

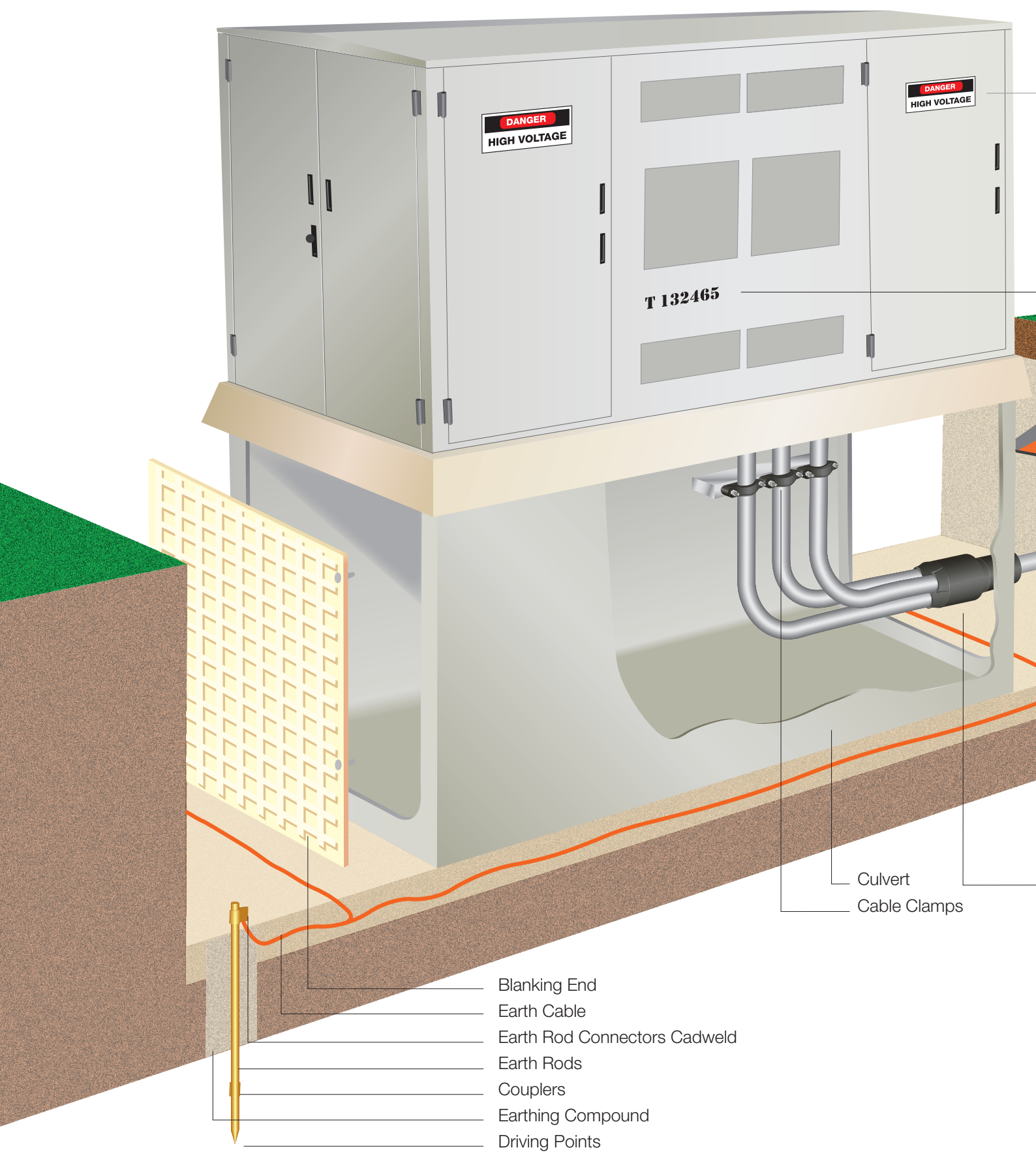


All Round
Supplies

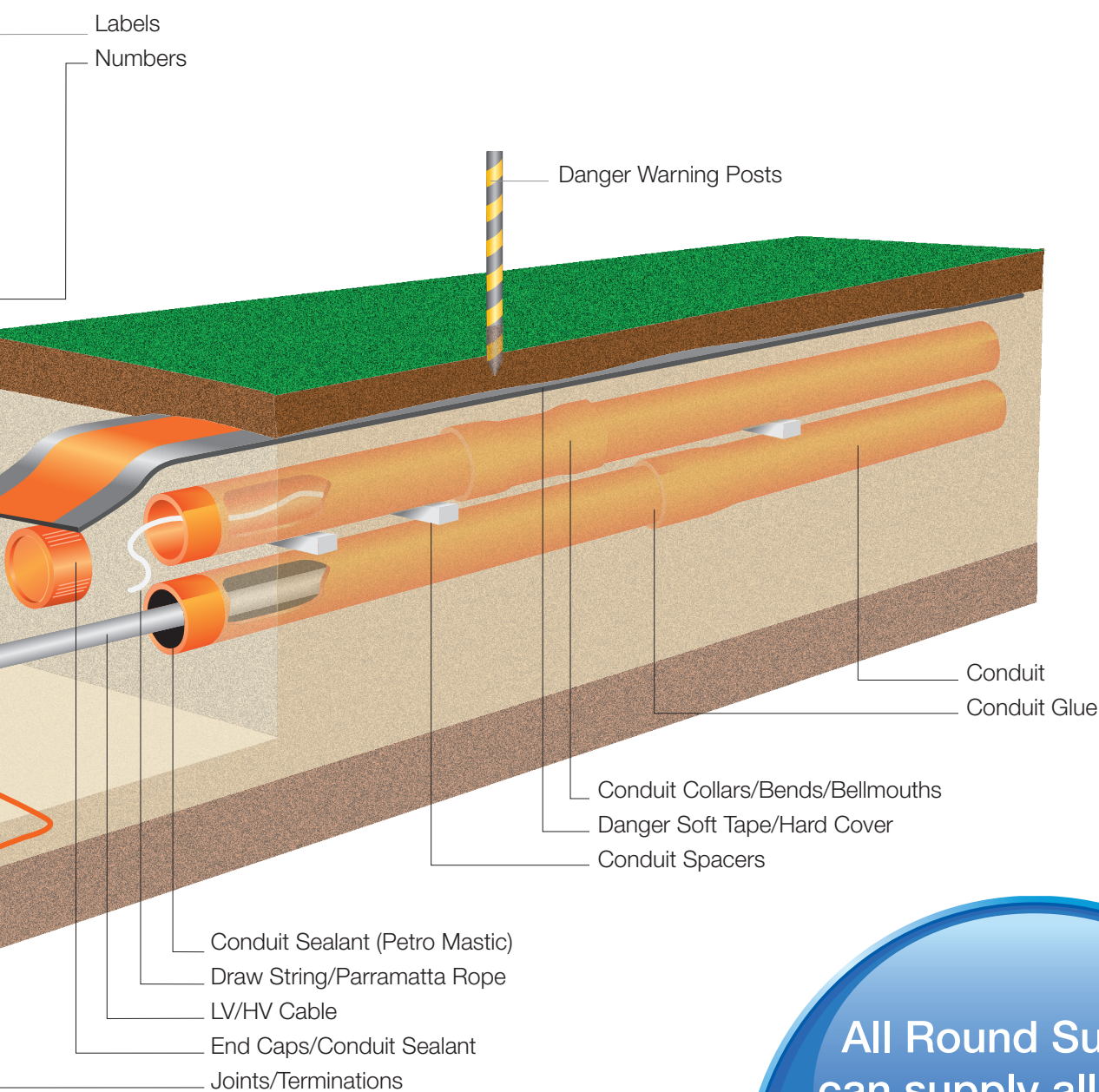
Essential Energy

Padmount Substations

Padmount Substations – a closer look:



*The diagram above is for illustrative purposes only



**All Round Supplies
can supply all of your
Padmount Substation
accessories.
Contact your nearest
branch today on
1300 087 579!**



ESSENTIAL PADMOUNT SUBSTATIONS

This brochure is designed to help you find the padmount substation and construction materials required for your Essential Energy job.

