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ENAMELLED COPPER WIRES



GAUGE JIS/FUJIKURA JIS/TAIHAN JIS

Polyester Imide-Polyamide Imide (EI/AI) Coated

Enamelled Copper Wire, Class H 200°C JIS C3053



No.	Stock Code	SWG	MM	Packing	Price/Kg (RM)
1	SGJAEI2000	14	2.00	PT25	TBC
2	SGJAEI1900	14 ½	1.90	PT25	TBC
3	SGJAEI1800	15	1.80	PT25	TBC
4	SAIEI1700 SGJAEI1700	15 ½	1.70	PT25	TBC
5	SAIEI1600 SGJAEI1600	16	1.60	PT25	TBC
6	SAIEI1500 SGJAEI1500	16 ½	1.50	PT25	TBC
7	SAIEI1450 SGJAEI1450	16 ½	1.45	PT25	TBC
8	SAIEI1400 SGJAEI1400	17	1.40	PT25	TBC
9	SAIEI1300 SGJAEI1300	17 ½	1.30	PT25	TBC
10	SAIEI1250 SGJAEI1250	18	1.25	PT25	TBC
11	SAIEI1200 SGJAEI1200	18	1.20	PT25	TBC
12	SAIEI1150 SGJAEI1150	18 ½	1.15	PT25	TBC
13	SAIEI1100 SGJAEI1100	18 ½	1.10	PT25	TBC
14	SAIEI1050 SGJAEI1050	19	1.05	PT25	TBC
15	SAIEI1000 SGJAEI1000	19	1.00	PT25	TBC
16	SAIEI0950 SGJAEI0950	19 ½	0.95	PT25	TBC
17	SAIEI0900 SGJAEI0900	20	0.90	PT25	TBC
18	SAIEI0850 SGJAEI0850	20 ½	0.85	PT25	TBC
19	SAIEI0800 SGJAEI0800	21	0.80	PT25	TBC
20	SAIEI0750 SGJAEI0750	21 ½	0.75	PT25	TBC
21	SAIEI0700 SGJAEI0700	22	0.70	PT25	TBC
22	SAIEI0670	22 ½	0.67	PT25	TBC
23	SAIEI0650 SGJAEI0650	22 ½	0.65	PT25	TBC
24	SAIEI0600 SGJAEI0600	23	0.60	PT25	TBC
25	SAIEI0550 SGJAEI0550	24	0.55	PT25	TBC
26	SAIEI0500 SGJAEI0500	25	0.50	PT25	TBC
27	SAIEI0450	26	0.45	PT25	TBC
28	SAIEI0400	27	0.40	PT25	TBC
29	SAIEI0370	28	0.37	PT25	TBC
30	SAIEI0350	29	0.35	PT25	TBC
31	SAIEI0320	30	0.32	PT25	TBC
32	SAIEI0300	30 ½	0.30	PT25	TBC
33	SAIEI0290	31	0.29	PT25	TBC
34	SAIEI0270	32	0.27	PT25	TBC
35	SAIEI0250	33	0.25	PT25	TBC
36	SAIEI0230	34	0.23	PT25	TBC
37	SAIEI0210	35	0.21	PT25	TBC
38	SAIEI0200	35 ½	0.20	PT25	TBC
39	SAIEI0190	36	0.19	PT25	TBC
40	SAIEI0170	37	0.17	PT25	TBC
41	SAIEI0150	38	0.15	PT25	TBC

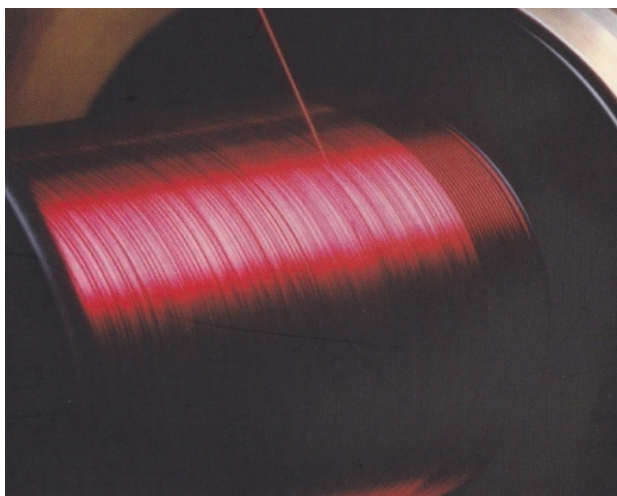
* This type of enamelled wire exhibits good solvent & abrasion resistance as well as high tolerance of overload.

* Applications: HVT coil for transformer, motor for automobile, electric devices, transformers, motors used in Freon gas.

* Disclaimer: GAUGE JIS is a brand owned by Kin Copper Electric, manufactured on OEM basis by readily established magnet wire manufacturer according to requirements as stipulated in the JIS Standard.



ENAMELLED COPPER WIRES



PRODUCT CHARACTERISTICS

The GAUGE 200 wire is coated with a dual film of insulation. The underlying film is composed primarily of a synthetic resin based on THEIC-Polyester or Modified Polyester which is heat resistant and the superimposed film is composed primarily of Polyamide-imide which is abrasion resistant.

The insulating film of the wire is made by baking insulating varnish on the conductor uniformly. The film is harmless to the conductor and also have sufficient durability.

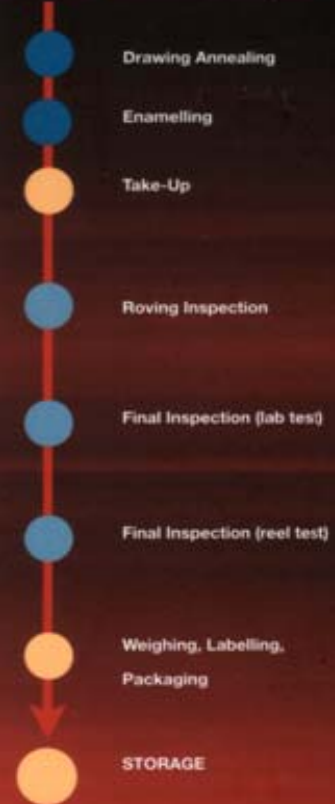
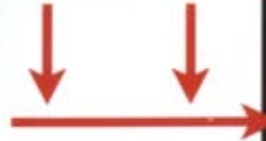
Other characteristics of the GAUGE 200 wire are as shown below:

STANDARDS	IEC 60317-13 NEMA MW 73-C, MW 35-C JIS C3053
Symbol	EIAIW
Insulation Coating	Polyesterimide with Polyamide-Imide Overcoat
Mechanical Properties*	*properties stated are for sample at size 1.00mm
Elongation	>25%
Adherence - Flexibility	Film free from cracks such as expose the conductor
Resistance to Abrasion	>7.0N
Electrical Properties	
Braskdown Voltage	10KV
Thermal Properties	
Temperature Index	200°C
Cut Through	Min 300°C
Heat Shock	Film free from cracks such as to expose the conductor
Chemical Propertie	
Solvent Test	Film free from blister and peeling off by 2H pencil lead or finger nail
Resistance to Refrigerants	HFC134 - 404 - 407 FREON R12 R22 R134-a

KIN COPPER ELECTRIC

Varnish
Incoming
Inspection

**Copper
Incoming
Inspection**



The standard packing of GALGE 200 wire is in Cylindrical Spools according to the DIN 46399 and IEC 264-2 Standards.



