

Distribution Design Catalogue

CU Drawing Index

© Western Power ABN 18540492861



Revision List

For drawing revisions please refer to the DDC Amendment list EDM# 24803827

General Notes

Note#	DESCRIPTION
1	Driving point is not required for normal ground conditions including small coffee rocks and shale. For harder ground condition, a driving point is recommended. (It is unlikely the driving point will be suitable for granite rock)
2	Expulsion Dropout Fuse (EDO) base and links as well as K-Mate fuse current limiters are not included in CUs but listed in HV51. Fault Tamer fuse base and links are listed in HV52. Fault Tamer fuse are not to be used on 33kV networks and have a maximum rating of 20A. EDOs are used on 33kV networks and for current rating greater than 20A.
3	For the physical dimension tables the uppermost king bolt / eye bolt is the reference point with coordinates X=0.0, Y=0.0 (Datum)
4	The conductor location in the Y axis of the physical dimension tables lists the height of the conductor on the top of the post insulator above the datum. This dimension has been rounded down taking equipment differences, manufacturing tollerances and installation variations into account. On angle structures, where the conductor is attached to the side of the insulator head the conductor
	is located marginally lower than if located on the top of the insulator. No adjustment is considered necessary to the Y dimension in these cases.
5	For conductor clashing calculation, apply the correct Y dimension which may differ from that listed in the dimension table which is used for ground clearance simulation purposes. E.g. HV09 RHS span (centre to outer phase) Ydim to be 230mm and not 310mm.
6	HV isolators to be selected according to HV53.

© Copyright of Western Power

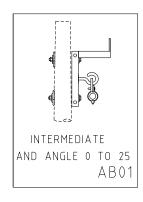
Any use of this material except in accordance with a written agreement with Western Power is prohibited.

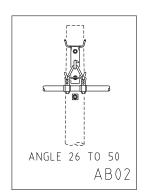


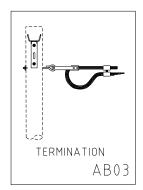
CU INDEX	CU DESCRIPTION
AB	Low Voltage ABC – Section 5
CN	Conductors and Fittings – Section 7
DA	Distribution Automation – Section 9
DM	Decorative Materials – Section 13
НМ	High Voltage Metering – Section 14
HU	High Voltage Underground – Section 10
HV	High Voltage Overhead – Section 1
HX	High Voltage Hendrix – HX
HA	High Voltage ABC - HA
LM	Low Voltage Metering – Section 15
LU	Low Voltage Underground – Section 11
LV	Low Voltage Bare – Section 4
PO	Poles – Section 2
RE	Running Earth – Section 3
SL	Streetlights – Section 12
ST	Stays – Section 6
TX	Transformers – Section 8
UM	Unmetered Supply – Section 16

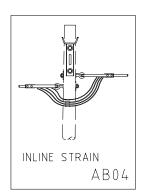


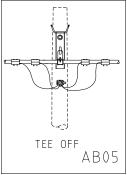
EDM # 24802820 3 of 27 Printed 26/03/2024



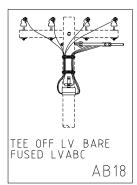






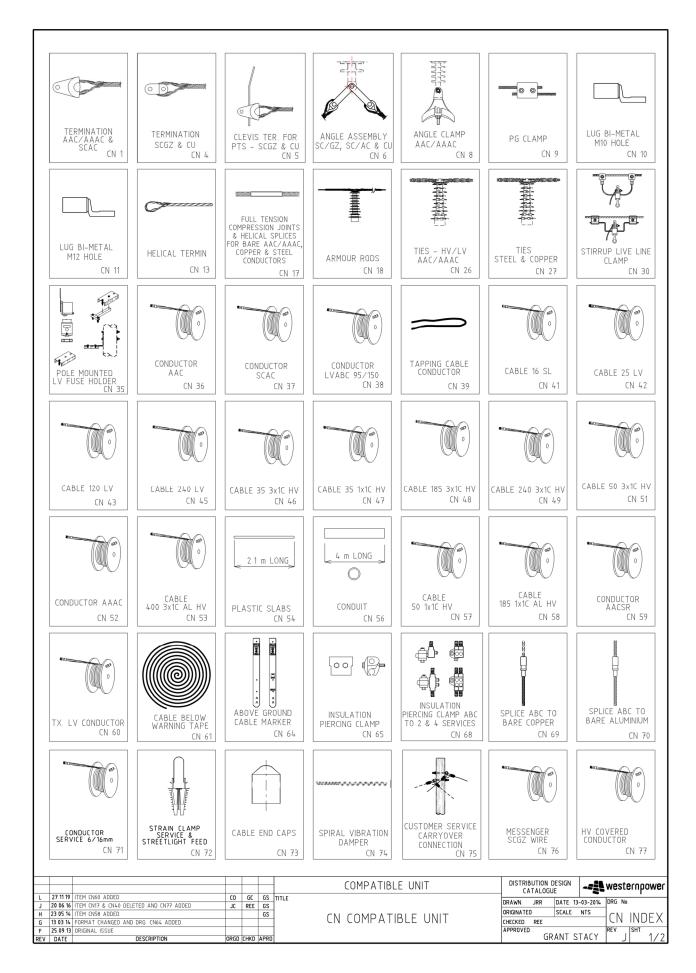






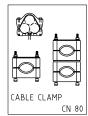
Н						COMPATIBLE UNIT	DISTRIBUTION DESIGN CATALOGUE Westernpower
						TITLE	DRAWN: JRR DATE: 31-03-2014 DRG. No.
						AB COMPATIBLE UNITS	ORIGINATED SCALE NTS ABINDEX
A REV	01.10.99 DATE	ORIGINAL ISSUE DESCRIPTION	ORGO. C	HKD.	APRO.		APPROVED: GRANT STACY B

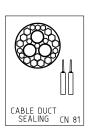










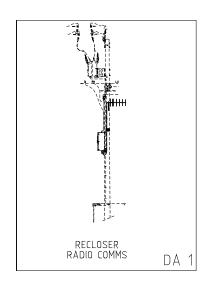


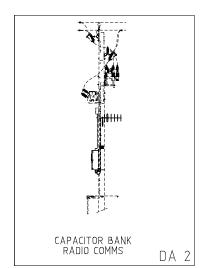
						COMPATIBLE UNIT	DISTRIBUTION DESIGN	-=€ westernpower		
⊢							CATALOGUE	Westernbower		
						TITLE	DRAWN: JRR DATE 13	-03-2014 DRG. No.		
J	20.06.16	ITEM CN17 & CN40 DELETED	JC	REE	GS	<u> </u>				
Н	23.05.14	ITEM CN58 ADDED			GS	CN COMPATIBLE UNIT	ORIGINATED SCALE:	CN INDEX		
G	13.03.14	FORMAT CHANGED AND DRG. CN64 ADDED.				CN CUMPATIBLE UNIT	CHECKED: REE	CN INDEX		
F	25.09.13	ORIGINAL ISSUE				[APPROVED:	REV. SHT.		
REV	DATE	DESCRIPTION	ORGD.	CHKD.	APRD		GRANT S	TACY J 2/2		

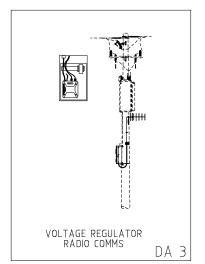


Uncontrolled document when printed. Printed copy expires one week from print date.

