



ITEM	DESCRIPTION	DWG. NO.	STOCK CODE	QTY.
HV END TERMINATION				
151	BOLT HEX HEAD STAINLESS STEEL M10 X 40mm (100 PACK)		45096	2
152	NUT HEX HEAD STAINLESS STEEL M10 (100 PACK)		H39401	2
153	WASHER STAINLESS STEEL M10 x 21 x 1.2mm (100 PACK)		49411	4
154	SPRING WASHER STAINLESS STEEL M10 x 3.5 x 2.2mm (100 PACK)		50120	2
155a	LUG TINNED COPPER COMPRESSION M10 TO SUIT CU MAINS		to suit mains	2
155b	LUG BI-METALLIC COMPRESSION M10 TO SUIT ALUM. MAINS		to suit mains	2
HV PARALLEL GROOVE CLAMP				
201	CONDUCTOR - 19/2.14 BLACK PVC INSULATED HD (70mm ² EARTH)		60111	AS REQ.
202	LUG TINNED COPPER COMPRESSION M10 TO SUIT 70mm ² CU CABLE		74849	2
203	BOLT HEX HEAD STAINLESS STEEL M10 X 40mm (100 PACK)		45088	2
204	NUT HEX HEAD STAINLESS STEEL M10 (100 PACK)		H39401	2
205	WASHER STAINLESS STEEL M10 x 21 x 1.2mm (100 PACK)		49411	4
206	SPRING WASHER STAINLESS STEEL M10 x 3.5 x 2.2mm (100 PACK)		50120	2
207a	CLAMP PARALLEL GROOVE 2 OR 3 BOLT TO SUIT COPPER MAINS		to suit mains	2
207b	CLAMP PARALLEL GROOVE 2 OR 3 BOLT BI-METALLIC TO SUIT ALUMINIUM OR GALVANISED STEEL MAINS		to suit mains	2
HV HOT LINE CLAMP				
301	CLAMP LIVE LINE		H18140	2
302	CABLE FLEXIBLE 35mm ² CU PVC INSULATED BLACK 1008/0.205		60095	5m
303	LUG KIT HEAVY DUTY TO SUIT 11kV LDPE CABLE (1Ø TX SET)		H125252	1
304	HEATSHRINK TERMINATION KIT FOR HV DROPPER LUGS		152207	1
305a	CLAMP BAIL PG 7/3.0-19/3.75 TO SUIT ALUMINIUM OR GALV. MAINS		62356	2
305b	CLAMP BAIL HOT LINE 14 - 212mm ² . TO SUIT COPPER MAINS		176954	2
306	BOLT HEX HEAD STAINLESS STEEL M10 X 40mm (100 PACK)		45096	2

307	NUT HEX HEAD STAINLESS STEEL M10 (100 PACK)		H39401	2
308	WASHER STAINLESS STEEL M10 x 21 x 1.2mm (100 PACK)		49411	4
309	SPRING WASHER STAINLESS STEEL M10 x 3.5 x 2.2mm (100 PACK)		50120	2
HV CCT CONNECTIONS				
401a	LUG 80mm ² (BANANA) BI METALLIC COMPRESSION M12)		176953	2
401b	LUG 120mm ² BI METALLIC COMPRESSION M12)		58321	2
THROUGH TERMINATION				
402	PARALLEL GROOVE CLAMP		144568	2
403	PARALLEL GROOVE CLAMP COVER		144576	2
END TERMINATION				
404	STRAIN ROD INSULATOR		144550	2
405a	STRAIN CLAMP 80mm ²		144535	2
405b	STRAIN CLAMP 120mm ²		144527	2
406	STRAIN CLAMP COVER		144543	2
407	EYE BOLT - M20 x 200mm GALVANISED		513653	2
408	WASHER - SQUARE, 75x75x6mm, GALVANISED		518081	H39231
409	WASHER - CONICAL, M20, STAINLESS STEEL		518082	146316
410	WASHER - LIP, M24 - GALVANISED		518081	176912
411	LINK - SAG, 70kN (PLP PART NO.CTSLEW-070-1)			PURCHASE
412	BOLT HEX HEAD STAINLESS STEEL M10 X 40mm (100 PACK)		45096	2
413	NUT HEX HEAD STAINLESS STEEL M10 (100 PACK)		H39401	2
414	WASHER STAINLESS STEEL M10 x 21 x 1.2mm (100 PACK)		49411	4
415	SPRING WASHER STAINLESS STEEL M10 x 3.5 x 2.2mm (100 PACK)		50120	2
INSTALLATION FOR POLES GREATER THAN 12.5 METRES				
416	PARALLEL GROOVE CLAMP, BIMETALLIC		176491	AS REQ.
417	COVERED CONDUCTOR THICK - TO SUIT FEEDER RATING			AS REQ.
418	INSULATOR - PIN POST LONG STUD (FOR CCT)		145052	AS REQ.
419	WIRE-TIE PREFORMED INSULATED FOR CCT TO SUIT CONDUCTOR			AS REQ.

REFERENCE DRAWINGS	
TITLE	DRAWING No
1 PHASE POLE TRANSFORMER ON TIMBER POLE GENERAL ARRANGEMENT	228831
1 PHASE POLE TRANSFORMER ON COMPOSITE POLE GENERAL ARRANGEMENT	244227

1. END TERMINATION DETAILS
 2. INSTALLATION FOR POLES GREATER THAN 12.5 METRES
 3. NEW EARTH STIRRUP ADDED
 4. REFERENCE DRAWING TABLE
 5. OUTLINE OF HVDO CHANGED AND NOTE 7 ALTERED TO SHOW CHANGE TO PARKING BOLT FOR HOT LINE CLAMPS.
 6. HV SUPPLY PARALLEL GROOVE CLAMP
 7. HV HOT LINE CLAMP
 8. HV SUPPORT CROSSARM
 9. HV END TERMINATION
 10. HV SUPPLY - CCT CONDUCTOR
 11. HV SUPPLY - HOT LINE CLAMP
 12. HV SUPPLY - HOT LINE CLAMP

CONSTRUCTION

NETWORK STANDARD
Ausgrid
 ASSET ENGINEERING, POLICY AND STANDARDS
 TRANSMISSION & DISTRIBUTION SUBSTATION ENGINEERING
 570 GEORGE STREET, SYDNEY

SCALE: AS SHOWN
 DRAWN: C.MABBUTT
 CHECKED: P.JARVIS
 APPROVED: D.GREEV
 DATE: 15/10/2012

PROJECT NUMBER: PM02-02010-1-3-1
 PROJTRAK NUMBER: A1

STANDARD CONSTRUCTION
 SINGLE PHASE - 11kV POLE MOUNTED
 DISTRIBUTION SUBSTATION
 11kV OVERHEAD SUPPLY
 CONNECTION OPTIONS

SIZE: A1
 DRAWING No: 228835
 SHEET: 1
 AMO: 5