



| ITEM | DESCRIPTION | DRG. No | STOCK CODE | ARR-1 | ARR-2 | ARR-3 | QTY |
|------|---|---------|------------|-------|-------|-------|-----|
| 57 | STEP - POLE SCREW-IN (SEE NOTE 17) | 250/44 | 185198 | A/R | A/R | A/R | |
| 56 | CONSTRUCTION - AIR BREAK SWITCH, 1224kV, MID POLE OPERATED, 2-455 | 175902 | | 1 | 1 | 1 | |
| 55 | EARTH - PARKING DEVICE, IPC CC TO EPD (ENSTO REF. SLW26A2) (SEE NOTE 15) | | 188685 | | | | 6 |
| 54 | COVER - CCT, EARTHING POINT (SEE NOTE 5) | | 144741 | | | | 6 |
| 53 | LUG - COMPRESSION, BI-METALLIC, M12 HOLE (TO SUIT MERCURY CONDUCTOR) | 514053 | H19675 | 1 | 1 | 1 | |
| 52 | MODEM - SIERRA WIRELESS RV50X | | 185100 | 1 | 1 | 1 | |
| 51 | ADAPTER - RF, RF INDUSTRIES N-243 (SEE NOTE 9) | | PURCHASE | 1 | 1 | 1 | |
| 50 | WASHER - SPRING, M16, STAINLESS STEEL | 518082 | 96149 | 2 | 2 | 2 | |
| 49 | WASHER - FLAT, M16, STAINLESS STEEL | 518081 | H39621 | 2 | 2 | 2 | |
| 48 | SCREW - SET, M16x40mm, HEX, STAINLESS STEEL | 515467 | H38413 | 2 | 2 | 2 | |
| 47 | CONNECTOR - INSULATION PIERCING, 95-150 LV ABC/95-150 (SEE NOTE 11) | | 176591 | 2 | 2 | 2 | |
| 46 | LINK - COMPRESSION, BI-METALLIC, MERCURY (7/4.5 AAC), TO 19/2 14 (70mm ² Cu CABLE) (SEE NOTE 14) | | 187132 | 1 | 1 | 1 | |
| 45 | ANTENNA - CELLULAR, BENELEC 02481 (SEE NOTE 9) | | PURCHASE | 1 | 1 | 1 | |
| 44 | ANTENNA - CELLULAR, PANORAMA LPB-7-27-AU (SEE NOTE 9) | | 185408 | 1 | 1 | 1 | |
| 43 | SIGN - INTELLIRUPTER, UNDERGROUND EARTH CABLES (SEE NOTE 6) | 222408 | 182141 | 1 | 1 | 1 | |
| 42 | SIGN - INTELLIRUPTER, EARTH CABLES (SEE NOTE 6) | 222408 | 182142 | 1 | 1 | 1 | |
| 41 | SIGN - INTELLIRUPTER, SERIAL NUMBER (SEE NOTE 6) | | | 1 | 1 | 1 | |
| 40 | CONSTRUCTION - LV, OVERHEAD, ABC, INTERMEDIATE, 500mm STANDOFF BRACKET, 1-80 (SEE NOTE 2) | 206544 | | 1 | 1 | 1 | |
| 39 | FLAG - CONVERSION, 38x6.35mm, TINNED COPPER (SEE DETAIL 8) | | | 6 | 6 | 6 | |
| 38 | WASHER - SPRING, M10, STAINLESS STEEL | 518082 | 50120 | 24 | 24 | 24 | |
| 37 | WASHER - FLAT, M10, STAINLESS STEEL | 518081 | 49411 | 48 | 48 | 48 | |
| 36 | NUT - M10, HEX, STAINLESS STEEL | 515467 | H39401 | 24 | 24 | 24 | |
| 35 | SCREW - SET, M10x30mm, HEX, STAINLESS STEEL | 515467 | 45088 | 24 | 24 | 24 | |