TYPE OF REEL	WIRE RANGE (mm)	AVERAGE CONTENT (kg)	DIMENSIONS (mm)				
			Flange (D1)	Barrel (D2)	Bore (D3)	Width (L1)	Traverse (L2)
200	0.16-0.56	11	200	125	22	200	160
250	0.63-1.90	20	250	160	22	200	160
305	2.00-5.00	40	305	224	36	200	160
500	2.00-5.00	100	500	315	36	250	180

ENAMELLED COPPER WIRES

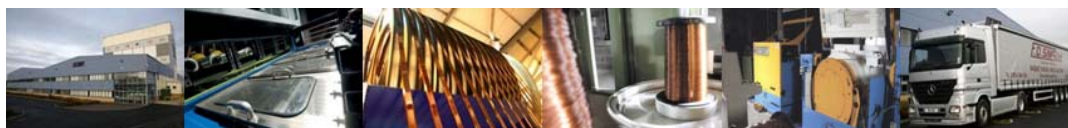

GAUGE IEC / SAM DONG (KOREA)
Sam Dong

THEIC Polyester-Polyamide Imide (EI/AI) Coated Enamelled Copper Wire

Class H 200°C IEC 60317-13, NEMA MW 73-C, MW 35-C

No.	Stock Code	SWG	MM	Packing	Price/Kg (RM)
1	SGAIEI4000	8	4.00	D355	TBC
2	SGAIEI3750	8 ½	3.75	D355	TBC
3	SGAIEI3650	8 ½	3.65	D355	TBC
4	SGAIEI3550	9	3.55	D355	TBC
5	SGAIEI3350	9 ½	3.35	D355	TBC
6	SGAIEI3250	9 ½	3.25	D355	TBC
7	SGAIEI3150	10	3.15	D355	TBC
8	SGAIEI3000	10 ½	3.00	D355	TBC
9	SGAIEI2900	11	2.90	D355	TBC
10	SGAIEI2800	11 ½	2.80	D355	TBC
11	SGAIEI2650	12	2.65	D355	TBC
12	SGAIEI2500	12 ½	2.50	D355	TBC
13	SGAIEI2360	13	2.36	D355	TBC
14	SGAIEI2120	13 ½	2.12	D355	TBC
15	SGAIEI2000	14	2.00	D250	TBC
16	SGAIEI1900	14 ½	1.90	D250	TBC
17	SGAIEI1800	15	1.80	D250	TBC
18	SGAIEI1700	15 ½	1.70	D250	TBC
19	SGAIEI1600	16	1.60	D250	TBC
20	SGAIEI1500	16 ½	1.50	D250	TBC
21	SGAIEI1450	16 ½	1.45	D250	TBC
22	SGAIEI1400	17	1.40	D250	TBC
23	SGAIEI1320	17 ½	1.32	D250	TBC
24	SGAIEI1300	17 ½	1.30	D250	TBC
25	SGAIEI1250	18	1.25	D250	TBC
26	SGAIEI1200	18	1.20	D250	TBC
27	SGAIEI1180	18 ½	1.18	D250	TBC
28	SGAIEI1120	18 ½	1.12	D250	TBC
29	SGAIEI1100	18 ½	1.10	D250	TBC
30	SGAIEI1060	19	1.06	D250	TBC
31	SGAIEI1050	19	1.05	D250	TBC
32	SGAIEI1000	19	1.00	D250	TBC
33	SGAIEI0950	19 ½	0.95	D250	TBC
34	SGAIEI0900	20	0.90	D250	TBC
35	SGAIEI0850	20 ½	0.85	D250	TBC
36	SGAIEI0800	21	0.80	D250	TBC
37	SGAIEI0750	21 ½	0.75	D250	TBC
38	SGAIEI0710	22	0.71	D250	TBC
39	SGAIEI0700	22	0.70	D250	TBC
40	SGAIEI0670	22 ½	0.67	D250	TBC
41	SGAIEI0650	22 ½	0.65	D250	TBC
42	SGAIEI0630	22 ½	0.63	D250	TBC
43	SGAIEI0600	23	0.60	D250	TBC
44	SGAIEI0560	24	0.56	D200	TBC
45	SGAIEI0550	24	0.55	D200	TBC
46	SGAIEI0500	25	0.50	D200	TBC

- * This type of enamelled wire exhibits good solvent & abrasion resistance as well as high tolerance of overload.
- * Applications: HVT coil for transformer, motor for automobile, electric devices, transformers, motors used in Freon gas.
- * Disclaimer: GAUGE IEC is a brand owned by Kin Copper Electric, manufactured on OEM basis by readily established magnet wire manufacturer according to requirements as stipulated in the IEC Standard.



ENAMELLED RECTANGULAR COPPER WIRES



TAIHAN TCT / SAM DONG (KOREA)

Polyester Imide Polyamide Imide Coated

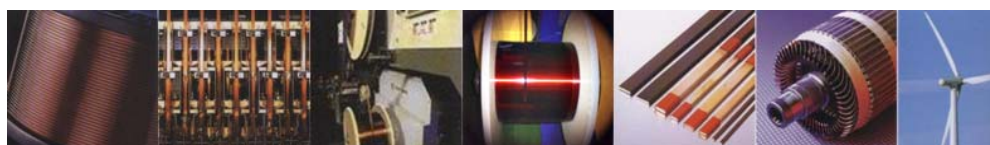
Enamelled Rectangular Copper Wire Class H 200°C

Sam Dong

No.	Stock Code	Sizes	Packing	Price/Kg (RM)
1	INV150050	1.50MM X 5.00MM	D355	TBC
2	INV160100	1.60MM X 10.00MM	D355	TBC
3	INV200040	2.00MM X 4.00MM	D355	TBC
4	INV200041	2.00MM X 4.10MM	D355	TBC
5	INV200060	2.00MM X 6.00MM	D355	TBC
6	INV220050	2.20MM X 5.00MM	D355	TBC
7	INV240050	2.40MM X 5.00MM	D355	TBC
8	INV250040	2.50MM X 4.00MM	D355	TBC
9	INV250050	2.50MM X 5.00MM	D355	TBC
10	INV250056	2.50MM X 5.60MM	D355	TBC
11	INV270050	2.70MM X 5.00MM	D355	TBC
12	INV280050	2.80MM X 5.00MM	D355	TBC
13	INV300050	3.00MM X 5.00MM	D355	TBC
14	INV300060	3.00MM X 6.00MM	D355	TBC
15	INV300070	3.00MM X 7.00MM	D355	TBC
16	INV300080	3.00MM X 8.00MM	D355	TBC
17	INV300090	3.00MM X 9.00MM	D355	TBC
18	INV300100	3.00MM X 10.00MM	D355	TBC
19	INV315050	3.15MM X 5.00MM	D355	TBC
20	INV315056	3.15MM X 5.60MM	D355	TBC
21	INV315063	3.15MM X 6.30MM	D355	TBC
22	INV320060	3.20MM X 6.00MM	D355	TBC
23	INV320080	3.20MM X 8.00MM	D355	TBC
24	INV320100	3.20MM X 10.00MM	D355	TBC
25	INV320120	3.20MM X 12.00MM	D355	TBC
26	INV335063	3.35MM X 6.30MM	D355	TBC
27	INV350080	3.50MM X 8.00MM	D355	TBC
28	INV355063	3.55MM X 6.30MM	D355	TBC
29	INV400025	4.00MM X 2.50MM	D355	TBC
30	INV400060	4.00MM X 6.00MM	D355	TBC
31	INV400070	4.00MM X 7.00MM	D355	TBC
32	INV400080	4.00MM X 8.00MM	D355	TBC
33	INV400100	4.00MM X 10.00MM	D355	TBC
34	INV400110	4.00MM X 11.00MM	D355	TBC
35	INV400120	4.00MM X 12.00MM	D355	TBC
36	INV400140	4.00MM X 14.00MM	D355	TBC
37	INV400160	4.00MM X 16.00MM	D355	TBC

* This type of enamelled wire exhibits good solvent & abrasion resistance as well as high tolerance of overload.

* Applications: HVT coil for transformer, motor for automobile, electric devices, transformers, motors used in Freon gas.



