

**All Round
Supplies**

Essential Energy

Pole Mounted Transformers

WELCOME TO OUR POLE MOUNTED TRANSFORMER CATALOGUE

All Round Supplies is your one-stop specialist distributor for all the materials an electrical contractor needs.

THIS POLE MOUNTED TRANSFORMER CATALOGUE IS DESIGNED TO MAKE IT EASY FOR YOU TO FIND THE POLE TRANSFORMER AND CONSTRUCTION MATERIALS 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, Essential Energy in NSW and Power and Water Corporation in the Northern Territory.

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

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

IF WE DON'T STOCK IT, LET US KNOW AND WE WILL ORDER IT IN FOR YOU.

All Round Supplies has a branch network covering Sydney (Prestons) - NSW, Nowra - NSW and Newcastle (Beresfield) - NSW, each staffed with industry specialists that understand your needs and are waiting to help.

WE OFFER:

- **HUGE RANGE OF STOCK IN ALL BRANCH LOCATIONS**
- **PROJECT OR JOB SPECIFIC PACKAGING AND LABELLING OF DELIVERIES**
- **COORDINATE DELIVERIES TO MEET PROJECT DEADLINES**
- **KITTING AND ARSEMBLIES FOR EASE OF ORDERING**
- **TECHNICAL EXPERTISE AND ADVICE**
- **UTILITY APPROVED PRODUCTS**



ARS DRESSED TRANSFORMERS

All Round Supplies offers only dressed pole mounted transformers. The dressed transformer includes the following:

- **Surge diverters with caps**
- **Cover shrouds**
- **CCT dropper cable lugged on one end**
- **CCT lugs**
- **Stainless steel setscrews, washer and nuts**

Alternatively you can choose to purchase these items individually (refer to pages 6-10).

POLE MOUNTED TRANSFORMERS

11kV Transformer

Description	ARS Code	EE Part Number
16kVA/1ph/11kV	05748	253700
25kVA/1ph/11kV	05747	253730
50kVA/1ph/11kV	05750	253790
25kVA/3ph/11kV	05746	252110
63kVA/3ph/11kV	06200	252200
100kVA/3ph/11kV	05745	252290
200kVA/3ph/11kV	05744	252410
315kVA/3ph/11kV	05772	252590
500kVA/3ph/11kV	06124	252740

22kV Transformer

Description	ARS Code	EE Part Number
16kVA/1ph/22kV	06198	253940
25kVA/1ph/22kV	05749	253970
50kVA/1ph/22kV	06199	254030
25kVA/3ph/22kV	06280	252980
63kVA/3ph/22kV	06201	253070
100kVA/3ph/22kV	06202	253100
200kVA/3ph/22kV	06622	253160
315kVA/3ph/22kV	06263	253250
500kVA/3ph/22kV	06181	253310

33kV Transformer

Description	ARS Code	EE Part Number
25kVA/1ph/33kV	06362	254100
25kVA/3ph/33kV	06312	254120
63kVA/3ph/33kV	06074	254140
100kVA/3ph/33kV	07575	254150
200kVA/3ph/33kV	05780	254160
315kVA/3ph/33kV	08297	254170
500kVA/3ph/33kV	07719	254180