EDM # 24802820 6 of 27 Printed 26/03/20

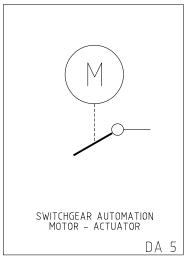


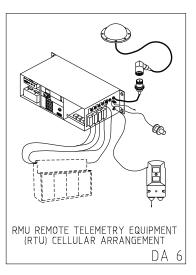


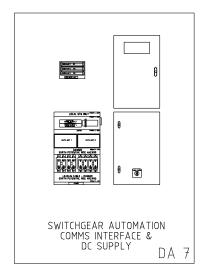


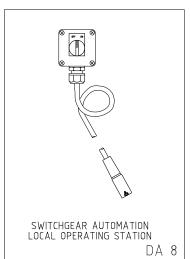
FAULT INDICATOR SOLAR SUPPLY REFERENCE DRG (O/H&U/G) FUTURE RADIO COMMS

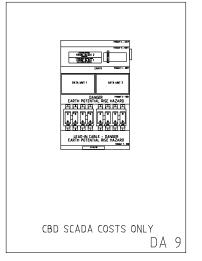
DA 4





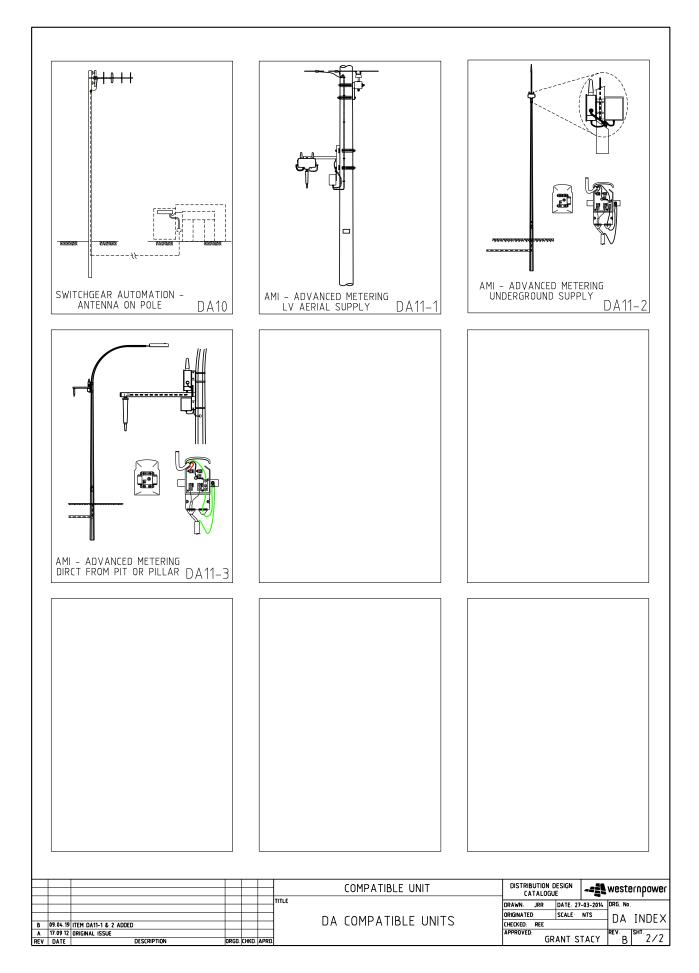




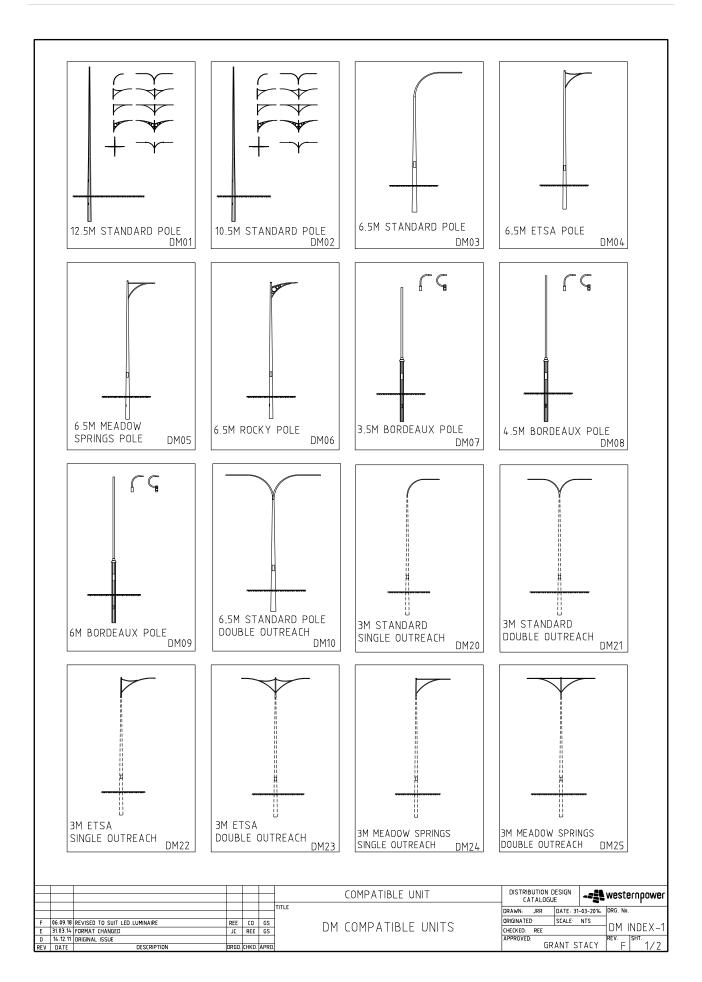


⊢			\vdash					COMPATIBLE UNIT	DISTRIBUTION		-=59	westernp	ower
-			-		-	****			CATALOG	IUE	===		
\vdash			\vdash			TITLE			DRAWN: JRR	DATE: 2	7-03-2014	DRG. No.	
-						-			ORIGINA TED	SCALE	NTS	١,,	IDEV
\vdash			\vdash				DA	COMPATIBLE UNITS	CHECKED: REE		.,	-DA IN	1DE X
١.	02 10 12	DRIGINAL ISSUE	\vdash			-	_ , .		APPROVED			REV. SHT.	
			ORGD.	TIKD	ADDD	-				RANT S	ΤΔΓΥ	V 3	1/2
REV	DATE	DESCRIPTION	UKUU.	.חגט.	APRU					11/11/11	Inci	A	