We carry an extensive range of utility approved products for use on the electrical infrastructure networks of Endeavour Energy, Ausgrid and Essential Energy.

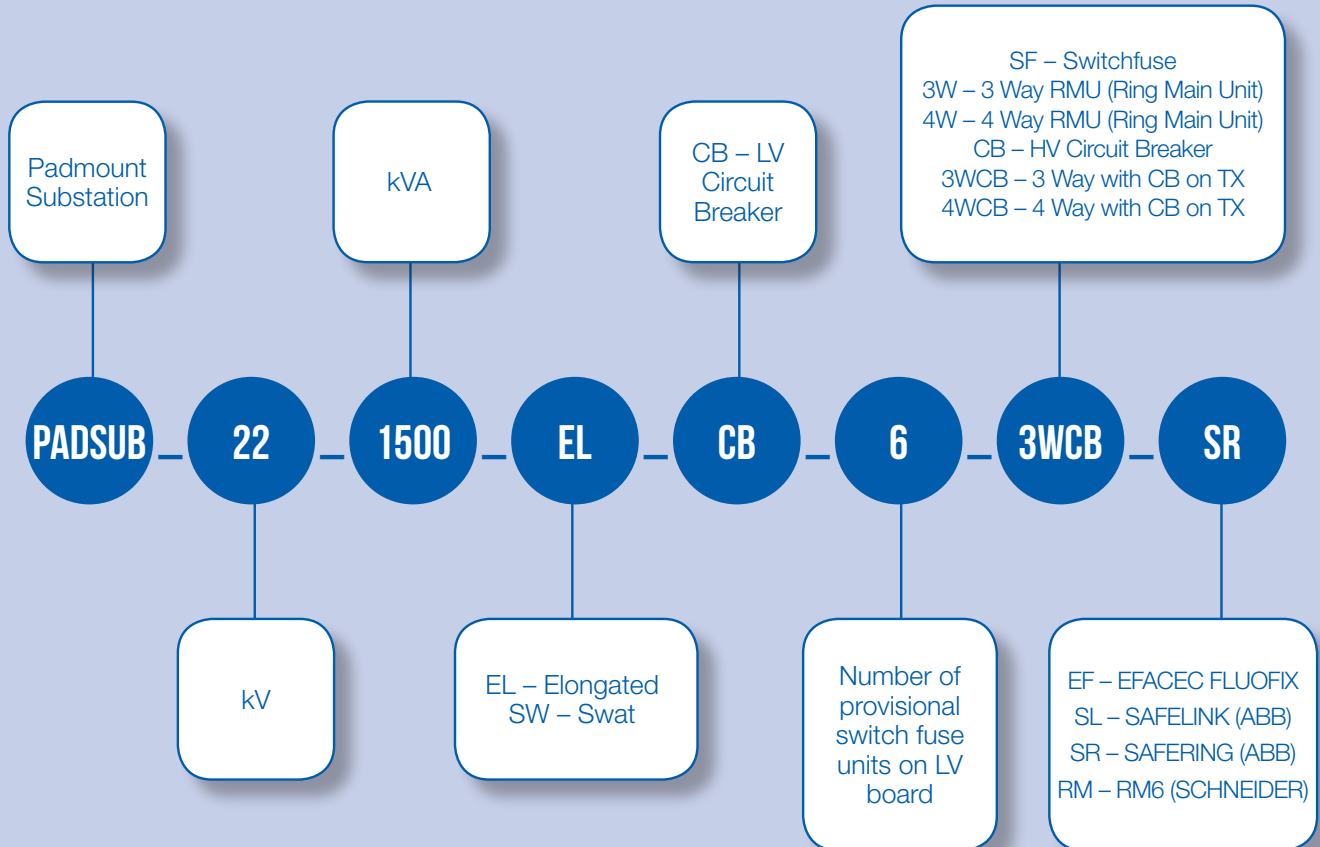
Our range of products make it easy for you to complete your project saving you time, money and the hassle of running around finding the materials you need to get the job done.