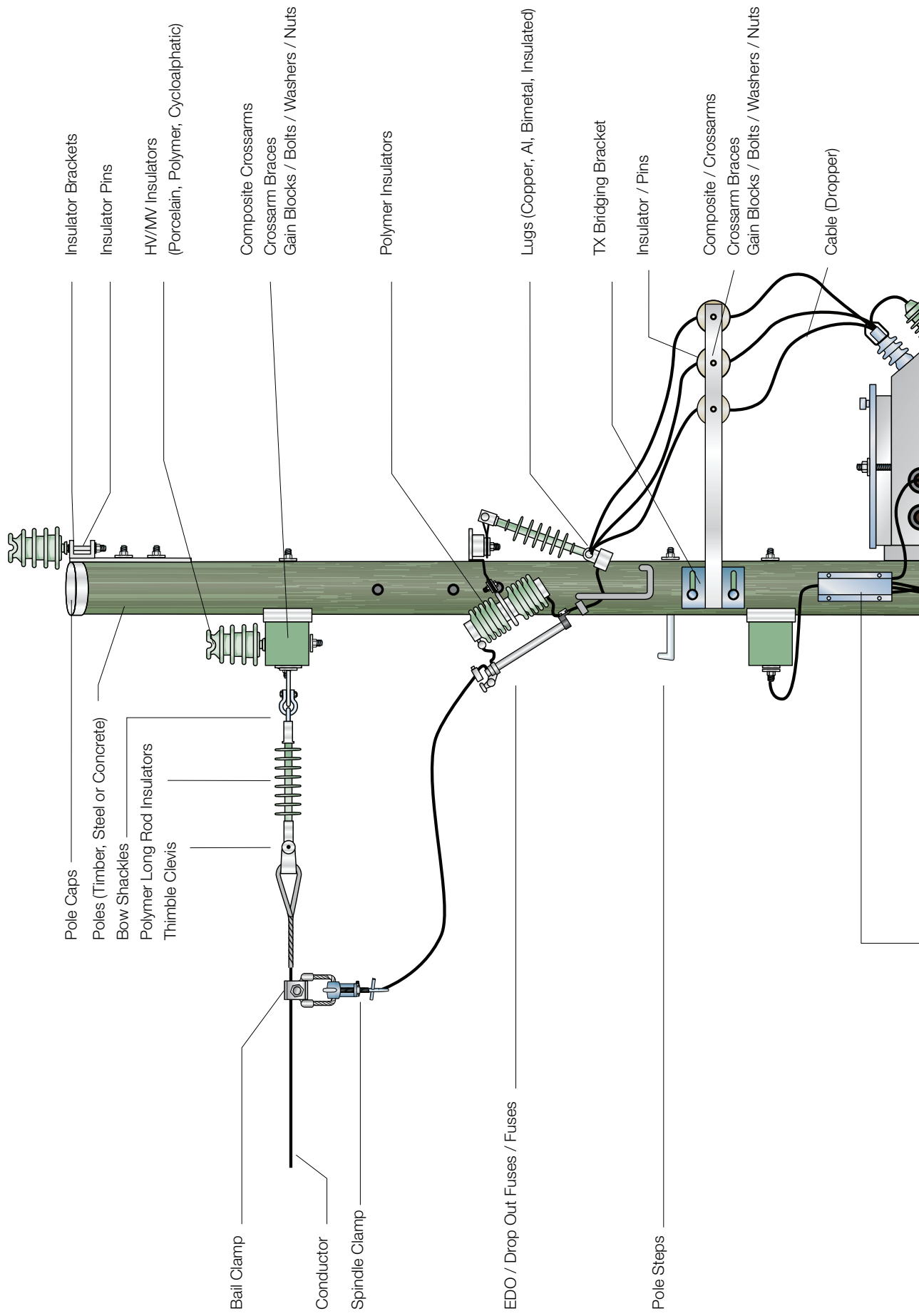
Single Wire Earth Return (SWER)

