



- NOTES:**
- EARTHING DETAILS ARE TO BE IN ACCORDANCE WITH THE ELECTRICITY COUNCIL OF NSW, GUIDE TO PROTECTIVE EARTHING DRAWING E.A.S-6-1492
 - THE FIRST ELECTRODE OF THE HANDLE EARTHING SYSTEM SHOULD BE LOCATED BENEATH THE OPERATORS STANDING POSITION AS SHOWN IN PLAN VIEW A-A. REFER TO FIGURE 1 AND NOTE 2 ON THE E.C. DRAWING E.A.S-6-1492.
 - WHERE OTHER APPARATUS ARE TO BE USED IN CONJUNCTION WITH THE AIR BREAK SWITCH PARTICULAR ATTENTION SHOULD BE PAID TO NOTE 5 ON DRAWING E.A.S-6-1492
 - SEASONED TIMBER CROSSARMS ONLY TO BE USED.
 - BONDING TO BE ATTACHED BETWEEN END OF MOUNTING CHANNELS AND CROSSARM COACHSCREWS, ALSO BETWEEN POLE AND ARM BOLT. COACHSCREWS ARE TO BE SCREWED NOT HAMMERED

| ITEM | DESCRIPTION | DRG N° | STOCK CODE | QTY |
|------|--|----------|------------|-----|
| 30 | PIPE GALV. 25 mm N.B. (THREADED ONE END) | | | 2m |
| | HANDLE - WOODEN | | 27210 | |
| | STANDOFF BRACKET | | 64519 | |
| | COACHSCREWS GALV. M12 x 100 mm | | 40484 | 7 |
| | NUT GALV. HEX. M16 | | 39477 | 6 |
| | BOLT AND NUT GALV. HEX. M12 x 40 mm (BONDING) | A2-15466 | 37433 | 3 |
| | BOLT AND NUT GALV. HEX. M16 x 180 mm | A2-15466 | 38112 | 3 |
| | BOLT AND NUT GALV. HEX. M16 x 140 mm | A2-15466 | 37506 | 3 |
| | 36kV SINGLE SIDE BREAK A.B.S. - ABB. TYPE D746 | | 27642 | 1 |
| 28 | ABS SECURING SPRING BØ ONLY | | | |
| 27 | WASHERS SPRING S.S. 10mm | A2-18082 | 39388 | 1 |
| 26 | WASHERS ROUND S.S. 10mm | A2-18081 | 39396 | 2 |
| 25 | BOLT AND NUT S.S. HEX. M12 x 30mm | A3-15467 | 38528 | 1 |
| 24 | WASHERS CONICAL GALV. M16 | A2-18082 | 39647 | 6 |
| 23 | WASHERS CONICAL GALV. M12 | A2-18082 | 39639 | 3 |
| 22 | BONDING ARRANGEMENT | 10-1 | | |
| 21 | 19/1-53 COPPER P.V.C. INSULATED (35mm ²) | | 13629 | |
| 20 | FLEXIBLE COPPER BRAID (SUPPLIED WITH A.B.S.) | | | |
| 19 | CRIMP LUGS (EARTHING) | | 20501 | 3 |
| 18 | EARTH GUARD | | 70045 | 1 |
| 17 | CRIMP LUGS (TO SUIT CONDUCTOR) | | | 6 |
| 16 | PREFORMED DEAD END (TO SUIT CONDUCTOR) | | | 6 |
| 15 | CLEVIS THIMBLE (TO SUIT CONDUCTOR) | | | 6 |
| 14 | SOCKET TONGUE | A3-13946 | 18417 | 6 |
| 13 | INSULATOR DISC 254 mm - BALL AND SOCKET TYPE - 66kN | | 12152 | 24 |
| 12 | BALL HOOK | | 18530 | 6 |
| 11 | PIPE SPACERS - GALV. 25 mm N.B. (LENGTH AS REQUIRED) | | | 3 |
| 10 | WASHERS SQUARE GALV. 50 x 50 x 6 mm | A3-8779 | 39265 | 10 |
| 9 | EYENUT GALV. M20 | | 38853 | 3 |
| 8 | EYEBOLT GALV. M20 (LENGTH TO SUIT POLE) | A3-13653 | | 3 |
| 7 | BOLT AND NUT GALV. HEX. M12 (LENGTH TO SUIT POLE) | A2-15466 | | 3 |
| 6 | BRACE CROSSARM GALV. 920 mm | A3-14381 | 17283 | 4 |
| 5 | WASHERS ROUND GALV. M12 | A2-18081 | 39613 | 14 |
| 4 | BOLT AND NUT GALV. HEX. M12 x 130 mm | A2-15466 | 37611 | 4 |
| 3 | CROSSARM 3300 x 150 x 100 mm H.W. (SEE NOTE 3) | A3-13989 | 23020 | 2 |
| 2 | POLE CAP | | | 1 |
| 1 | POLE (AS REQUIRED) | | | 1 |

CAD DRAWING
DO NOT MANUALLY AMEND
A M E N D M E N T S
DWN: GARRY CRAIG
CHKD: GARRY CRAIG
DATE: 09/01/2014
AUSGRID BORDER APPLIED
APPD by: LEIGH DUNKLEY

ASSOCIATED DRAWINGS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|

NETWORK STANDARD
Ausgrid
DESIGN & ENGINEERING BRANCH
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SCALE
DESIGNED NTS
DRAWN
CHECKED
APPROVED SIGNED ON ORIGINAL
DATE 21/04/93
PROJECT NUMBER
PROJTRAK NUMBER

STANDARD CONSTRUCTION
33kV AIR BREAK SWITCH
ABB TYPE D746 MID POLE MOUNTED
GENERAL ASSEMBLY

| | | | |
|------|------------|-------|-----|
| SIZE | DRAWING No | SHEET | AMD |
| A2 | 520791 | 01 | 1 |