We are committed to providing you with the best products, brands and services from many of the world's leading manufacturers such as Olex, Tyco Electronics, PLP, Tyree Transformers, Wagners, Fuseco, Australmold, Erico, Sicame, Greg Sewell Forgings, MV Technology, Bri-Tech, Prysmian, Cabac, ABB, and Schneider.

WHAT WE OFFER:

- ▶ Huge range of stock in all branch locations.
- ▶ Project-specific packaging & labelling of deliveries.
- ▶ Coordinate deliveries to meet project deadlines.
- ▶ Kitting and ARSsemblies for ease of ordering.
- ▶ Ability to order in non-stocked items on request.
- ▶ Technical expertise and advice.
- ▶ Utility approved products.

PADMOUNT SUBSTATION DESCRIPTION NOMENCLATURE



11kV Padmount Substations

315 kVA

ESSENTIAL PADMOUNT SUBSTATIONS			CULVERTS (1 of each required)		BLANKING ENDS (2 required)	MV FUSES (3 required)	
SUBSTATION DESCRIPTION	EE Code	ARS Code	ARS Code	ARS Code	ARS Code	Size	ARS Code
SUBPAD_11_315_EL_6_SFEF	251600	05245	04322	04323	05616	40A	04718
SUBPAD_11_315_EL_6_3WEF	251610	06937	04322	04323	05616	40A	04718
SUBPAD_11_315_EL_6_4WEF	251620	05278	06824	06825	05614	40A	04718
SUBPAD_11_315_EL_CB4_3WEF	251640	04941	04322	04323	05616	40A	04718

500 kVA

ESSENTIAL PADMOUNT SUBSTATIONS			CULVERTS (1 of each required)		BLANKING ENDS (2 required)	MV FUSES (3 required)	
SUBSTATION DESCRIPTION	EE Code	ARS Code	ARS Code	ARS Code	ARS Code	Size	ARS Code
SUBPAD_11_500_EL_6_SFEF	251680	04173	04322	04323	05616	50A	00618
SUBPAD_11_500_EL_6_3WEF	251685	04324	04322	04323	05616	50A	00618
SUBPAD_11_500_EL_CB4_4WEF	251689	TBA	06824	06825	05614	50A	00618
SUBPAD_11_500_EL_CB4_SFEF	251691	04405	04322	04323	05616	50A	00618
SUBPAD_11_500_EL_CB4_3WEF	251692	04079	04322	04323	05616	50A	00618
SUBPAD_11_500_EL_6_4WEF	251693	04406	06824	06825	05614	50A	00618

750 kVA

ESSENTIAL PADMOUNT SUBSTATIONS			CULVERTS (1 of each required)		BLANKING ENDS (2 required)	MV FUSES (3 required)	
SUBSTATION DESCRIPTION	EE Code	ARS Code	ARS Code	ARS Code	ARS Code	Size	ARS Code
SUBPAD_11_750_EL_6_SFEF	251700	05449	04322	04304	05616	80A	04216
SUBPAD_11_750_EL_6_3WEF	251710	04978	04322	04304	05616	80A	04216
SUBPAD_11_750_EL_CB4_SFEF	251713	04246	04322	04304	05616	80A	04216
SUBPAD_11_750_EL_CB4_3WEF	251714	04087	04322	04304	05616	80A	04216