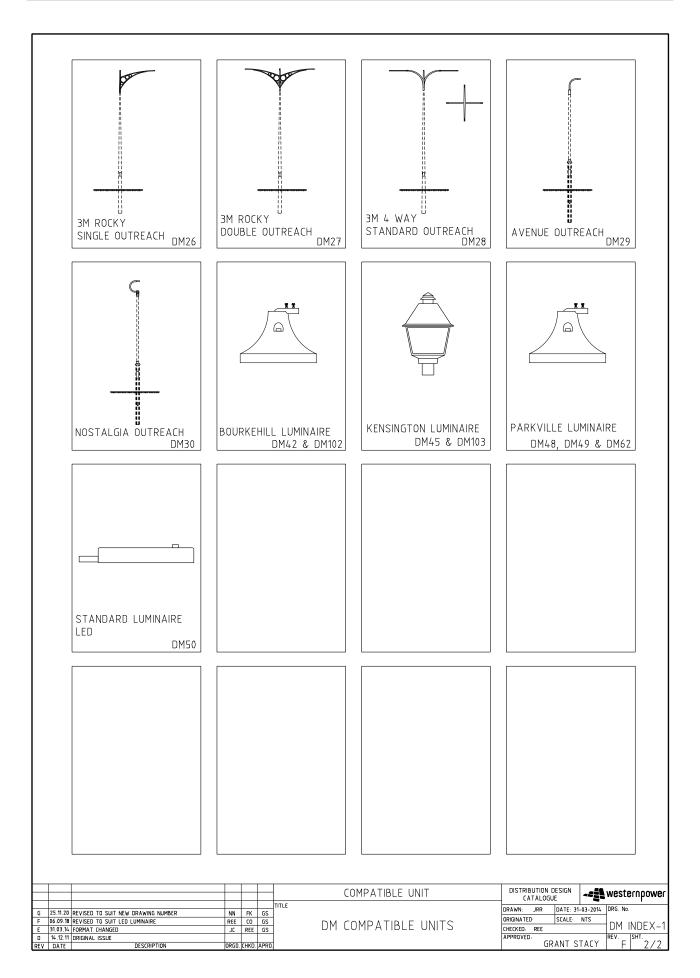




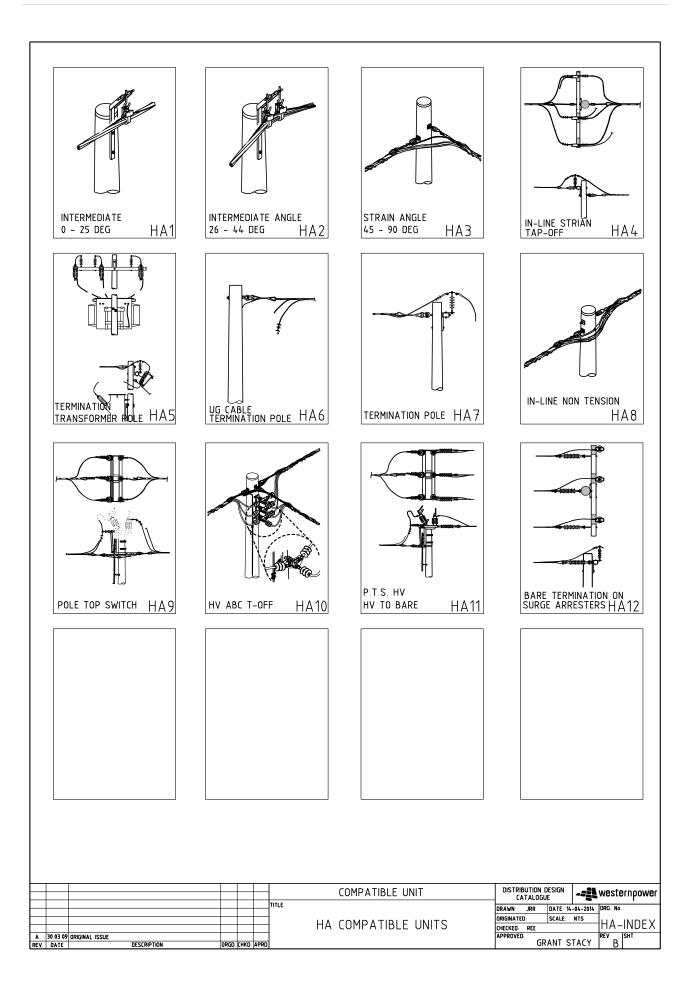




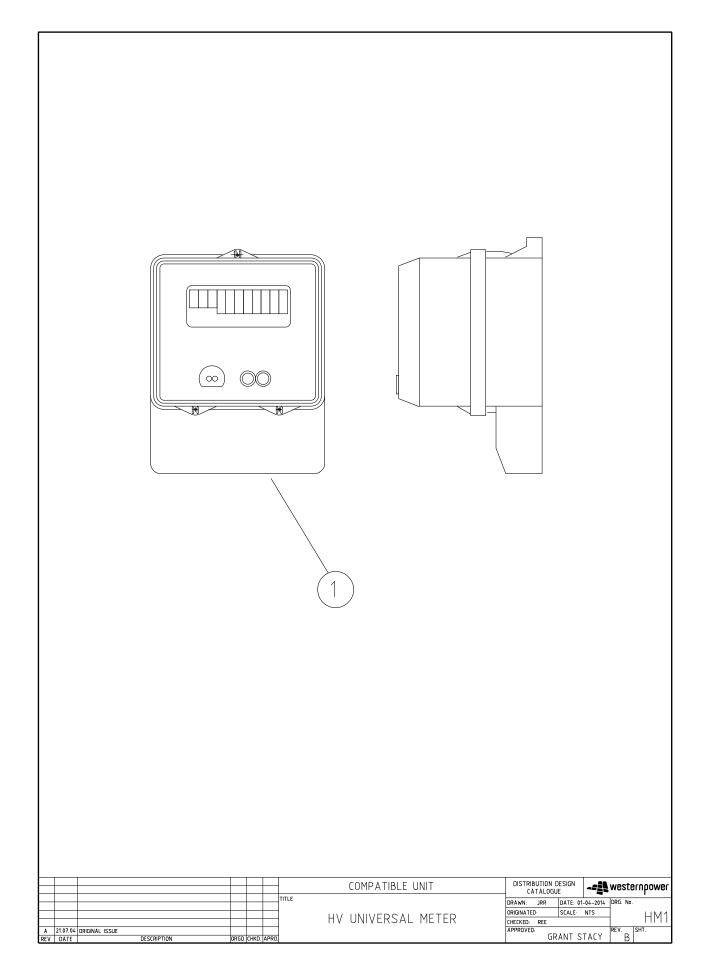




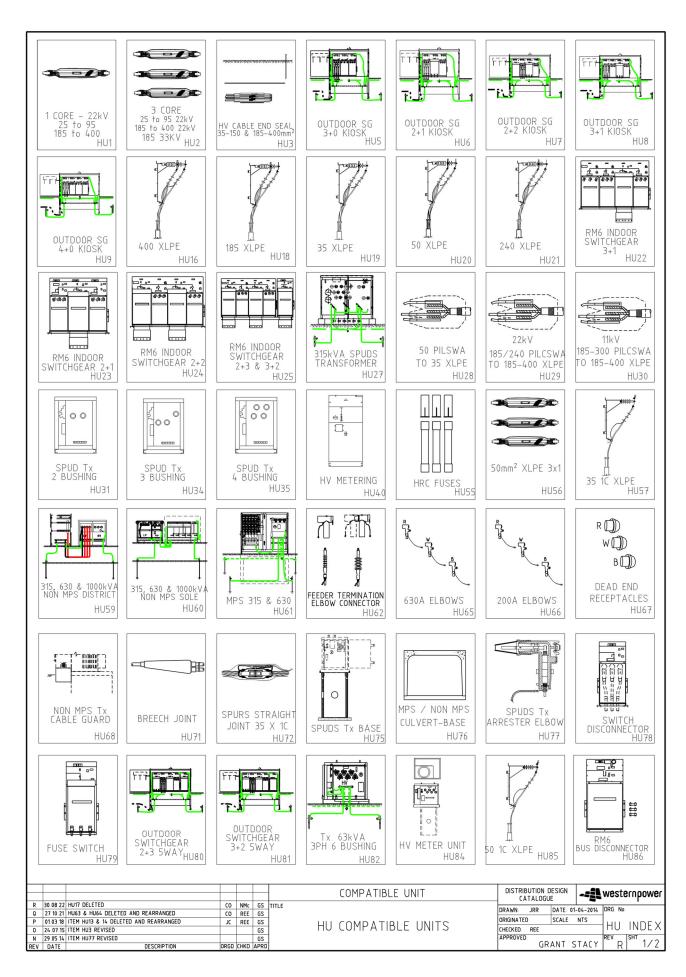




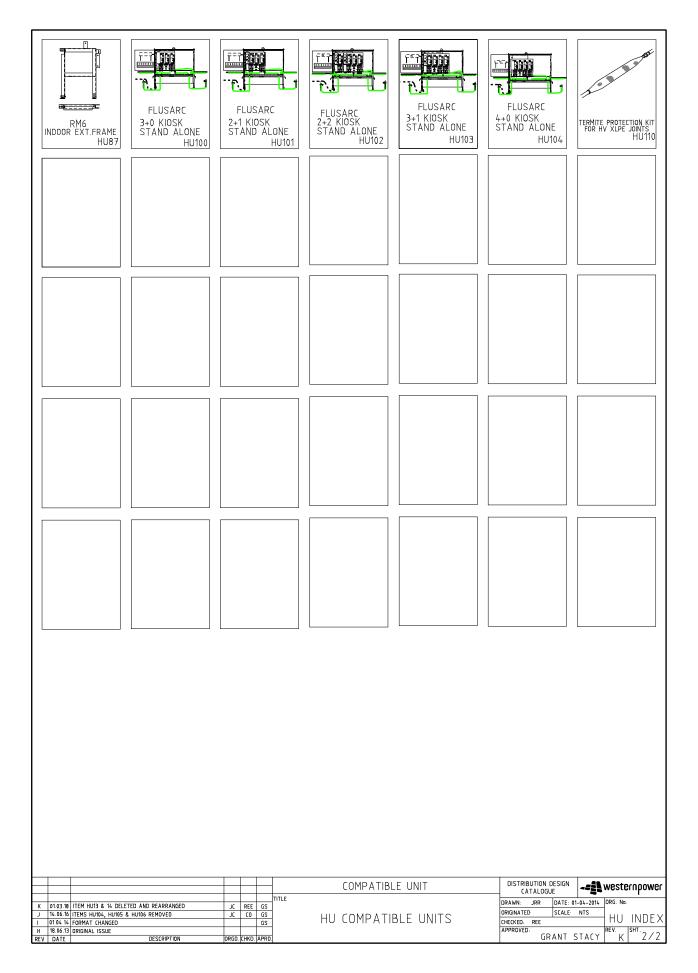




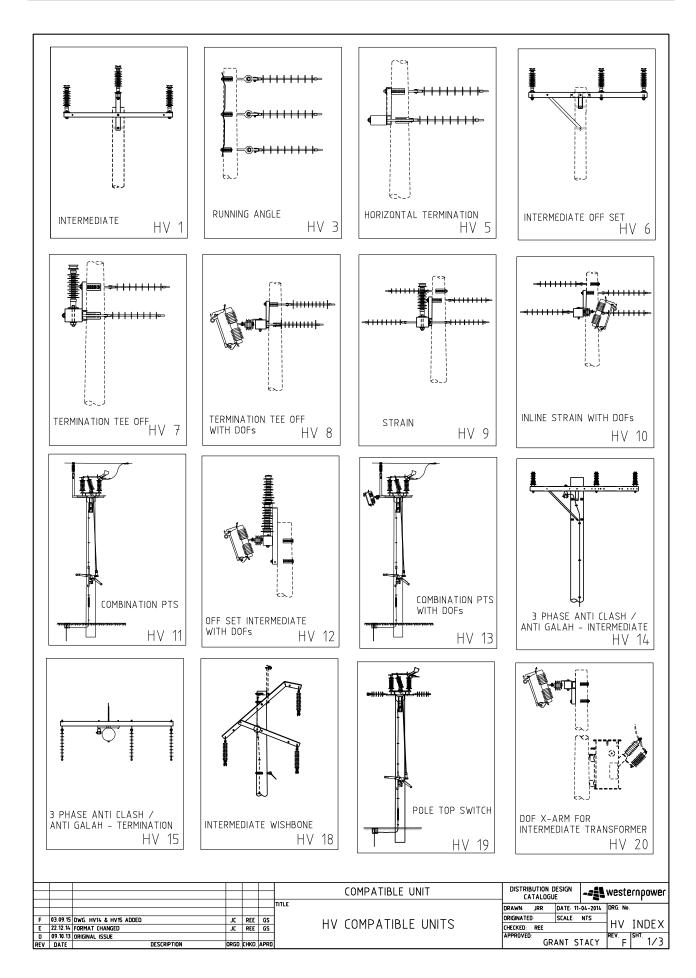




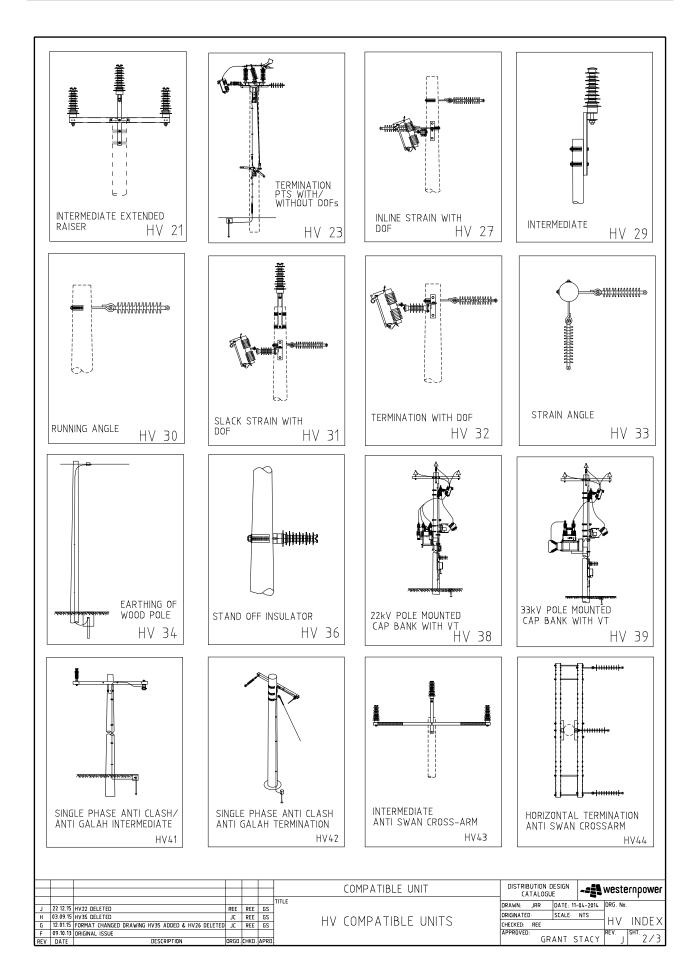