ENAMELLED ALUMINIUM WIRES


GAUGE
GAUGE/JINGXUN ENAMELLED ALUMINIUM WIRES

 Polyester Imide Polyamide Imide (EI/AIWCA) Coated Enamelled
 Aluminium Wire Class H


嘉达股份

No.	Stock Code	SWG	MM	Packing	Price/Kg (RM)
1	SALG4500	7	4.50	PT60	TBC
2	SALG4000	8	4.00	PT60	TBC
3	SALG3600	8 ½	3.60	PT60	TBC
4	SALG3500	9	3.50	PT60	TBC
5	SALG3200	10	3.20	PT60	TBC
6	SALG3000	10 ½	3.00	PT60	TBC
7	SALG2800	11 ½	2.80	PT60	TBC
8	SALG2600	12	2.60	PT60	TBC
9	SALG2500	12 ½	2.50	PT60	TBC
10	SALG2300	13	2.30	PT60	TBC
11	SALG2100	13 ½	2.10	PT60	TBC
12	SALG2000	14	2.00	PT25	TBC
13	SALG1900	14 ½	1.90	PT25	TBC
14	SALG1800	15	1.80	PT25	TBC
15	SALG1750	15 ½	1.75	PT25	TBC
16	SALG1700	15 ½	1.70	PT25	TBC
17	SALG1600	16	1.60	PT25	TBC
18	SALG1500	16 ½	1.50	PT25	TBC
19	SALG1400	17	1.40	PT25	TBC
20	SALG1300	17 ½	1.30	PT25	TBC
21	SALG1250	18	1.25	PT25	TBC
22	SALG1200	18	1.20	PT25	TBC
23	SALG1100	18 ½	1.10	PT25	TBC
24	SALG1000	19	1.00	PT25	TBC
25	SALG0950	19 ½	0.95	PT25	TBC
26	SALG0900	20	0.90	PT25	TBC
27	SALG0850	20 ½	0.85	PT25	TBC
28	SALG0800	21	0.80	PT25	TBC
29	SALG0750	21 ½	0.75	PT25	TBC
30	SALG0700	22	0.70	PT25	TBC
31	SALG0650	22 ½	0.65	PT25	TBC
32	SALG0600	23	0.60	PT25	TBC
33	SALG0550	24	0.55	PT25	TBC
34	SALG0500	25	0.50	PT25	TBC

- * Aluminium wire is a cost effective substitute to copper wire with Aluminium to Copper conductivity ratio of 61:100 while the Aluminium: Copper weight ratio is only 3 : 10.
- * This type of enamelled wire exhibits good heat shock & heat resistance.
- * Applications: High speed motors & generators, dry transformer & solenoid coil, electro motors.
- * Disclaimer: GAUGE EI/AIWCA is a brand owned by Kin Copper Electric, manufactured on OEM basis by readily established magnet wire manufacturer.

COPPER STRIPS / TAPES



PM COPPER / LUVATA COPPER STRIPS

Soft Rectangular Copper Strips/Tape as per
BS EN 13601:2002 (Supersedes BS 1432:1987)



No.	Stock Code	Size (mm)	Packing (kg/reel)	Price/Kg (RM)
1	MET01601900	1.60MM X 19.00MM ($\frac{1}{16}$ " X $\frac{3}{4}$ ")	± 60KGS	TBC
2	MET01602500	1.60MM X 25.00MM ($\frac{1}{16}$ " X 1")	± 60KGS	TBC
3	MET03002500	3.00MM X 25.00MM ($\frac{1}{8}$ " X 1")	± 60KGS	TBC
4	MET05004000	5.00MM X 40.00MM ($\frac{3}{16}$ " X 1½")	± 60KGS	TBC
5	MET05005000	5.00MM X 50.00MM ($\frac{3}{16}$ " X 2")	± 60KGS	TBC
6	MET06002500	6.00MM X 25.00MM ($\frac{1}{4}$ " X 1")	± 60KGS	TBC
7	MET06005000	6.00MM X 50.00MM ($\frac{1}{4}$ " X 2")	± 60KGS	TBC

* Copper Strips or Tape is a highly conductive material, mainly used as part of a lightning safety device in earthing electrical charges from lightning.

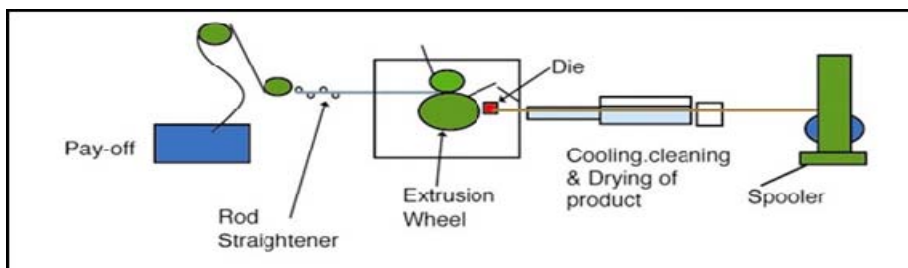
* Disclaimer: GAUGE Copper Strips is a brand owned by Kin Copper Electric, manufactured on OEM basis by readily established magnet wire manufacturer according to requirements as stipulated in BS EN 13601:2002 Standard.



COMMON SIZES INFORMATION CHART

Description	Sizes (Different Combinations of Thickness and Width)						
Nominal Thickness (mm)	1.6	1.6	1.6	3.0	4.0	6.0	6.0
Nominal Width (mm)	13.0	19.0	25.0	25.0	50.0	25.0	50.0
Thickness Tolerance (mm)	0.03	0.03	0.03	0.03	0.05	0.05	0.05
Width Tolerance (mm)	0.10	0.10	0.10	0.10	0.14	0.10	0.14
Corner radius (mm)	0.5	0.5	0.5	0.8	1.0	1.0	1.0
Nominal area (mm ²)	20.80	30.40	40.00	75.00	200.00	150.00	300.00
Minimum area (mm ²)	20.25	29.67	39.09	73.95	196.95	148.16	296.67
Maximum area (mm ²)	21.35	31.13	40.91	76.05	203.07	151.86	303.35
Nominal Weight / Meter	0.18	0.27	0.36	0.66	1.78	1.33	2.67
Minimum Weight / Meter	0.18	0.26	0.35	0.66	1.75	1.32	2.64
Maximum Weight / Meter	0.19	0.28	0.36	0.67	1.81	1.35	2.70
Nominal Length / 1 Kg	5.44	3.71	2.81	1.50	0.56	0.75	0.37
Minimum Length / 1 Kg	5.59	3.80	2.88	1.53	0.57	0.76	0.38
Maximum Length / 1 Kg	5.30	3.62	2.75	1.48	0.55	0.74	0.37

COPPER STRIP MANUFACTURING PROCESS ("CONFORM PROCESS")



- * When frictional energy is applied to a ductile metal like copper, its temperature increases to form a plastic mass which can be continuously extruded out of die into the desired shape.
- * Soft copper rod is fed to a rotating wheel and shoes assembly housing the extrusion die.
- * The extreme pressures created with this arrangement leads to rise in temperature of the mass of copper in the die chamber to the plastic working range.
- * This leads to continuous hot extrusion of a copper shape according to the die geometry.
- * The emerging hot copper shape is then quenched, dried and spooled.

LUVATA COPPER PRODUCTS

Luvata's Copper Products

Luvata Malaysia produces oxygen-free copper bars, rods, strips, earthing tape, soft tape, profiles and Sunwire™ strip for photovoltaic applications. We also produce high quality copper anodes, which are available in phosphorous or oxygen-free copper.

Size ranges

Busbars	From 10mm x 2mm to 200mm x 10mm
Rods	From 8mm to 38.1mm diameter
Anodes	Balls 25mm and 28mm, slugs 25 x 25mm and 25 x 30-40mm, minislugs 8 x 15mm and 14 x 20mm
Earthing tape / Soft tape	From 25mm x mm to 63mm x 10mm
Extruded bars	From 10mm x 2mm to 200mm x 10mm
Profiles	As per customer's specifications
Sunwire™	Thickness 0.080-0.500mm (tolerance +/-0.010), width 1.000-6.000mm (tolerance +/-0.080)

Further sizes and dimensions available from other Luvata facilities.

The main industry applications for our products include:

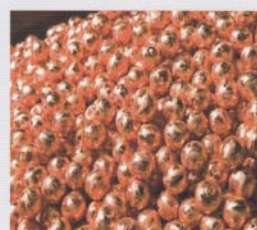
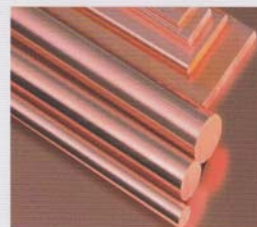
- Power generation
- Power distribution systems
- Distribution fuse links
- Busbar trunking and busducts
- Overground electrical distribution boxes
- Feeder pillar boxes
- Distribution transformers
- Automatic transfer switches
- Air circuit breakers
- Earthing, lightning protection and grounding
- Electronic cooling
- Printed circuit boards
- Photovoltaic energy

Luvata's oxygen-free OF-OK™ copper

Luvata's oxygen-free OF-OK™ copper is extremely pure and has high electrical and thermal conductivity, toughness, workability and a high surface quality.