1000 kVA

ESSENTIAL PADMOUNT SUBSTATIONS			CULVERTS (1 of each required)		BLANKING ENDS (2 required)	MV FUSES (3 required)	
SUBSTATION DESCRIPTION	EE Code	ARS Code	ARS Code	ARS Code	ARS Code	Size	ARS Code
SUBPAD_11_1000_EL_6_4WEF	251719	TBA	06824	04723	05614	80A	04216
SUBPAD_11_1000_EL_6_SFEF	251722	TBA	04322	04304	05616	80A	04216
SUBPAD_11_1000_EL_6_3WEF	251725	07903	04322	04304	05616	80A	04216
SUBPAD_11_1000_EL_CB2_SFEF	251731	04432	04322	04304	05616	80A	04216
SUBPAD_11_1000_EL_CB2_3WEF	251732	05473	04322	04304	05616	80A	04216
SUBPAD_11_1000_EL_CB4_4WEF	251733	05859	06824	04723	05614	80A	04216

1500 kVA

ESSENTIAL PADMOUNT SUBSTATIONS			CULVERTS (1 of each required)		BLANKING ENDS (2 required)
SUBSTATION DESCRIPTION	EE Code	ARS Code	ARS Code	ARS Code	ARS Code
SUBPAD_11_1500_EL_CB(2500A)3_CBRM	251734	05242	04724	06825	05614
SUBPAD_11_1500_EL_CB(2500A)3_3WCBRM	251735	05244	04724	06825	05614
SUBPAD_11_1500_EL_CB(2500A)3_4WCBRM	251736	06607	04724	06825	05614
SUBPAD_11_1500_EL_CB(800A)7_4WCBRM	251731	TBA	04724	06825	05614

22kV Padmount Substations

315 kVA

ESSENTIAL PADMOUNT SUBSTATIONS			CULVERTS (1 of each required)		BLANKING ENDS (2 required)	MV FUSES (3 required)	
SUBSTATION DESCRIPTION	EE Code	ARS Code	ARS Code	ARS Code	ARS Code	Size	ARS Code
SUBPAD_22_315_EL_6_SFEF	251753	04425	04322	04323	05616	20A	04727
SUBPAD_22_315_EL_6_3WEF	251754	04214	04322	04323	05616	20A	04727

500 kVA

ESSENTIAL PADMOUNT SUBSTATIONS			CULVERTS (1 of each required)		BLANKING ENDS (2 required)	MV FUSES (3 required)	
SUBSTATION DESCRIPTION	EE Code	ARS Code	ARS Code	ARS Code	ARS Code	Size	ARS Code
SUBPAD_22_500_EL_6_SFEF	251757	TBA	04322	04323	05616	25A	04763
SUBPAD_22_500_EL_6_3WEF	251758	07519	04322	04323	05616	25A	04763
SUBPAD_22_500_EL_CB4_SFEF	251759	06699	04322	04323	05616	25A	04763
SUBPAD_22_500_EL_CB4_3WEF	251760	06071	04322	04323	05616	25A	04763
SUBPAD_22_500_EL_6_4WEF	251761	TBA	06824	06825	05614	25A	04763

1000 kVA

ESSENTIAL PADMOUNT SUBSTATIONS			CULVERTS (1 of each required)		BLANKING ENDS (2 required)	MV FUSES (3 required)	
SUBSTATION DESCRIPTION	EE Code	ARS Code	ARS Code	ARS Code	ARS Code	Size	ARS Code
SUBPAD_22_1000_EL_6_SFEF	251786	TBA	04322	04304	05616	50A	04765
SUBPAD_22_1000_EL_6_3WEF	251787	08140	04322	04304	05616	50A	04765
SUBPAD_22_1000_EL_CB2_SFEF	251788	04485	04322	04304	05616	50A	04765
SUBPAD_22_1000_EL_CB2_3WEF	251789	06930	04322	04304	05616	50A	04765
SUBPAD_22_1000_EL_CB4_4WEF	251791	04496	06824	04723	05614	50A	04765