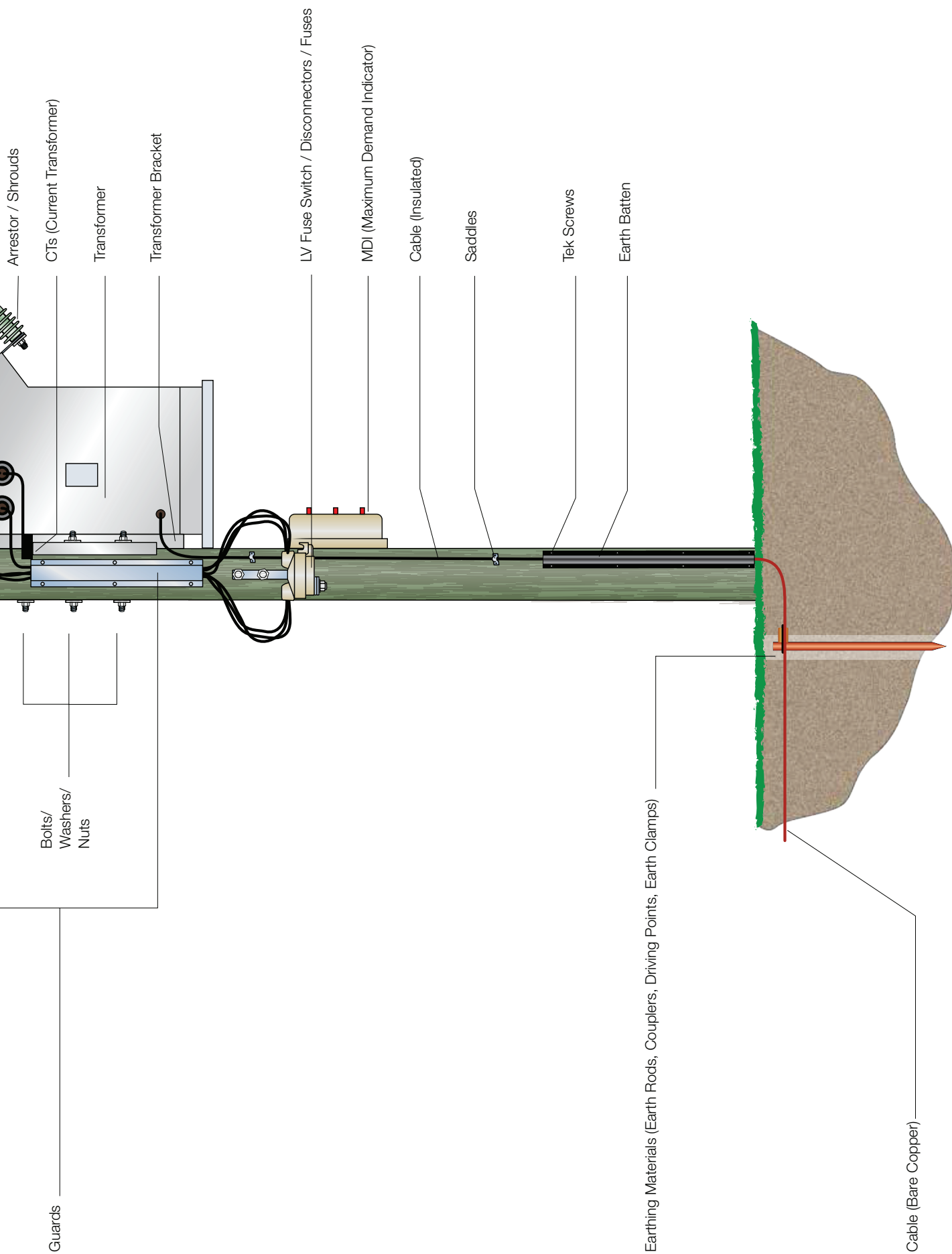
Description	ARS Code	EE Part Number
16kVA/12.7 SWER	06549	254930
16kVA/19.1 SWER	TBA	255050
25kVA/12.7 SWER	05450	254960
25kVA/19.1 SWER	04894	255110
50kVA/12.7 SWER	TBA	254970
50kVA/19.1 SWER	07284	255130
100kVA/12.7 SWER Isolator	TBA	255230
100kVA/12.7 SWER Isolator	TBA	255260
200kVA/19.1 SWER Isolator	TBA	255116



Did you know...

All Round Supplies can supply all of your pole mounted transformer construction materials.