The purity of OF-OK™ gives it high electrical conductivity and immunity to hydrogen embrittlement. It can also be flow-formed better than any other copper grade. High purity and homogeneity ensure consistency from the first to the last piece, reducing setting time and machine down time.

Our efficient production process ensures a quick turnaround and reliable delivery, and we can provide a number of flexible packaging options.



COPPER BUS BAR

KIN COPPER ELECTRIC

LUVATA

JIS H3140, C1100BB, BD – 1/2H (6M P/LTH)

Slightly Round Edge Copper Bus Bar, 90° Bendable



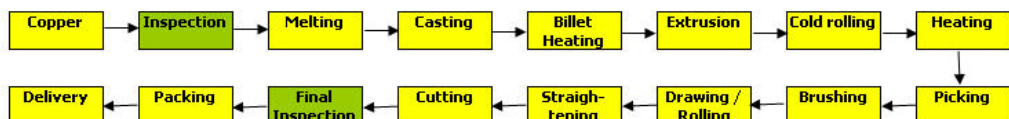
No.	Stock Code	Size (mm)	Size (mm ²)	KGS Per/Lth	Amp	Amp Max	Price/Kg (RM)
1	SBB06020	6 x 20	120	6.48	186.00	210.00	TBC
2	SBB06025	6 x 25	150	8.10	232.50	262.50	TBC
3	SBB06030	6 x 30	180	9.72	279.00	315.00	TBC
4	SBB06032	6 x 32	192	10.36	297.60	336.00	TBC
5	SBB06038	6 x 38	228	12.31	353.40	399.00	TBC
6	SBB06040	6 x 40	240	12.96	372.00	420.00	TBC
7	SBB06045	6 x 45	270	14.58	418.50	472.50	TBC
8	SBB06050	6 x 50	300	16.20	465.00	525.00	TBC
9	SBB06060	6 x 60	360	19.44	558.00	630.00	TBC
10	SBB06065	6 x 65	390	21.06	604.50	682.50	TBC
11	SBB06075	6 x 75	450	24.30	697.50	787.50	TBC
12	SBB06080	6 x 80	480	25.92	744.00	840.00	TBC
13	SBB06100	6 x 100	600	32.40	930.00	1,050.00	TBC
14	SBB06125	6 x 125	750	40.50	1,162.50	1,312.50	TBC
15	SBB06150	6 x 150	900	48.60	1,395.00	1,575.00	TBC
16	SBB08050	8 x 50	400	21.60	620.00	700.00	TBC
17	SBB08100	8 x 100	800	43.20	1,240.00	1,400.00	TBC
18	SBB10025	10 x 25	250	13.50	387.50	437.50	TBC
19	SBB10030	10 x 30	300	16.20	465.00	525.00	TBC
20	SBB10040	10 x 40	400	21.60	620.00	700.00	TBC
21	SBB10045	10 x 45	450	24.30	697.50	787.50	TBC
22	SBB10050	10 x 50	500	27.00	775.00	875.00	TBC
23	SBB10055	10 x 55	550	29.70	852.50	962.50	TBC
24	SBB10060	10 x 60	600	32.40	930.00	1,050.00	TBC
25	SBB10065	10 x 65	650	35.10	1,007.50	1,137.50	TBC
26	SBB10075	10 x 75	750	40.50	1,162.50	1,312.50	TBC
27	SBB10080	10 x 80	800	43.20	1,240.00	1,400.00	TBC
28	SBB10085	10 x 85	850	45.90	1,317.50	1,487.50	TBC
29	SBB10100	10 x 100	1000	54.00	1,550.00	1,750.00	TBC
30	SBB10110	10 x 110	1100	59.40	1,705.00	1,925.00	TBC
31	SBB10120	10 x 120	1200	64.80	1,860.00	2,100.00	TBC
32	SBB10125	10 x 125	1250	67.50	1,937.50	2,187.50	TBC
33	SBB10130	10 x 130	1300	70.20	2,015.00	2,275.00	TBC
34	SBB10150	10 x 150	1500	81.00	2,325.00	2,625.00	TBC

* Copper bus bars are manufactured by rolling, boasting consistency, ductility and fine surface sheen.

* Copper bus bar are in use for the rotor coil of nuclear turbine generators and rotor machines, and are essential materials for electric distribution panel and switch bars.



Manufacturing Process



COPPER BUS BAR

LUVATA

JIS H3140, C1100BB, BD – 1/2H (6M P/LTH)

Slightly Round Edge Copper Bus Bar, 90° Bendable

LUVATA
Partnerships beyond metals

No.	Stock Code	Size (mm)	Size (mm ²)	KGS P/Lth	Amp	Amp Max	Price / kg (RM)
1	SBB03025	3 x 25 **	75	4.05	116.25	131.25	TBC
2	SBB05015	5 x 15 **	75	4.05	116.25	131.25	TBC
3	SBB05020	5 x 20 **	100	5.40	155.00	175.00	TBC
4	SBB05025	5 x 25 **	125	6.75	193.75	218.75	TBC
5	SBB05030	5 x 30 **	150	8.10	232.50	262.50	TBC
6	SBB05040	5 x 40 **	200	10.80	310.00	350.00	TBC
7	SBB05050	5 x 50 **	250	13.50	387.50	437.50	TBC
8	SBB12045	12 x 45 **	540	29.16	837.00	945.00	TBC
9	SBB12050	12 x 50 **	600	32.40	930.00	1,050.00	TBC
10	SBB12055	12 x 55 **	660	35.64	1,023.00	1,155.00	TBC
11	SBB12060	12 x 60 **	720	38.88	1,116.00	1,260.00	TBC
12	SBB12075	12 x 75 **	900	48.60	1,395.00	1,575.00	TBC

Remarks : ** Special Sizes requirement Min. Order 500Kgs/Size

- * Copper bus bars are manufactured by rolling, boasting consistency, ductility and fine surface sheen.
- * Copper bus bar are in use for the rotor coil of nuclear turbine generators and rotor machines, and are essential materials for electric distribution panel and switch bars.



Billet Heater

Billet Extrusion

OFHC Extruding Machine

Cold Rolling

Brushing & Rolling



Cutting

Acid dip & Water dip

Heating Furnace

Drawing & Rolling

Packing & Storage

NYVIN WIRES



KURABE / NISSEI NYVIN WIRES (Made In JAPAN)
Silicone Rubber Insulated Wire with Outer Fibre Glass Braiding



No.	Stock Code	Description	Size (mm ²)	Amps (A)	Price/100 M (RM)
1	NW00050	0.50MM NYVIN WIRE (KURABE)	0.50	11.5	255.00
2	NW00075	0.75MM NYVIN WIRE (KURABE)	0.75	11.5	305.00
3	NW00100	1.00MM NYVIN WIRE (KURABE)	1.00	15.0	468.00
4	NW00100B	1.00MM NYVIN WIRE (KURABE)(BLUE)	1.00	15.0	TBC
5	NW00100R	1.00MM NYVIN WIRE (KURABE)(RED)	1.00	15.0	TBC
6	NW00125	1.25MM NYVIN WIRE (KURABE)	1.25	17.5	450.00
7	NW00150	1.50MM NYVIN WIRE (KURABE)	1.50	17.5	575.00
8	NW00200	2.00MM NYVIN WIRE (KURABE)	2.00	25.0	600.00
9	NW00250	2.50MM NYVIN WIRE (KURABE)	2.50	25.0	820.00
10	NW00300	3.00MM NYVIN WIRE (KURABE)	3.00	30.0	1060.00
11	NW00350	3.50MM NYVIN WIRE (KURABE)	3.50	35.0	1230.00
12	NW00550	5.50MM NYVIN WIRE (KURABE)	5.50	50.0	1889.50
13	NW00800	8.00MM NYVIN WIRE (KURABE)	8.00	62.0	2530.00
14	NW01000	10.00MM NYVIN WIRE (KURABE)	10.00	68.0	3980.50
15	NW01200	12.00MM NYVIN WIRE (KURABE)	12.00	72.0	4200.00
16	NW01600	16.00MM NYVIN WIRE (KURABE)	16.00	95.0	5200.00
17	NW02200	22.00MM NYVIN WIRE (KURABE)	22.00	130.0	7475.00
18	NW03000	30.00MM NYVIN WIRE (KURABE)	30.00	160.0	9500.00
19	NW03800	38.00MM NYVIN WIRE (KURABE)	38.00	195.0	11500.00
20	NW05000	50.00MM NYVIN WIRE (KURABE)	50.00	210.0	14300.00
21	NW06000	60.00MM NYVIN WIRE (KURABE)	60.00	220.0	16500.00
22	NW07000	70.00MM NYVIN WIRE (KURABE)	70.00	230.0	18300.00
23	NW08000	80.00MM NYVIN WIRE (KURABE)	80.00	260.0	22500.00
24	NW10000	100.00MM NYVIN WIRE (KURABE)	100.00	300.0	28500.00
25	NW12500	125.00MM NYVIN WIRE (KURABE)	125.00	425.0	37000.00
26	NW15000	150.00MM NYVIN WIRE (KURABE)	150.00	500.0	TBC