1500 kVA

ESSENTIAL PADMOUNT SUBSTATIONS			CULVERTS (1 of each required)		BLANKING ENDS (2 required)
SUBSTATION DESCRIPTION	EE Code	ARS Code	ARS Code	ARS Code	ARS Code
SUBPAD_22_1500_EL_CB(2500A)3_CBRM	251793	04616	04724	06825	05614
SUBPAD_22_1500_EL_CB(2500A)3_3WCBRM	251794	04237	04724	06825	05614
SUBPAD_22_1500_EL_CB(2500A)3_4WCBRM	251795	TBA	04724	06825	05614
SUBPAD_22_1500_EL_CB(800A)7_4WCBRM	251796	TBA	04724	06825	05614

33kV Padmount Substations

500 kVA

ESSENTIAL PADMOUNT SUBSTATIONS			CULVERTS (1 of each required)		BLANKING ENDS (2 required)	MV FUSES (3 required)	
SUBSTATION DESCRIPTION	EE Code	ARS Code	ARS Code	ARS Code	ARS Code	Size	ARS Code
SUBPAD_33_500_EL_6_4WEF	251810	TBA	04724	06824	05614	As Specified	
SUBPAD_33_500_EL_CB4_4WEF	251840	TBA	04724	06824	05614	As Specified	

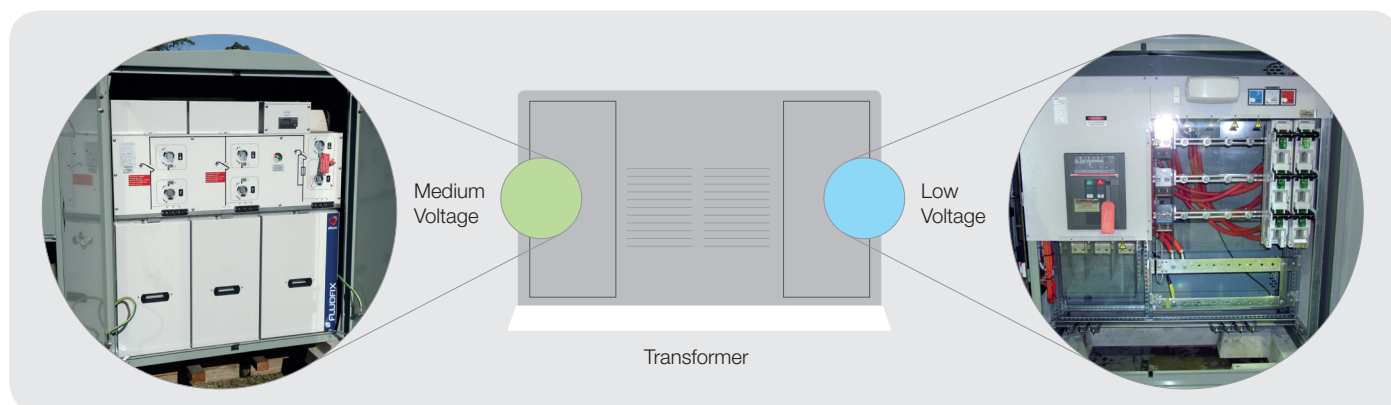
1000 kVA

ESSENTIAL PADMOUNT SUBSTATIONS			CULVERTS (1 of each required)		BLANKING ENDS (2 required)	MV FUSES (3 required)	
SUBSTATION DESCRIPTION	EE Code	ARS Code	ARS Code	ARS Code	ARS Code	Size	ARS Code
SUBPAD_33_1000_EL_6_4WEF	251820	TBA	04724	06824	05614	As Specified	
SUBPAD_33_1000_EL_CB4_4WEF	251850	TBA	04724	06824	05614	As Specified	