CONSTRUCTION MATERIALS

FOR ESSENTIAL ENERGY POLE TOP TRANSFORMERS

Composite fibre crossarms

Description	Code	Buy Unit	Unit of Measure
CROSSARM,COMPOSITE HV 100X100X2200 FG50	06156	1 Unit	Each
CROSSARM,COMPOSITE HV 125X125X3000 FG51	07423	1 Unit	Each
CROSSARM,COMPOSITE HV 100X100X3000 FG52	05956	1 Unit	Each
CROSSARM,COMPOSITE HV 125X125X2300 FG53	06431	1 Unit	Each
CROSSARM,COMPOSITE HV 100X100X2000 FG62	05043	1 Unit	Each
CROSSARM,COMPOSITE HV 100X100X2400 FG63	04882	1 Unit	Each
CROSSARM,COMPOSITE HV 100X100X3000 FG64	05088	1 Unit	Each
CROSSARM,COMPOSITE HV 125X125X3000 FG65	07835	1 Unit	Each
CROSSARM,COMPOSITE HV 125X125X3300 FG66	06896	1 Unit	Each
CROSSARM,COMPOSITE HV 100X100X2000 FG69	06340	1 Unit	Each
CROSSARM,COMPOSITE HV 100X100X2400 FG70	06341	1 Unit	Each
CROSSARM,COMPOSITE HV 125X125X2000 FG71	06342	1 Unit	Each
CROSSARM,COMPOSITE HV 125X125X2400 FG72	06343	1 Unit	Each
CROSSARM,COMPOSITE HV 125X125X3000 FG73	06344	1 Unit	Each
CROSSARM,COMPOSITE HV 100X100X3200 FG79	05455	1 Unit	Each



Composite fibre risers

Description	Code	Buy Unit	Unit of Measure
RISER, COMPOSITE 100 X 100 X 900	05778	1 Unit	Each
RISER, COMPOSITE 100 X 100 X 1400	05045	1 Unit	Each



Gain Blocks

Description	Code	Buy Unit	Unit of Measure
GAIN BLOCK, 100MM CROSSARM	00383	1 or Pack of 25	Each
GAIN BLOCK, 125MM CROSSARM	02058	1 or Pack of 25	Each



Arrester

Description	Code	Buy Unit	Unit of Measure
DIVERTER, SURGE 11KV POLY C/W CAP & LEAD	04517	1 Unit	Each
DIVERTER, SURGE 22KV POLY C/W CAP & LEAD	04518	1 Unit	Each
DIVERTER, SURGE 33KV POLY (POLE TOP) Ess	04539	1 Unit	Each



04518

Shroud

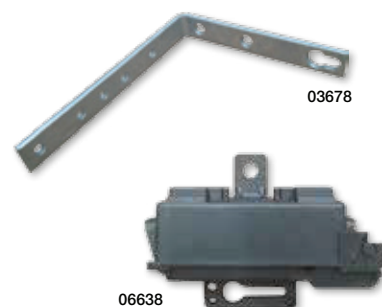
Description	Code	Buy Unit	Unit of Measure
COVER, SHROUD 11KV POLE TX BUSHING	03466	1 or Pack of 5	Each
COVER, SHROUD 22KV POLE TX BUSHING	03574	1 Unit	Each



03574

LV Fuse Switch/ Disconnecter

Description	Code	Buy Unit	Unit of Measure
SWITCH, LV ABC 1PH 160/245AMP LUG TERM	06638	1 Unit	Each
SWITCH, LV ABC 1PH 400AMP LUG TERM Ess	03677	1 Unit	Each
SWITCH, LV ABC 1PH 630AMP LUG TERM Ess	04137	1 Unit	Each
BRACKET, TO SUIT SWITCH LV ABC 160A	03451	1 Unit	Each
BRACKET, TO SUIT SWITCH LV ABC 400A	03678	1 Unit	Each
BRACKET, TO SUIT SWITCH LV ABC 630A	04138	1 Unit	Each