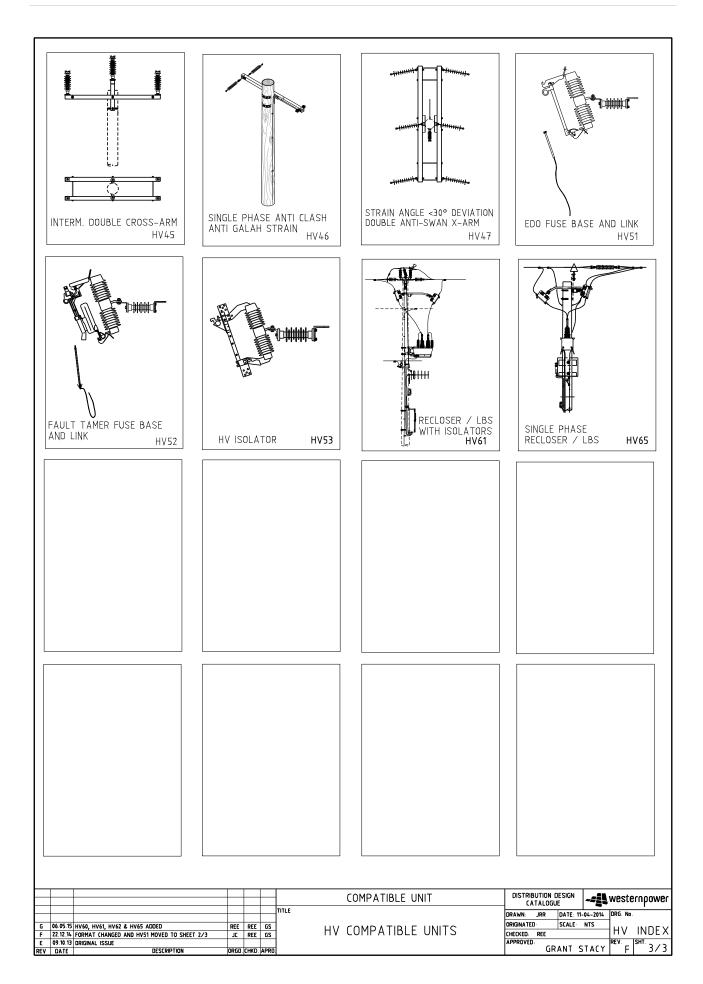




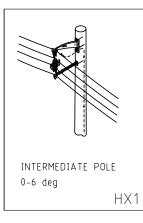


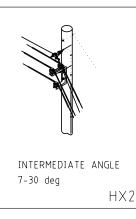


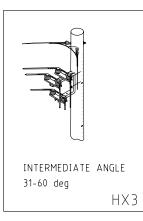


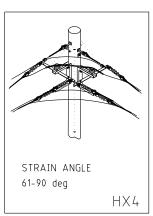


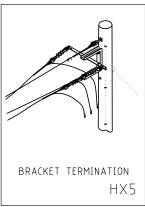


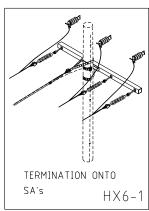