| 34 | LUG - COMPRESSION, BI-METALLIC, 2 x M10 HOLES (TO SUIT CCSX159 CONDUCTOR) (SEE NOTE 8) | 514053 | 187563 | 18 | 18 | 18 | |
| 33 | CONDUCTOR - 11kV CCSX82, 62mm ² , 61/3.37 ACSR | | 188681 | A/R | A/R | A/R | |
| 32 | LUG - COMPRESSION, BI-METALLIC, M12 HOLE (TO SUIT CCSX62 CONDUCTOR) (SEE NOTE 8) | 514053 | 187542 | 6 | 6 | 6 | |
| 31 | CONDUCTOR - MERCURY, 7/4.5 AAC (SEE NOTE 14) | | H13433 | A/R | A/R | A/R | |
| 30 | JOINT - NON TENSION, IPC TO IPC (ENSTO REF. SLW26A) | | 188683 | 6 | 6 | 6 | |
| 29 | PLATE - TINNED COPPER (33kV UG/8kV TERMINATION PLATE) | 116869 | 91132 | 6 | 6 | 6 | |
| 28 | CONNECTOR - COMPRESSION, PROFILE 6, COPPER (70mm ² CONDUCTOR TO Ø15mm ROD) | | H31699 | A/R | A/R | A/R | |
| 27 | COUPLER - EARTH ELECTRODE (TO SUIT Ø15mm ROD) | | H31649 | A/R | A/R | A/R | |
| 26 | ELECTRODE - DRIVEN EARTH, Ø15mmx1800mm | | H31631 | A/R | A/R | A/R | |
| 25 | COVER - CABLE, PROTECTOR, 150mm WIDE | | 151084 | A/R | A/R | A/R | |
| 24 | BOLT - EYED LAG, M8x110mm, STAINLESS STEEL | | 182589 | 1 | 1 | 1 | |
| 23 | SCREW - COACH, M12x100mm, GALVANISED | | H40484 | 4 | 4 | 4 | |
| 22 | STUBB - EARTH, MCKEOWN | 520088 | H108415 | 2 | 2 | 2 | |
| 21 | BAR - EARTH, TOP, FLAT, TINNED COPPER, 50.8x6.3mm (SEE DETAIL 1) | 222406 | 182110 | 1 | 1 | 1 | |
| 20 | BAR - EARTH, BOTTOM, FLAT, TINNED COPPER, 50.8x6.3mm (SEE DETAIL 1) | 222406 | 182110 | 1 | 1 | 1 | |
| 19 | SCREW - #12x45mm, SELF DRILLING | | 175567 | A/R | A/R | A/R | |
| 18 | SIGN - DANGER, HIGH VOLTAGE (SEE NOTE 4) | | H47012 | 2 | 2 | 2 | |
| 17 | NUT - M12, HEX, STAINLESS STEEL | 515467 | 8887 | 7 | 7 | 7 | |
| 16 | WASHER - SPRING, M12, STAINLESS STEEL | 518082 | 143859 | 7 | 7 | 7 | |
| 15 | LUG - COMPRESSION, COPPER, Ø14mm HOLE (TO SUIT 70mm ² CABLE) | | 74831 | 7 | 7 | 7 | |
| 14 | WASHER - FLAT, M12, STAINLESS STEEL | 518081 | 49429 | 14 | 14 | 14 | |
| 13 | SCREW - SET, M12x30mm, HEX, STAINLESS STEEL | 515467 | H38528 | 7 | 7 | 7 | |
| 12 | GUARD - EARTH COVER, 3m, BLACK PVC | 205775 | 157552 | 1 | 1 | 1 | |
| 11 | SADDLE - CABLE, 12.7mm, HEAVY DUTY, DOUBLE SIDED, GALVANISED | | 176494 | A/R | A/R | A/R | |
| 10 | CONDUCTOR - 19/2.14(70mm ²) COPPER, PVC COVERED, BLACK (SEE NOTE 3) | | 80111 | A/R | A/R | A/R | |
| 9 | WASHER - FLAT, M20, GALVANISED | 518081 | 177986 | 2 | 2 | 2 | |