Fuse Cartridge

Description	Code	Buy Unit	Unit of Measure
FUSE, LINK CARTRIDGE 40A 500V DIN 000	04248	1 Unit	Each
FUSE, LINK CARTRIDGE 63A 500V DIN 00	04155	1 Unit	Each
FUSE, LINK CARTRIDGE 80A 500V DIN 00	04156	1 Unit	Each
FUSE, LINK CARTRIDGE 100A 500V DIN 00	03822	1 Unit	Each
FUSE, LINK CARTRIDGE 125A 500V DIN 00	03823	1 Unit	Each
FUSE, LINK CARTRIDGE 160A 500V DIN 00	03824	1 Unit	Each
FUSE, LINK CARTRIDGE 100A 500V DIN 2	04513	1 Unit	Each
FUSE, LINK CARTRIDGE 160A 500V DIN 2	04747	1 Unit	Each
FUSE, LINK CARTRIDGE 200A 500V DIN 2	04252	1 Unit	Each
FUSE, LINK CARTRIDGE 250A 500V DIN 2	04251	1 Unit	Each
FUSE, LINK CARTRIDGE 315A 500V DIN 2	04250	1 Unit	Each
FUSE, LINK CARTRIDGE 400A 500V DIN 2	04767	1 Unit	Each
FUSE, LINK CARTRIDGE 315A 500V DIN 3	04328	1 Unit	Each
FUSE, LINK CARTRIDGE 400A 500V DIN 3	04329	1 Unit	Each
FUSE, LINK CARTRIDGE 500A 500V DIN 3	04330	1 Unit	Each
FUSE, LINK CARTRIDGE 630A 500V DIN 3	06357	1 Unit	Each
LINK, SOLID ABC SWITCH DIN 2 400/630 AMP	00804	1 Unit	Each
LINK, SOLID ABC SWITCH DIN 3 630 AMP	04746	1 Unit	Each



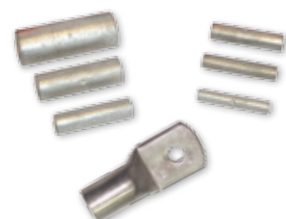
Cable

Description	Code	Buy Unit	Unit of Measure
CABLE, LV 4 CU 1C PVC/PVC BLACK/WHITE	02797	100 mtr	Metre
CABLE, LV 4 CU 1C PVC/PVC RED/WHITE	02744	100 mtr	Metre
CABLE, LV 25 CU 1C XLPE/PVC NAT/BLACK	02869	100 mtr	Metre
CABLE, LV 70 CU 1C XLPE/PVC NAT/BLACK	02142	100 mtr	Metre
CABLE, LV 70 CU 1C BARE	00207	100 mtr	Metre
CABLE, LV 185 CU 1C XLPE/PVC NAT/BLACK	02462	100 mtr	Metre
CONDUCTOR, 7/2.75 (40) AAAC 11KV CCT B	03476	100 mtr	Metre



Lug/Links

Description	Code	Buy Unit	Unit of Measure
LUG, COMPRESSION 4 CU M6 1 HOLE	03869	1 or Pack of 100	Each
LUG, COMPRESSION 25 CU M12 1 HOLE HD	04799	1 Unit	Each
LUG, COMPRESSION 70 CU M12 1 HOLE SEALED	02593	1 Unit	Each
LUG, COMPRESSION 185 CU M12 1 HOLE	02217	1 or Pack of 20	Each
LUG, COMP 40 BI-METAL 1 M12 HOLE	03190	1 Unit	Each
LINK, COMPRESSION 70 CU	00138	1 or Pack of 20	Each



Current Transformers

Description	Code	Buy Unit	Unit of Measure
CURRENT TRANSFORMER, 800/5 Ess	04877	1 Unit	Each
CURRENT TRANSFORMER, 400/5 Ess	03868	1 Unit	Each