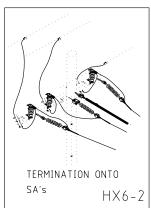


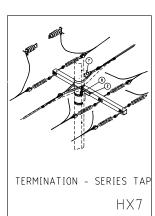


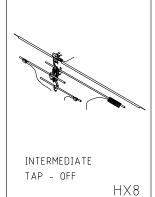




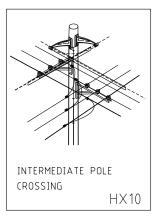






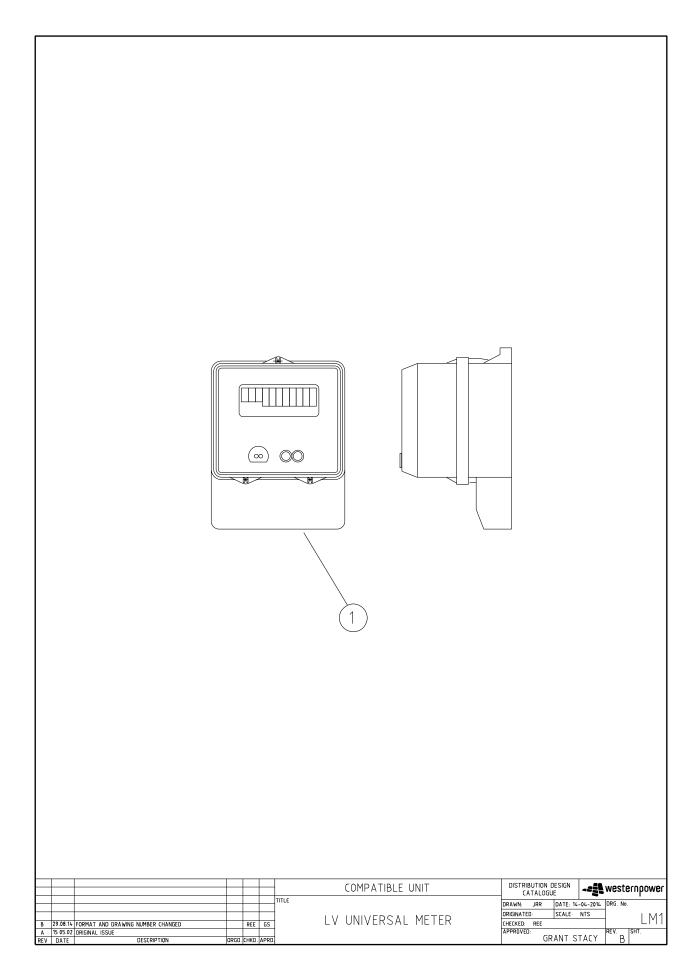




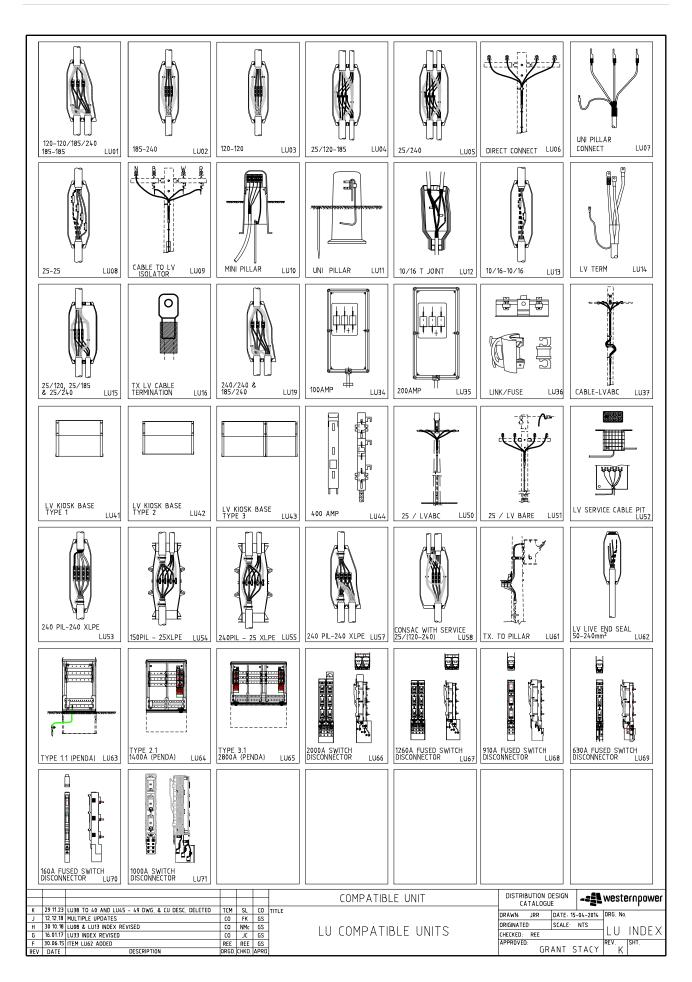


						COMPATIBLE UNIT	DISTRIBUTION DESIGN	-≥ westernpower
						COTIL ATIBLE ONLY	CATALOGUE	TES Westernbower
_						TITLE	DRAWN JRR DATE 11	-04-2014 DRG. No.
1								
						LIV COMPATIBLE LIMITO	ORIGINATED SCALE	NTS UV INDEV
В	01.07.16	FORMAT CHANGED	JC	REE	GS		CHECKED: REE	HX-INDEX
A	03.02.09	ORIGINAL ISSUE					APPROVED:	REV SHT
REV	DATE	DESCRIPTION	ORGD.	CHKD.	APRO		GRANT S	TACY B