| 8 | WASHER - CONICAL, M20, GALVANISED | 518082 | H39655 | 2 | 2 | 2 | |
| 7 | WASHER - SQUARE, 75x75x6mm (Ø22mm HOLE) | 518081 | H39231 | 4 | 4 | 4 | |
| 6 | BOLT & NUT - M20, HEX, GALVANISED (LENGTH TO SUIT POLE) | 515466 | | 2 | 2 | 2 | |
| 5 | ARRESTER - SURGE, 9kV, 10kA, POLYMERIC DISTRIBUTION TYPE, 12mm TOP & BOTTOM STUD (COMPLETE WITH BIRDCAP) | 111948 | 6 | 6 | 6 | | |
| 4 | INTELLIRUPTER - S&C, PULSECLOSER (WITH POWER MODULE) (SEE NOTES 7, 10, 12, 13 & 16) | 183071 | 1 | 1 | 1 | | |
| 3 | JOINT - NON TENSION, IPC TO IPC (ENSTO REF. SLW26A) | 188683 | 6 | 6 | 6 | | |
| 2 | JOINT - NON TENSION, IPC TO BARE (ENSTO REF. SLW34A) | 188684 | 6 | 6 | 6 | | |
| 1 | CONDUCTOR - 11kV CCSX159, 159mm ² , 19/3.26 AAC | 188658 | A/R | A/R | A/R | | |
| | CONSTRUCTION - 11kV, OVERHEAD, 2-11CCT (EXCLUDING BRIDGES) | 174962 | | | | 1 | |
| | CONSTRUCTION - 11kV, OVERHEAD, 2-11CCSX (EXCLUDING BRIDGES) | 265890 | | | | 1 | |
| | CONSTRUCTION - 11kV, OVERHEAD, 2-11 (EXCLUDING BRIDGES) | 513915 | | | | 1 | |
| | POLE - TIMBER (MINIMUM 8KN) (POLE LENGTH AS REQUIRED) | 513988 | | 1 | 1 | 1 | |

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| APPD: DOMING SHIELDS DWN: P.R. CHKD: P.J. APPD: G.F. DATE: 15/05/2025 CCT CHANGED TO CCSX EARTHING CHANGED TO ALUMINIUM ABOVE GROUND | | DATE: 21/04/2026 LOAD & SOURCE LABELLED, 5M MATERIAL LIST UPDATED. | | DATE: 28/09/2020 CCT OPTION ADDED, MATERIAL LIST & NOTES AMENDED. | | CHKD: PHILIP JONES DWN: PATRICIA ROS APPD: G.F. | | DO NOT MANUALLY AMEND ELEMENTS | | 2024/1022 | |
| ASSOCIATED DRAWINGS | | EQUIPMENT WEIGHTS INTELLIRUPTER 4.60kg AIR BREAK SWITCH 135kg | | NETWORK STANDARD | | SCALE DESIGNED D.DAFO DRAWN D.DAFO/P.JARVIS CHECKED M.ANDREWS APPROVED R.HUGHES DATE 11/03/2011 | | PROJECT NUMBER STD | | STANDARD CONSTRUCTION 11kV S&C INTELLIRUPTER PULSECLOSER WITH BY-PASS AIR BREAK SWITCH MOUNTED ON A TIMBER POLE GENERAL ARRANGEMENT | |
| 11kV S&C INTELLIRUPTER PULSECLOSER FOR CONTROLLING VOLTAGE REGULATOR 244228 11kV S&C INTELLIRUPTER PULSECLOSER 220041 | | 42 HONEYSUCKLE DRIVE, NEWCASTLE WEST NSW 2300 | | TRIM REF NUMBER - | | SIZE A1 | | DRAWING No 220251 | | SHEET 1 | |
| 2024/1022 | | 220251-1.dgn 4/21/2026 9:33:03 AM | | 1 | | 11 | | 12 | | 8 | |