MDI

Description	Code	Buy Unit	Unit of Measure
METER, MDI 3 PHASE OUTDOOR 800/5A Ess	04876	1 Unit	Each
METER, MDI 3 PHASE OUTDOOR 400/5A Ess	03867	1 Unit	Each



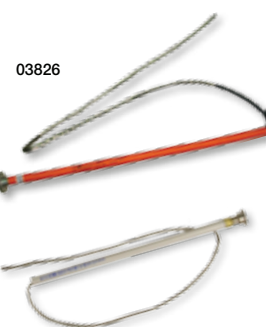
EDO

Description	Code	Buy Unit	Unit of Measure
STIRRUP EARTH CLAMP, SS	03693	1 Unit	Each
DOF ASSEMBLY, 36KV 100A 1PH	02696	1 Unit	Each
DOF ASSEMBLY, 12/24KV 8KA 1PH-CE	03463	1 Unit	Each



Fuses

Description	Code	Buy Unit	Unit of Measure
FUSE, DOF ELEMENT 3A 3/10 DUAL RANGE CE	03826	1 or Pack of 10	Each
FUSE, DOF ELEMENT 5A CLASS K	04398	1 or Pack of 10	Each
FUSE, DOF ELEMENT 8A CLASS K	00731	1 or Pack of 10	Each
FUSE, DOF ELEMENT 10A CLASS K	04244	1 or Pack of 10	Each
FUSE, DOF ELEMENT 10A CLASS T CE	03827	1 or Pack of 10	Each
FUSE, DOF ELEMENT 16A CLASS K	00732	1 or Pack of 10	Each
FUSE, DOF ELEMENT 20A CLASS K	00733	1 or Pack of 10	Each
FUSE, DOF ELEMENT 25A CLASS K	04695	1 or Pack of 10	Each
FUSE, DOF ELEMENT 31.5A CLASS K	04740	1 or Pack of 10	Each



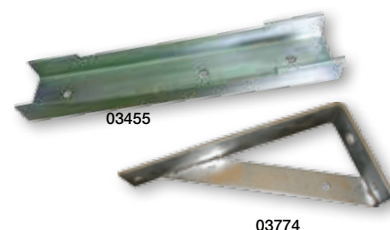
Insulators

Description	Code	Buy Unit	Unit of Measure
INSULATOR, 33KV POLY LONG ROD Ess	03938	1 Unit	Each
INSULATOR, 22KV POLYMER LONG ROD RND PIN	03842	1 Unit	Each
INSULATOR, 33KV PIN TYPE VICE TOP	03465	1 Unit	Each
PIN, INSULATOR C/200/11-50	03479	1 or Pack of 10	Each



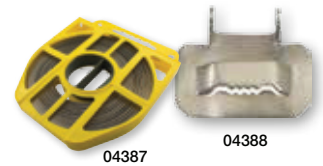
Brackets

Description	Code	Buy Unit	Unit of Measure
BRACKET, SWER EDO MOUNTING CE	03774	1 Unit	Each
BRACKET, TWISTED EDO LINK GALV CE	03464	1 Unit	Each
BRACKET, COMPOSITE X-ARM 100X100	06655	1 Unit	Each
BRACKET, COMPOSITE X-ARM CONC POLE Ess	05199	1 Unit	Each
BRACKET, TRANSFORMER BOLT MOUNT Ess	03455	1 Unit	Each
BRACKET, TX BRIDGING INSULATOR	03484	1 Unit	Each



Banding

Description	Code	Buy Unit	Unit of Measure
BUCKLE, 16MM FOR S/S STRAP/BAND	04388	1 Unit	Each
STRAP/BAND, STAINLESS STEEL 16MM	04387	1 Unit	Roll-30m