1500 kVA

ESSENTIAL PADMOUNT SUBSTATIONS			CULVERTS (1 of each required)		BLANKING ENDS (2 required)	
SUBSTATION DESCRIPTION	EE Code	ARS Code	ARS Code	ARS Code	ARS Code	ARS Code
SUBPAD_33_1500_EL_CB(2500A)3_4WCBRM	251830	05388	TBA	TBA		05614

LV & MV Accessories



Essential Energy Medium Voltage Accessories

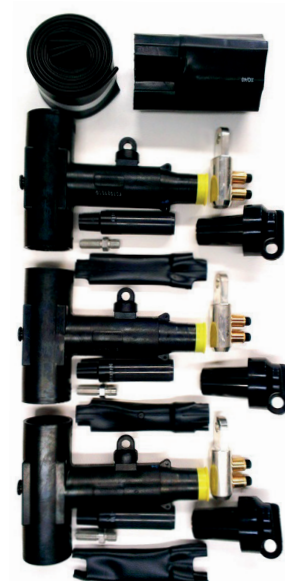
Fuse Type

DESCRIPTION	ARS Code	Buy Unit
FUSE, 12 KV 40A CANNISTER 63MM X 292MM	04718	1 Unit
FUSE, 12KV 50A CANNISTER 63MM X 292 MM	00618	1 Unit
FUSE, 12KV 80A CANNISTER 63MM X 292MM	04216	1 Unit
FUSE, 24KV 20A CANNISTER 63MM X 442MM	04727	1 Unit
FUSE, 24KV 25A CANNISTER 63MM X 442MM	04763	1 Unit
FUSE, 24KV 31.5A CANNISTER 63MM X 442MM	04762	1 Unit
FUSE, 24KV 50A CANNISTER 63MM X 442MM	04765	1 Unit



Termination Kits

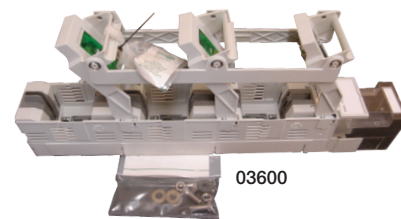
DESCRIPTION	ARS Code	Buy Unit
ELBOW,SCR 11KV 35 3C AL XLPE 630A BOLT	09116	1 Set of 3
ELBOW,SCR 11KV 95 3C AL XLPE 630A BOLT	09117	1 Set of 3
ELBOW,SCR 11KV 240 3C AL XLPE 630A BOLT	09118	1 Set of 3
ELBOW,SCR 11KV 300 3C CU XLPE 630A BOLT	09119	1 Set of 3
ELBOW,SCR 11KV 500 AL 3C XLPE 630A BOLT	09120	1 Set of 3
ELBOW,SCR 22KV 35 3C AL XLPE 630A BOLT	09121	1 Set of 3
ELBOW,SCR 22KV 95 3C AL XLPE 630A BOLT	09122	1 Set of 3
ELBOW,SCR 22KV 185 3C AL XLPE 630A BOLT	TBA	1 Set of 3
ELBOW,SCR 22KV 240 3C AL XLPE 630A BOLT	09123	1 Set of 3
ELBOW,SCR 33KV 50 1C CU XLPE 630A BOLT	09124	1 Set of 3



Essential Energy Low Voltage Accessories

Switchfuse Modules

DESCRIPTION	ARS Code	Buy Unit
SWITCHFUSE, 160A DIN 00, 3 PHASE CE	03599	1 Unit
SWITCHFUSE, 400A DIN 2, 3 PHASE LUG CE	03600	1 Unit
SWITCHFUSE, 630A DIN 3, 3 PHASE LUG CE	04327	1 Unit