- * Silicone Fibre Glass braided wire is an excellent material in terms of heat resistance, cold resistance and flexibility.
- * These glass-woven silicone rubber insulated electrical wires are represented by LKGB of JIS. Their voltage rating ranges 600V, 1500V, 3300V to 6600V. Size range from 0.75mm² to 250mm² which approved by UL and CSA.
- * Applications: These wires are use in automotive parts for heat resistance (up to 180°C) and cold resistance (-60°C). These are also available for use in the lead wiring of heavy electrical equipment, dry-type transformers, and other industrial equipment (vehicles and ships).

ECOFLEX

ECOFLEX NYVIN WIRE (China)

Silicone Rubber Insulated Wire with Outer Fibre Glass Braiding

No.	Stock Code	Description	Size (mm ²)	Amps (A)	Price/100 M (RM)
1	NWE0100	1.00MM ECOFLEX NYVIN WIRE	1.00	15.0	468.00
2	NWE0150	1.50MM ECOFLEX NYVIN WIRE	1.50	17.5	575.00
3	NWE0200	2.00MM ECOFLEX NYVIN WIRE	2.00	25.0	600.00
4	NWE0250	2.50MM ECOFLEX NYVIN WIRE	2.50	25.0	820.00
5	NWE0300	3.00MM ECOFLEX NYVIN WIRE	3.00	30.0	1060.00
6	NWE0350	3.50MM ECOFLEX NYVIN WIRE	3.50	35.0	1230.00

FLEXIBLE CORD

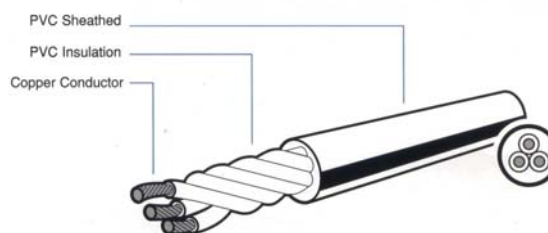


FAJAR PVC/PVC FLEXIBLE CORE 300/500V RoHS
(GREY)/(WHITE) (SIRIM QAS CERT. TO MS 2112-5 60227 IEC 53 H05VV-F)

No.	Stock Code	Metric Sizes (mm ²)	Cores	Meter	Price/90M
1	-	0.50mm ²	3	90 Mtr	TBC
2	-	0.75mm ²	3	90 Mtr	TBC
3	-	1.00mm ²	3	90 Mtr	TBC
4	-	1.50mm ²	3	90 Mtr	TBC
5	-	2.50mm ²	3	90 Mtr	TBC
6	-	4.00mm ²	3	90 Mtr	TBC
7	-	1.00mm ²	4	90 Mtr	TBC
8	-	1.50mm ²	4	90 Mtr	TBC
9	-	2.50mm ²	4	90 Mtr	TBC
10	-	4.00mm ²	4	90 Mtr	TBC
11	-	1.00mm ²	5	90 Mtr	TBC
12	-	1.50mm ²	5	90 Mtr	TBC
13	-	2.50mm ²	5	90 Mtr	TBC
14	-	4.00mm ²	5	90 Mtr	TBC

IMPERIAL			METRIC			
No./Diameter of Wire (in)	Current Rating (amps)	Cross Sectional Area (mm ²)	Cross Sectional Area (mm ²)	Current Rating (amps)		No./Diameter of Wire (in)
				1ø	3ø	
23/.0076	6	0.67	0.50	3	3	16/0.20
40/.0076	13	1.17	0.75	6	6	24/0.20
			1.00	10	10	32/.020
70/.0076	18	2.05	1.50	16	16	30/.025
110/.0076	24	3.21	2.50	25	20	50/0.25
162/.0076	31	4.74	4.00	32	25	56/0.30

- * Each of the Polyvinyl Chloride (PVC) insulated core (comprising strands of Class 5 flexible plain annealed copper conductor) is sheathed within another layer of PVC.(SIRIM QAS CERT. TO MS 2112-5 60227 IEC 53 H05VV-F)
- * Colour of each core differs according to the number of cores as follows: -
 3 Cores – Brown, blue and green/yellow
 4 Cores – Brown, blue, black and green/yellow
- * Applications: Suitable for household equipments, power and lighting purposes.
- ** These cable are made of Copper Cladded Aluminium conductor instead of conventional Copper conductor.
This is a Non-Fajar Cable Brand Flexible Cable.



TRS & AUTO CABLES



FAJAR PVC INSULATED SYNTHETIC RUBBER SHEATHED FLEXIBLE CABLES (BLACK) 300/500V RoHS (SIRIM QAS CERT. TO MS 2112-5 60227 IEC 53 H05VV-F)

No.	Stock Code	Metric Sizes (mm ²)	Cores	Meter	Price/90M
1	-	1.00mm ²	3	100 Mtrs	TBC
2	-	1.50mm ²	3	100 Mtrs	TBC
3	-	2.50mm ²	3	100 Mtrs	TBC
4	-	4.00mm ²	3	100 Mtrs	TBC
5	-	1.00mm ²	4	100 Mtrs	TBC
6	-	1.50mm ²	4	100 Mtrs	TBC
7	-	2.50mm ²	4	100 Mtrs	TBC
8	-	4.00mm ²	4	100 Mtrs	TBC
9	-	1.00mm ²	5	100 Mtrs	TBC
10	-	1.50mm ²	5	100 Mtrs	TBC
11	-	2.50mm ²	5	100 Mtrs	TBC
12	-	4.00mm ²	5	100 Mtrs	TBC

* Each of the PVC insulated core (comprising strands of Class 5 flexible plain annealed copper conductor) is sheathed within another layer of Synthetic Rubber.

(SIRIM QAS CERT. TO MS 2112-5 60227 IEC 53 H05VV-F)

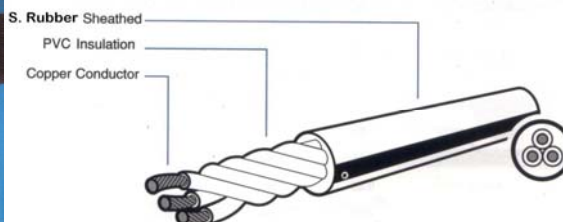
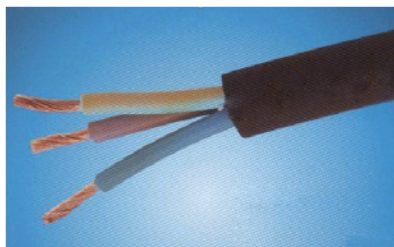
* Colour of each core differs according to the number of cores as follows: -

3 Cores – Brown, blue and green/yellow

4 Cores – Brown, blue, black and green/yellow.

5 Cores – Brown, blue, black, white and green/yellow.

* Applications: Suitable for household equipments, power and lighting purposes.



FAJAR PVC AUTO CABLES – SINGLE CORE

No.	Stock Code	Size (No/MM)	Colour	Meter	Price/Roll
1	-	14/026	R,Y,B,Bk,G,Br	30 Mtrs	TBC
2	-	28/026	R,Y,B,Bk,G,Br	30 Mtrs	TBC
3	-	35/026	R,Y,B,Bk,G,Br	30 Mtrs	TBC
4	-	44/026	R,Y,B,Bk,G,Br	30 Mtrs	TBC
5	-	65/026	R,Y,B,Bk,G,Br	30 Mtrs	TBC
6	-	100/026	R,Y,B,Bk,G,Br	50 Mtrs	TBC

* Colour available: Red, Yellow, Blue Black, Green & Brown.