Covers/Guard

Description	Code	Buy Unit	Unit of Measure
BATTEN, EARTH PLASTIC	03280	1 or Pack of 25	Each
TAPE, MARKER - ELECTRICAL	00108	1 Unit	Roll-500m
GUARD, POSSUM 1.2M X 460MM AL	03485	1 Unit	Each
COVER GUARD, POLE PLASTIC BLACK 1550X230	02713	1 or Pack of 40	LGTH 1.55M



Pole Steps

Description	Code	Buy Unit	Unit of Measure
POLE, STEP WOOD GALV STEEL DRIVE-IN	00737	1 or Pack of 30	Each
POLE, STEP WOOD GALV STEEL SCREW-IN	05988	1 or Pack of 30	Each



Clamps/Connectors

Description	Code	Buy Unit	Unit of Measure
CLAMP, DROPPER CABLE SUPPORT SML Ess	04797	1 Unit	Each
CLAMP, DROPPER CABLE SUPPORT LGE Ess	04798	1 Unit	Each
CLAMP, LIVE LINE SPINDLE M12	03482	1 Unit	Each
CLAMP, LIVE LINE STIRRUP CU	03481	1 Unit	Each
CLAMP, BAIL AL 7/2.25-19/3.75 2 BOLT S/S	03753	1 Unit	Each
CLAMP, PG 7/1.75-7/4.50 2B IF SS TINNED	03746	1 Unit	Each
CLAMP, PG 7/2.50-19/3.75 2B IF SS TINNED	03694	1 Unit	Each
CLAMP, PG 6-70MM 2B SS TINNED	05165	1 Unit	Each
CONNECTOR, SPLIT BOLT B24 35 TINNED	03253	1 or Pack of 50	Each
CONNECTOR, SPLIT BOLT B26 95 TINNED	03255	1 or Pack of 60	Each
D LOOP, PREFORMED 6MM DIA SC/GZ	05771	1 Unit	Each



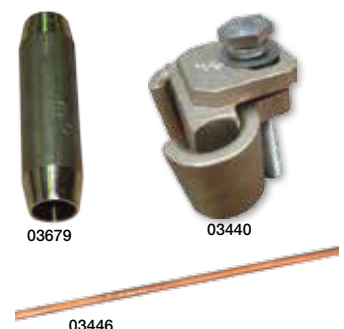
Cable Saddles

Description	Code	Buy Unit	Unit of Measure
SADDLE, 16MM GALV STEEL	00259	1 or Pack of 100	Each
SADDLE, 25MM GALV STEEL	00519	1 or Pack of 100	Each



Earthing Equipment

Description	Code	Buy Unit	Unit of Measure
CONNECTOR SHEAR-LOK ROD 13 CABLE 70	03440	1 or Pack of 200	Each
COUPLER, 13MM EARTH ROD SS POINTED	03453	1 Unit	Each
ROD, EARTH SS SOLID 13MM 1.22M POINTED	03452	1 Unit	Each
ROD, EARTH CU BONDED 13MM 1.2MM POINTED	03446	1 Unit	Each
COUPLER, 13MM EACH ROD CU POINTED	03679	1 Unit	Each
COMPOUND, EARTH 15KG - GOOD EARTH	08188	Bag - 15kg	Each



Conduit

Description	Code	Buy Unit	Unit of Measure
CONDUIT, TERMINATOR 20MM 90 DEGREE	03488	1 or Pack of 20	Each
CONDUIT, 20MM 30M ROLL PVC FLEXIBLE GREY	00518	1 or Pack of 30	Metre



Bolts - Galvanised

Description	Code	Buy Unit	Unit of Measure
BOLT, HD M16 X 50MM GAL	05442	1 or Pack of 100	Each
BOLT, HD M16 X 400MM GAL	00570	1 or Pack of 25	Each
BOLT, HD M20 X 160MM GAL	02806	1 or Pack of 25	Each
BOLT, HD M20 X 350MM GAL	00387	1 or Pack of 15	Each
BOLT, HD M20 X 450MM GAL	00411	1 or Pack of 10	Each
BOLT, HD M20 X 500MM GAL	00419	1 or Pack of 10	Each



