR - 36kV, UNITISED, LOAD BREAK, MODULAR		H27642	1
3	DISCONNECTOR - 36kV, UNITISED, LOAD BREAK, ASSEMBLED		H101634	1
4	SCREW - SET, M10x30mm, HEX., STAINLESS STEEL	515467	45088	12
5	WASHER - SQUARE, 50x50x6mm, GALVANISED (Ø22mm HOLE)	518081	H39265	3
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8	WASHER - SPRING, M10, STAINLESS STEEL	518082	50120	12
9	LUG - COMPRESSION, 2xM10 HOLES (TO SUIT CONDUCTOR)	514053	-	6
10	BOLT - COACH, M12x50, GALVANISED		50476	2
11	BOLT & NUT - M12, HEX., GALVANISED (LENGTH TO SUIT POLE)	515466		2
12	STEP - POLE		H17720	A/R
13	SCREW - COACH, EYE, M6, GALVANISED		PURCHASE	1
14	WASHER - CONICAL, M12, GALVANISED	518082	H39639	1
15	WASHER - FLAT, M12, GALVANISED	518081	177982	4
16	BRACKET - MOUNTING FOR OPERATING MECHANISM		179824	1
17	NUT - M10, HEX., STAINLESS STEEL	515467	H39401	12
18	WASHER - FLAT, M20, GALVANISED	518081	177986	3

NETWORK STANDARD
Ausgrid
1/5 NEWCASTLE RD WALLSEND,
NSW 2287

SCALE	120
DESIGNED	BILL GRAHAM
DRAWN	PATRICIA RIOS
CHECKED	WILLIAM GRAHAM
APPROVED	STEPHEN CONNOR
DATE	12/12/06
PROJECT NUMBER	STD
PROJ TRAK NUMBER	-

STANDARD CONSTRUCTION		SHEET	AMD
33kV AK POWER		01	4
MID POLE OPERATED AIR BREAK SWITCH		FOR TIMBER, CONCRETE & STEEL POLES	
GENERAL ARRANGEMENT 4-455			
SIZE	DRAWING No		
A2	166707		