INSULATION & THERMAL MATERIALS



MIKI TOKUSHU LTD.(YELLOW LEATHEROID PAPER)

Yellow Press Board Class 2 (PB2) Japan (JISC-2305)

No.	Stock Code	Size (MM)	Width (MM)	Packing (KGS)	Price / Kg (RM)
1	PYL013	0.13	1,000	± 100	TBC
2	PYL018	0.18	1,000	± 100	TBC
3	PYL025	0.25	1,000	± 100	TBC
4	PYL038	0.38	1,000	± 100	TBC
5	PYL050	0.50	1,000	± 100	TBC
6	PYL080	0.80	1,000	± 100	TBC
7	PYL100	1.00	1,000	± 100	TBC

- * These papers are made of a pressed form of a non-woven fabric of fibres from good and tough wood. Due to high chemical purity, thereby chemically neutral, pressboards are extremely well suited as an electrical insulating material.
- * Applications: Manufactured under strict quality control, it is mainly used as insulation in electrical appliances, machineries, and power equipments.

MIKI TOKUSHU LTD. (YELLOW POLYESTER PAPER)

Yellow Polyester Paper (TP); Class F



(Polyester Film Laminated Press Board Class 2) Japan (JISC-2317)

No.	Stock Code	Size (MM)	Width (MM)	Packing (KGS)	Price / Kg (RM)
1	PYP013	0.13	1,000	± 50	TBC
2	PYP018	0.18	1,000	± 50	52.00
3	PYP025	0.25	1,000	± 50	52.00
4	PYP035	0.35	1,000	± 50	52.00
5	PYP038	0.38	1,000	± 50	52.00
6	PYP050	0.50	1,000	± 50	TBC

- * The Yellow Polyester Paper is an electrical insulating material composed of polyethylene terephthalate film and electrical insulation paper bonded together by a special bonding machine.
- * Applications: It possesses high insulation characteristics that are excellent for resistance toward heat, moisture and chemical.

POLYESTER FILM LAMINATED PAPER

Green / Yellow Polyester Paper (Made in China) Class F

No.	Stock Code	Size (MM)	Width (MM)	Packing (KGS)	Price / Kg (RM)
1	PGP013	0.13	1,000	± 50	36.00
2	PGP015	0.15	1,000	± 50	36.00
3	PGP018	0.18	1,000	± 50	36.00
4	PGP025	0.25	1,000	± 50	36.00
5	PGP028	0.28	1,000	± 50	36.00
6	PGP035	0.35	1,000	± 50	TBC
7	PGP038	0.38	1,000	± 50	TBC
8	PGP050	0.50	1,000	± 50	TBC



- * The Polyester Film Laminated Press Board is an electrical insulating material composed of polyethylene terephthalate film and electrical insulation paper bonded together by a special bonding machine.
- * Applications: It possesses high insulation characteristics that are excellent for resistance toward heat, moisture and chemical.

INSULATION & THERMAL MATERIALS

NOMEX®

NOMEX® Aramid (Aromatic Polyamide) (UL)

Paper Type 410; Class H

No.	Stock Code	Size (MM)	Thermal Index	Width (MM)	Packing (KGS)	Price / Kg (RM)
1	PNPT005	0.05	220°C	914	± 50	TBC
2	PNPT018	0.18	220°C	914	± 50	TBC
3	PNPT025	0.25	220°C	914	± 50	TBC
4	PNPT030	0.30	220°C	914	± 50	TBC
5	PNPT035	0.35	220°C	914	± 50	TBC
6	PNPT038	0.38	220°C	914	± 50	TBC

- * Nomex® T410 is the original form of Nomex® paper. Apart from having high inherent dielectric strength, mechanical toughness, flexibility and resilience, it also displays high temperature resistance against flame and heat up to 220°C. Chemically, Nomex® is an aromatic polyamide and is generally known as an aramid.
- * Applications: Nomex® T410 is widely used in a majority of electrical equipment application, and is used in almost every known sheet electrical application.
- * Disclaimer: Nomex® is a Dupont™ registered trademark.

NOMEX®

NOMEX® / MYLAR® / NOMEX® COMPOSITE (UL)

Nomex® Laminate Type NMN; Class F

No.	Stock Code	Size (MM)	Width (MM)	Packing (KGS)	Price / Kg (RM)
1	PNMN013	0.13	914	± 50	TBC
2	PNMN017	0.17	914	± 50	TBC
3	PNMN018	0.18	914	± 50	260.00
4	PNMN019	0.19	914	± 50	260.00
5	PNMN020	0.20	914	± 50	247.00
6	PNMN025	0.25	914	± 50	247.00
7	PNMN030	0.30	914	± 50	233.00
8	PNMN035	0.35	914	± 50	233.00
9	PNMN038	0.38	914	± 50	233.00
10	PNMN050	0.50	914	± 50	233.00

- * NMN insulating paper is a flexible, three layer composite using Nomex® Aramid (Aromatic Polyamide) paper on both sides of the polyester film (Mylar®), bonded together with a high temperature adhesive system. This laminate is designed not to delaminate or blister at high temperature.
- * Applications: This three-ply laminate contributes high dielectric strength, as well as good initial tear strength and tensile properties, making it well suited to be used as slot liners, wedges and phase insulation in motors and generators.
- * Disclaimer: Nomex® is a Dupont™ registered trademark.

DMD Composite Insulation Paper Class F (UL)

No.	Stock Code	Size (MM)	Width (MM)	Packing (KGS)	Price / Kg (RM)
1	PDMD018	0.18	1,000	± 50	103.50
2	PDMD020	0.20	1,000	± 50	103.50
3	PDMD025	0.25	1,000	± 50	103.50
4	PDMD030	0.30	1,000	± 50	103.50
5	PDMD035	0.35	1,000	± 50	103.50

- * DMD is a three layers composite paper made of polyester non-woven cloth that is laminated on both sides of the polyester paper. The resultant is a product that has good mechanical strength, dielectric properties and reliable heat adhesion.
- * Applications: It is suitable for winding Class F electric motor in slot, phase or liner because of its flexibility and good resin absorption.
- * Colour available: White & Pink.



INSULATION & THERMAL MATERIALS



GARWARE POLYESTER FILM UL (India)

Untreated Polyethylene Terephthalate Polyester Film
(Milky White/Clear) - Class F

No.	Stock Code	Size (MM)	Width (MM)	Packing (KGS)	Price / Kg (RM)
1	PPF0125	0.125	1,000	± 50	54.50
2	PPF0188	0.188	1,000	± 50	52.00
3	PPF0250	0.250	1,000	± 50	52.00
4	PPF0350	0.350	1,000	± 50	58.50
5	PPF0500	0.500	1,000	± 50	TBC



* This polyester film exhibits superior thermal ageing performance compared to normal polyester films.

* Applications: It is specially developed as an insulating material for rotating electrical machines and as electrical laminates.

HOKUETSU BLUE FISH PAPER (Made In Japan)



H-Grade Vulcanized Fibre in Blue Colour

No.	Stock Code	Size (MM)	Width (MM)	Packing (KGS)	Price / Kg (RM)
1	PBF030	0.30	1,400	± 100	TBC
2	PBF040	0.40	1,400	± 100	90.50
3	PBF050	0.50	1,400	± 100	TBC

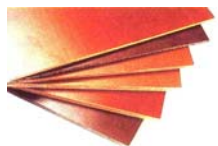


* Vulcanized fibre is a chemically neutral industrial material that has a fine texture. It features excellent electrical insulation strength, high mechanical strength, distinguished flexibility & bending strength as well as incomparable durability & abrasion resistibility.

* Applications: It is used for various electrical goods as insulation parts because of its electrical insulation strength, arc-resistibility, oil-proof characteristic and flexibility for processing.