Coachscrews - Galvanised

Description	Code	Buy Unit	Unit of Measure
SCREW, COACH M10 75MM	02219	1 or Pack of 100	Each
SCREW, COACH M12 100MM	00389	1 or Pack of 25	Each
SCREW, COACH M16 130MM	02897	1 or Pack of 25	Each
SCREW, COACH M20 130MM	04958	1 or Pack of 30	Each



Washers/Nuts - Galvanised

Description	Code	Buy Unit	Unit of Measure
WASHER, M16, ROUND, GAL	00498	1 or Pack of 200	Each
WASHER, M16, ROUND, GAL 50 X 4MM	03263	1 or Pack of 100	Each
WASHER, M16, SPRING, GAL	03268	1 or Box of 200	Each
WASHER, M20, ROUND, GAL 60 X 4MM	03264	1 or Pack of 100	Each
WASHER, M20, ROUND, GAL	00727	1 or Box of 150	Each
WASHER, M20, SPRING, GAL	03269	1 or Box of 100	Each
NUT, M16, HEX, GAL	02561	1 or Box of 50	Each
NUT, M20, HEX, GAL	00429	1 or Box of 50	Each



Set Screws Stainless Steel & TEK

Description	Code	Buy Unit	Unit of Measure
SETSCREW, HEX HD M12 X 30 SS	02894	1 or Pack of 100	Each
SETSCREW, HEX HD M12 X 40 SS	00017	1 or Pack of 50	Each
SETSCREW, HEX HD M12 X 50 SS	00018	1 or Pack of 50	Each
TEK SCREW, HEX 12G X 40MM TYPE 17 CL 3	03633	1 or Pack of 100	Each



Washers/Nuts - Stainless Steel

Description	Code	Buy Unit	Unit of Measure
WASHER, M10, ROUND, SS	00357	1 or Pack of 100	Each
WASHER, M10, SPRING, SS	00750	1 or Box of 100	Each
WASHER, M12, ROUND, SS	00020	1 or Pack of 100	Each
WASHER, M12, SPRING, SS	00751	1 or Pack of 100	Each
WASHER, M16, ROUND, SS	03111	1 or Box of 100	Each
WASHER, M16, SPRING, SS	03112	1 or Pack of 100	Each
WASHER, M20, ROUND, SS	02649	1 or Pack of 50	Each
WASHER, M20, SPRING, SS	03271	1 or Pack of 100	Each
NUT, M10, HEX SS	00358	1 or Box of 100	Each
NUT, M12, HEX, SS	00019	1 or Box of 100	Each
NUT, M16, HEX SS	03113	1 or Box of 100	Each
NUT, M20, HEX, SS	00753	1 or Pack of 50	Each
COIL SPRING M12-M16 STAIN STEEL	00404	1 or Pack of 100	Each
COIL SPRING M20-M24 STAIN STEEL	00403	1 or Pack of 100	Each



Tapes

Description	ARS Code	Buy Unit	Unit of Measure
TAPE, PVC ELECTRICAL BLACK	00263	1 or Pack of 10	Roll
TAPE, PVC ELECTRICAL RED	02128	1 or Pack of 10	Roll
TAPE, PVC ELECTRICAL WHITE	02130	1 or Pack of 10	Roll
TAPE, PVC ELECTRICAL BLUE	02129	1 or Pack of 10	Roll
TAPE, PVC ELECTRICAL GREEN/YELLOW	02347	1 or Pack of 10	Roll
TAPE, PVC ELECTRICAL RAINBOW PACK	03582	1 Pack	Pack
TAPE, DUCT 48MM X 30M X 130UM SILVER	03349	1 or Box of 60	Roll



NOTE: All Round Supplies stock a large variety of Pole Mounted Transformer materials to suit Ausgrid, Endeavour Energy, PWC and private networks. Call your nearest branch for more information.

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

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



**All Round
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