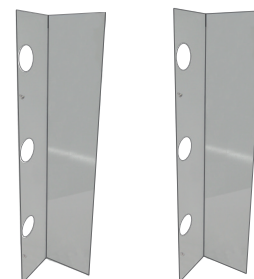
03600



04327

Blank Covers

DESCRIPTION	ARS Code	Buy Unit
COVER, BLANK WEBER SWITCHFUSE 1 MODULE	05009	1 Unit
COVER, BLANK WEBER SWITCHFUSE 2 MODULES	05171	1 Unit



Fuse Cartridge

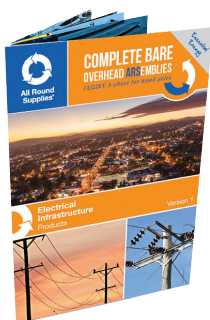
DESCRIPTION	ARS Code	Buy Unit
FUSE, LINK CARTRIDGE 40A 500V DIN 000	04248	1 Unit
FUSE, LINK CARTRIDGE 63A 500V DIN 000	08129	1 Unit
FUSE, LINK CARTRIDGE 80A 500V DIN 000	08130	1 Unit
FUSE, LINK CARTRIDGE 100A 500V DIN 000	08131	1 Unit
FUSE, LINK CARTRIDGE 125A 500V DIN 00	03823	1 Unit
FUSE, LINK CARTRIDGE 160A 500V DIN 00	03824	1 Unit
FUSE, LINK CARTRIDGE 100A 500V DIN 2	04513	1 Unit
FUSE, LINK CARTRIDGE 160A 500V DIN 2	04747	1 Unit
FUSE, LINK CARTRIDGE 200A 500V DIN 2	04252	1 Unit
FUSE, LINK CARTRIDGE 250A 500V DIN 2	04251	1 Unit
FUSE, LINK CARTRIDGE 315A 500V DIN 2	04250	1 Unit
FUSE, LINK CARTRIDGE 400A 500V DIN 2	04767	1 Unit
FUSE, LINK CARTRIDGE 315A 500V DIN 3	04328	1 Unit
FUSE, LINK CARTRIDGE 400A 500V DIN 3	04329	1 Unit
FUSE, LINK CARTRIDGE 500A 500V DIN 3	04330	1 Unit
FUSE, LINK CARTRIDGE 630A 500V DIN 3	06357	1 Unit



Termination Kit

DESCRIPTION	ARS Code	Buy Unit
CELVSUB TERM, 4C 240 STR CEOM7204.31	A0477	1 Unit





Bare Overhead ARSsemblies
Essential Energy



Padmount Substations
Essential Energy



Pole Mounted Transformer
Essential Energy



Service Link
All Utilities



Safety Link
All Utilities



Specialised Tooling
All Utilities



Low Voltage Underground
Ausgrid



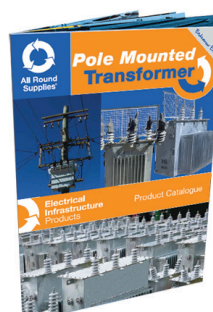
Medium Voltage Underground
Ausgrid



Kiosk Substations
Ausgrid



Low Voltage Underground
Endeavour Energy



Pole Mounted Transformers
Endeavour Energy



Transmission Construction
Endeavour Energy

At All Round Supplies, we have more than fifteen years' experience in keeping up with the changing standards of Australian utilities. Our unique set of catalogues reflects the wealth of knowledge we've gained through years of experience in the supply of electrical infrastructure materials.

These industry specific directories simplify the process of identifying and ordering the correct products, whether you're working in a utility, private, mining, industrial, solar or rail project.

Catalogues are available on request by speaking to your account manager or by contacting your nearest branch on 1300 087 579.

All Round Supplies
13 Progress Circuit,
Prestons, NSW, 2170

P 1300 087 579
E sales@ars.com.au
W ars.com.au



**All Round
Supplies®**