BAKELITE / PHENOLIC SHEET (Made In India)

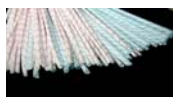
No.	Stock Code	Thickness (MM)	Size (FEET)	Weight / Sht	Price / Sht (RM)
1	MBS008	0.80	4' X 4'	1.70 KGS	TBC
2	MBS016	1.60	4' X 4'	3.40 KGS	TBC
3	MBS030	3.00	4' X 4'	6.25 KGS	TBC
4	MBS045	4.50	4' X 4'	9.45 KGS	TBC
5	MBS064	6.40	4' X 4'	12.35 KGS	TBC
6	MBS100	10.00	4' X 4'	19.60 KGS	TBC
7	-	13.00	4' X 4'	27.60 KGS	TBC
8	-	15.00	4' X 4'	30.00 KGS	TBC
9	-	16.00	4' X 4'	32.08 KGS	TBC
10	-	19.00	4' X 4'	38.00 KGS	TBC



* Bakelite is a high-pressure thermosetting industrial product. These phenolic resin based products are electrically nonconductive and heat resistant.

* Applications: It is manufactured in the forms of sheet, rod and tubes for hundreds of industrial applications in the electronics, power generation and aerospace industries.

INSULATION & THERMAL MATERIALS



INSULATED GLASS VARNISH SLEEVING VG201 (China)

Fibreglass Sleeveing Coated with Polyvinyl Chloride Resin

(Class F 155°C, 1KV, 1.5KV)

No.	Stock Code	Diameter (MM)	Length (MTR)	Packing	Price / 100MTR (RM)
1	SGV0080	0.80	100	Coils	34.00
2	SGV0100	1.00	100	Coils	34.00
3	SGV0150	1.50	100	Coils	70.00
4	SGV0200	2.00	100	Coils	70.00
5	SGV0250	2.50	100	Coils	103.00
6	SGV0300	3.00	100	Coils	103.00
7	SGV0350	3.50	100	Coils	115.00
8	SGV0400	4.00	100	Coils	115.00
9	SGV0500	5.00	100	Coils	161.00
10	SGV0600	6.00	100	Coils	207.00
11	SGV0700	7.00	100	Coils	235.00
12	SGV0800	8.00	100	Coils	270.00
13	SGV0900	9.00	100	Coils	315.00
14	SGV1000	10.00	100	Coils	325.00
15	SGV1100	11.00	100	Coils	360.00
16	SGV1200	12.00	100	Coils	440.00
17	SGV1300	13.00	50	Coils	475.00
18	SGV1400	14.00	50	Coils	486.00
19	SGV1600	16.00	50	Coils	565.00
20	SGV1800	18.00	50	Coils	640.00
21	SGV2000	20.00	50	Coils	675.00
22	SGV2200	22.00	50	Coils	857.00
23	SGV2300	23.00	50	Coils	1032.00
24	SGV2500	25.00	25	Coils	1187.00



EMPIRE GLASS SLEEVING VG202 (Made In China)

Fibreglass Sleeveing Coated With Acrylic Resin, (Red & Black)

(Class F 155°C, 1.5 KV 2.5KV)

No.	Stock Code	Diameter (MM)	Colour	Length (MTR)	Packing	Price / 100MTR (RM)
1	SEG_0080	0.80MM	Black, Red	100	Coils	68.00
2	SEG_0100	1.00MM	Black, Red	100	Coils	68.00
3	SEG_0150	1.50MM	Black, Red	100	Coils	87.00
4	SEG_0200	2.00MM	Black, Red	100	Coils	100.00
5	SEG_0250	2.50MM	Black, Red	100	Coils	132.00
6	SEG_0300	3.00MM	Black, Red	100	Coils	178.00
7	SEG_0350	3.50MM	Black, Red	100	Coils	215.00
8	SEG_0400	4.00MM	Black, Red	100	Coils	260.00
9	SEG_0500	5.00MM	Black, Red	100	Coils	283.00
10	SEG_0600	6.00MM	Black, Red	100	Coils	324.00
11	SEG_0700	7.00MM	Black, Red	100	Coils	406.00
12	SEG_0800	8.00MM	Black, Red	100	Coils	457.00
13	SEG_0900	9.00MM	Black, Red	50	Coils	698.00
14	SEG_1000	10.00MM	Black, Red	50	Coils	937.00
15	SEG_1200	12.00MM	Black, Red	50	Coils	1097.00

- * VG201 is non-alkali fibreglass braided sleeveing coated with polyvinyl chloride resin possesses good qualities of dielectric, chemical resistance, excellent softness and elasticity.
- * VG202 are braided with non-alkali fibreglass and coated with a layer of modified acrylic resin, thermosetted to form F grade insulating sleeveings. It possesses good qualities of dielectric, fair softness and elasticity as well as being flame resistant.
- * Applications: It is suitable to be used for wiring insulation and mechanical protection for electrical machineries, electric appliances and electrical instruments.

INSULATION & THERMAL MATERIALS

SILICONE COATED FIBRE GLASS SLEEVING (UL) (China)

Flame-retardant Silicone Varnished Fibreglass Sleeve (White)

(Class H 200°C, 1.5 KV 2.5KV)

No.	Stock Code	Diameter (MM)	Length (MTR)	Packing	Price/100MTR (RM)
1	SFG0050	0.50	100	Coils	59.00
2	SFG0080	0.80	100	Coils	59.00
3	SFG0100	1.00	100	Coils	59.00
4	SFG0150	1.50	100	Coils	73.00
5	SFG0200	2.00	100	Coils	84.00
6	SFG0250	2.50	100	Coils	110.00
7	SFG0300	3.00	100	Coils	147.00
8	SFG0350	3.50	100	Coils	177.00
9	SFG0400	4.00	100	Coils	209.00
10	SFG0450	4.50	100	Coils	222.00
11	SFG0500	5.00	100	Coils	236.00
12	SFG0600	6.00	100	Coils	276.00
13	SFG0700	7.00	100	Coils	340.00
14	SFG0800	8.00	50	Coils	390.00
15	SFG0900	9.00	50	Coils	581.00
16	SFG1000	10.00	50	Coils	773.00
17	SFG1100	11.00	50	Coils	884.00
18	SFG1200	12.00	50	Coils	929.00
19	SFG1400	14.00	50	Coils	1297.00
20	SFG1600	16.00	50	Coils	1658.00
21	SFG1800	18.00	1	Lths	2209.00
22	SFG2000	20.00	1	Lths	2400.00
23	SFG2200	22.00	1	Lths	2504.00
24	SFG2300	23.00	1	Lths	2800.00
25	SFG2400	24.00	1	Lths	3093.00
26	SFG2500	25.00	1	Lths	3904.00
27	SFG2600	26.00	1	Lths	4714.00
28	SFG2800	28.00	1	Lths	4789.00
29	SFG3000	30.00	1	Lths	4861.00
30	SFG3500	35.00	1	Lths	5430.00

* These sleeveings consist of closely woven fabric made from glass and coated with a silicone varnish. It is an excellent material in terms of heat resistance (up to 200°C) and electrical insulating property.

* Applications: It is suitable to be used as wiring insulator for H grade electrical machinery.



INSULATION & THERMAL MATERIALS



FACTOR Self-Adhesive PVC (Polyvinyl Chloride) Insulating Tape

No.	Stock Code	Size (INCH)	Size (MM)	Length (Yards)	Price/Coil (RM)
1	FTPVC-BLK	3/4" - Black	19	8	1.15
2	FTPVC-BLU	3/4" - Blue	19	8	1.15
3	FTPVC-GRE	3/4" - Green	19	8	1.15
4	FTPVC-RED	3/4" - Red	19	8	1.15
5	FTPVC-YEL	3/4" - Yellow	19	8	1.15

- * PVC Insulating Tape is composed of a soft PVC film and has excellent properties for insulation as well as good flame retardant characteristics.
- * Colours are available in Black, Blue, Yellow, Green and Red
- * Application: Suitable for wire and cable insulation or repair, sealing, protection as well as for general wire harness and general insulation on PVC pipes.



YELLOW POLYESTER TAPE (UL) (Made In Korea)

Class B (130°C) Thermosetting Adhesive

No.	Stock Code	Size (INCH)	Size (MM)	Length (Meter)	Price/Coil (RM)
1	TYPT13	1/2"	13	50	9.40
2	TYPT19	3/4"	19	50	11.65
3	TYPT25	1"	25	50	15.00
4	TYPT30	1 1/4"	30	50	TBC



- * These tapes are made of polyester film coated with acrylic adhesive and display high dielectric strength, excellent adhesive power as well as good chemical and solvent resistance.
- * Applications: For use as electrical insulation in all types of coils, transformers, motors, TV set and condenser for insulation.