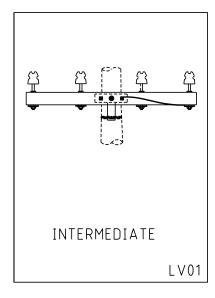


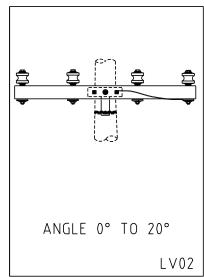


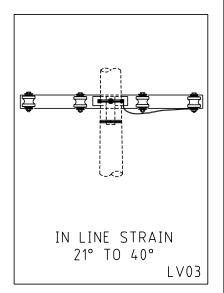


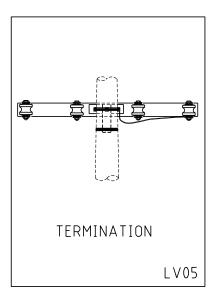


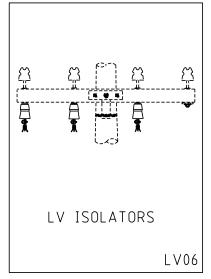
Printed 26/03/2024

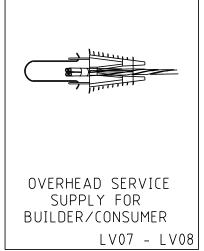






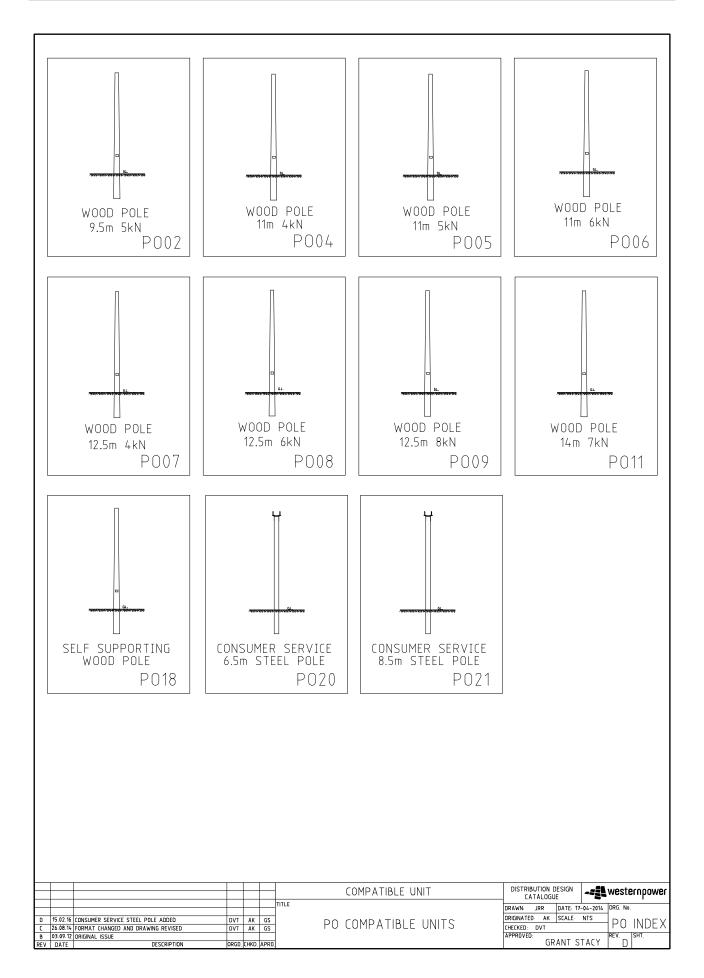




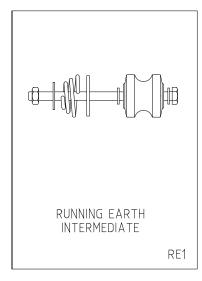


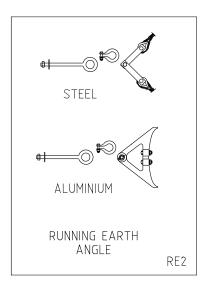
						COMPATIBLE UNIT	DISTRIBUTION DESIGN	westernpower
							CATALOGUE	
			-	-		TITLE	DRAWN: JRR DATE: 17-0	04-2014 DRG No.
							ORIGINATED SCALE N	NTS
B	16 01 15	FORMAT CHANGED AND LV03 TITLE REVISED	AK	DVT	GS	LV COMPATIBLE UNITS	CHECKED: REE	LV INDEX
		ORIGINAL ISSUE			0.5		APPROVED	REV. ISHT.
REV	DATE		ORGO.	CHKD.	APRO.		GRANT ST	ACY B

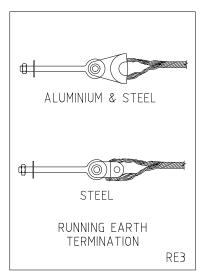


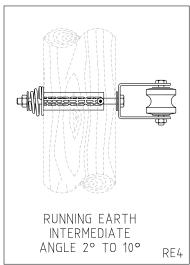


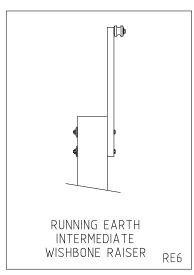


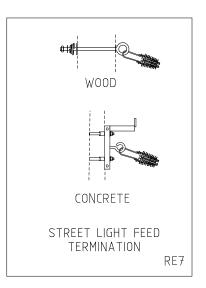


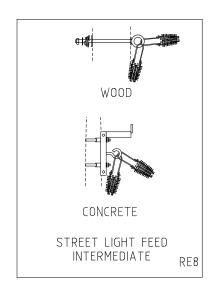


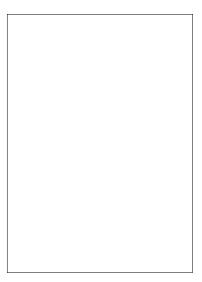


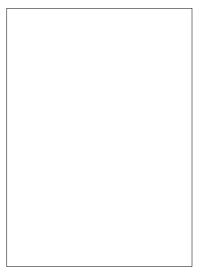






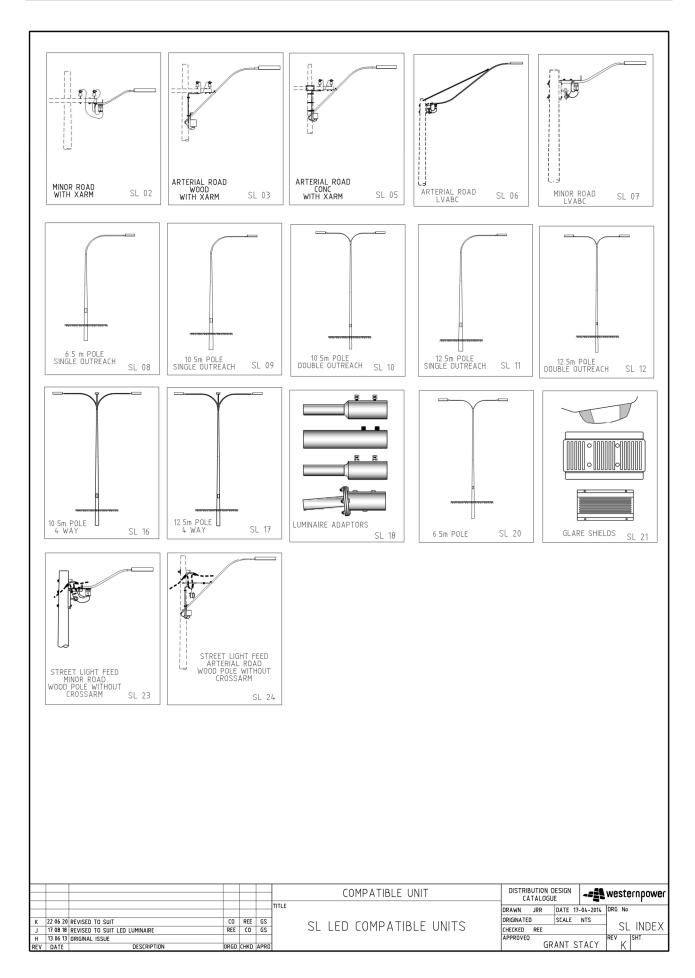




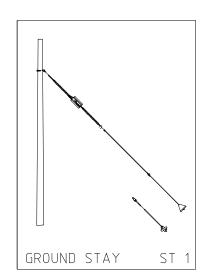


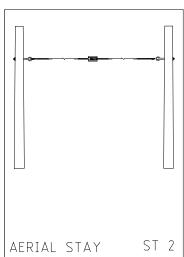
L														
E									COMPATIBLE UNIT	DISTRIBU	TION DES	SIGN	#\	westernpower
⊦				-			TITLE			DRAWN: J	RR D/	ATE: 17-04-	-2014	DRG. No.
L								DF	COMPATIBLE UNITS	ORIGINATED		CALE NT	s	RE INDEX
ш	D	04.12 14	FORMAT CHANGED AND RE4 ADDED)C	REE	GS		11/	COM A HOLL ONITS	CHECKED: F	EE			
Г	c	27.09.13	ORIGINAL ISSUE				1			APPROVED:				REV. SHT.
R	No	DATE	DESCRIPTION	ORGO.	CHED.	APRO					GRAN	NT STA	LY	D

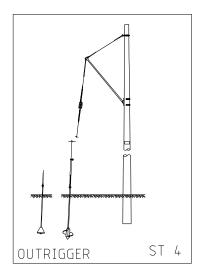






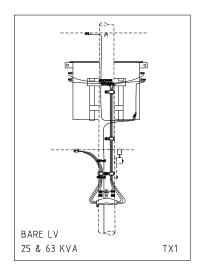


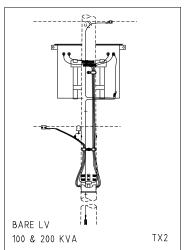


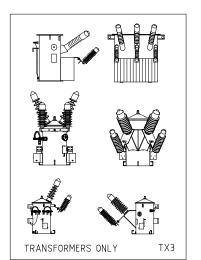


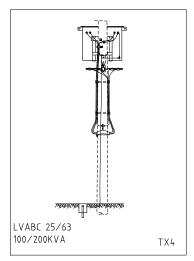
							COMPATIBLE UNIT	DISTRIBUTION DESIGN CATALOGUE Western power
						TITLE		DRAWN: JRR DATE: 22-04-2014 DRG. No. ORIGINATED: AT SCALE: NTS
С		FORMAT CHANGED & ST 5 & 6 DELETED ORIGINAL ISSUE	AT	REE	GS	ST	COMPATIBLE UNITS	CHECKED: REE ST INDEX
REV	DATE		ORGO.	CHKD.	APRD.			GRANT STACY (

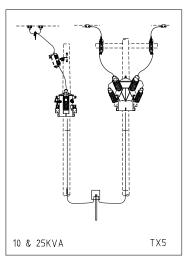


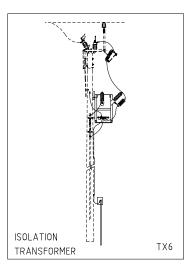


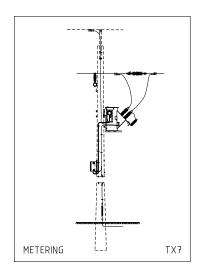


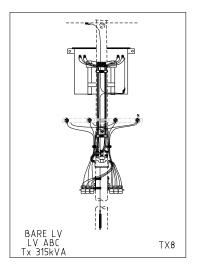






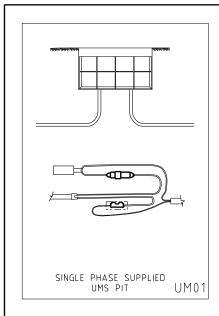


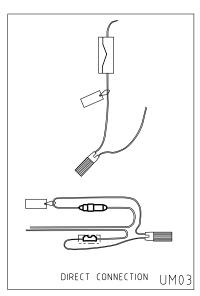


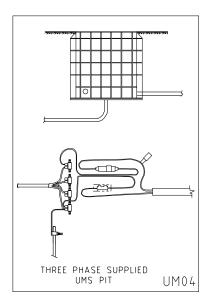


							COMPATIBLE UNIT	DISTRIBUTION DESIGN	-≥ westernpower
-						T.T. C		CATALOGUE	5-
\vdash			1			TITLE		DRAWN: JRR DATE: 1	7-03-2014 DRG. No.
-	11 07 19	TRANSFORMER TYPE CHANGED	NMc	REE	GS	_		ORIGINATED SCALE	NTS
			MALE		us	T v	TOMBATIRE LIMITS		TX INDEXI
В	16 10 14	FORMAT CHANGED	JC	REE	GS		COLLI ALIDEE OMITS	CHECKED: REE	
Α	28.04.09	DRIGINAL ISSUE						APPROVED:	REV. SHT.
REV	DATE	DESCRIPTION	ORGO.	CHKD.	APRO			GRANT S	STACY (









							COMPATIBLE UNIT	DISTRIBUTION DESIGN CATALOGUE	-== westernpower
						TITLE		DRAWN: JRR DATE: 22	2-04-2014 DRG. No.
F	18.02.21	DRAWING UM02 DELETED	(0	NN	GS	LIM	COMPATIBLE UNITS	ORIGINATED SCALE	UM INDEX
Ε	21.08.19	DRAWING UM02 DELETED	(0	NMc	GS	UI*I	COMPATIBLE UNITS	CHECKED: REE	UNI INDEX
0	17.09.09	ORIGINAL ISSUE						APPROVED:	REV. SHT.
REV	DATE	DESCRIPTION	ORGO.	CHKD.	APRO.			GRANT S	TALY F



Uncontrolled document when printed. Printed copy expires one week from print date.

EDM # 24802820 27 of 27 Printed 26/03/20