CHUKOH FLO® ADHESIVE TAPE (Made In Japan)

Chukoh Flo® Glass Cloth Tape (AGF 100)

No.	Stock Code	Size (INCH)	Size (MM)	Thickness (MM)	Length (Meter)	Price/Coil (RM)
1	KJ1-CT-13M	1/2"	13	0.13	10	45.80
2	KJ1-CT-19M	3/4"	19	0.13	10	64.70
3	KJ1-CT-25M	1"	25	0.13	10	90.50
4	KJ1-CT-38M	1 1/2"	38	0.13	10	TBC
5	KJ1-CT-50M	2"	50	0.13	10	TBC

- * Chukoh tapes are made of a polymeric material that has unique characteristics such as water repellence, oil repellence and non-tackiness. Other characteristics include and anti-stick surface, permits continuous use over wide temperature range from low up to a high of 180°C and has excellent electrical insulation properties. Its non-sticky surface ensures that virtually all kinds of viscous substances such as plaster, resin and paint can be removed.
- * Application: Main uses include lining of chutes and hoppers, covering of drier rolls used for non-woven cloth and paper, covering of heat sealing heater, insulation spacers and wrapping of wiring connections.
- * Disclaimer: Chukoh Flo® is a Chukoh Chemical Industries Ltd. registered trademark.



INSULATION & THERMAL MATERIALS

COTTON TAPE (Non Adhesive) (Made In China)

No.	Stock Code	Size (INCH)	Size (MM)	Length (Meter)	Price/Coil (RM)
1	TCT13	½"	13	20	6.75
2	TCT19	¾"	19	20	8.55
3	TCT25	1"	25	20	11.90
4	TCT30	1 ¼"	30	20	TBC
5	TCT38	1 ½"	38	20	TBC
6	TCT50	2"	50	20	TBC

* Applications: It is mainly used for winding and strapping of coils, motors and transformers.

FIBRE GLASS TAPE (Non Adhesive) Class H (Made In China)

No.	Stock Code	Size (INCH)	Size (MM)	Length (Meter)	Price/Coil (RM)
1	TFG13	½"	13	30	TBC
2	TFG20	¾"	20	30	21.00
3	TFG25	1"	25	30	23.50

* Fibre Glass Tape is woven by electrical glass E-Glass yarns. It has high tensile strength and flame resistance. It is also characterized by good resistance to chemical and high temperature.

* Applications: It is suitable for fire-proof cable wrapping and insulating of electric machineries such as arc welder, electric motor and dry-tape transformer.



UK TYING CORD (Made In England)

No.	Stock Code	Description	Length (Meter)	Price (RM)
1	TC2	TC2	1000	647.00
2	TCRT06	RT6	1000	415.00
3	TCRT08	RT8	800	TBC
4	TCRT22	RT22	250	TBC

* Tying cords are made from special synthetic rayon, treated to produce a high tensile strength. The continuous fibres, which are particularly suited for wrapping around corners, are impregnated with a synthetic resin.

* Applications: Useful for lacing and binding coils ends and coils in electric motors and transformers.



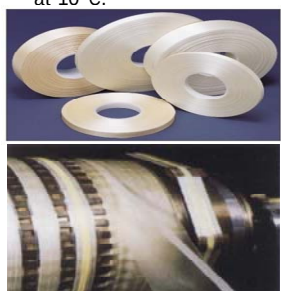
POLYGLASS MOTOR / ARMATURE BANDING TAPE

No.	Stock Code	Size (INCH)	Size (MM)	Colour	Packing (Meter)	Price/Coil (RM)
1	TBT20	¾"	19	White	100	390.00
2	TBT25	1"	25	White	100	440.00

* These polyglass banding tapes are constructed of high tensile, moisture resistant glass yarn laid parallel, impregnated and bonded with polyester resin. They are supplied in 'B' stage, i.e. semi cured. After heat curing, i.e. in 'C' stage, the tape forms a hard, rigid and springy high tensile homogenous mixture of glass and resin which is void free. This cured mass greatly improves heat dissipation factor.

* Applications: They are used to replace steel banding of all types of armatures including traction motors, AC motors, coil of DC motor, large generators and banding of dry type & resin moulded type transformer.

* CAUTION: Due to its 'B' stage nature, polyglass tape should be stored in low temperature environment, and brought back to room temperature before use. Its shelf life is approximately 6 months at 20°C and 12 months at 10°C.



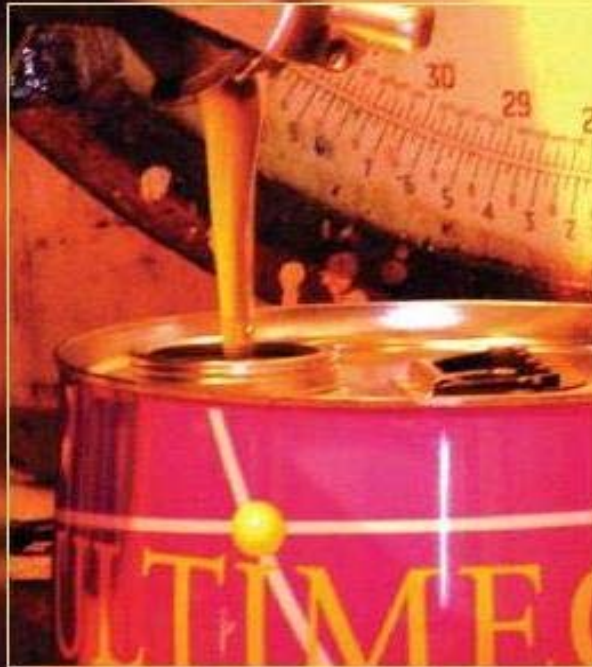
200°C thermal class	High Tensile strength	Guaranteed Moisture resistant	Arc Resistant
Very good performance at elevated temperature	It has high tensile strength of more than 2500 N/cm	Protection against moisture intrusion	Protection from flashover failure

VARNISHES & RESINS

KIN COPPER ELECTRIC



complete *bespoke*
design solutions



A family *bond*
A business *strength*



Since 1849, the Kemp family has manufacture of varnishes and resins. Ever since then, they have developed their products with the development of the electrical industry itself.

In 1982, Mr.George Kemp established AEV Plc, which has now grown to service the electronic and electrical industry in over 75 countries worldwide.

Still family led , AEV is a quality driven company producing electrical insulating varnishes, resin and compounds for many internationally required customer. First class products, service and bespoke design solutions cater for customers' every need; creating "Qualities That Bond"

VARNISHES & RESINS



AEV ULTIMEG INSULATION VARNISH 2000/250 (UK)

Freon Resistant Epoxy Impregnating Varnish

Oven Cured (8 hrs @ 160°C), Class H (180°C)

No.	Stock Code	Description	Litres	Class	Price (RM)
1	V250200L	ULTIMEG 2000/250 (BAKE 150C) FREON RESISTANCE VARNISH	200 Ltr	H	TBC
2	V25025L	ULTIMEG 2000/250 (BAKE 150C) FREON RESISTANCE VARNISH	25 Ltr	H	TBC
3	V2505L	ULTIMEG 2000/250 (BAKE 150C) FREON RESISTANCE VARNISH	5 Ltr	H	690.00

- * This is a phenolic modified epoxy varnish, which produces tough chemically resistant insulating film with good bond strength at all operating temperatures up to Class H (180°C). The cured product has exceptional resistance to chemical and moisture.
- * Applications: Suitable to be used in hermetic and semi-hermetic systems containing Arcton and Freon refrigerants including R21, R22, R23, R32, R125, R134a, R407C, mineral oil and ester oil.



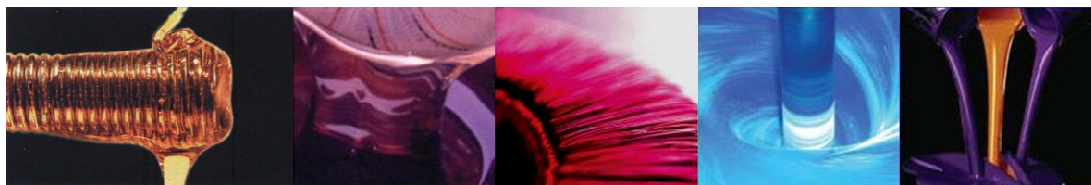
AEV ULTIMEG INSULATION VARNISH 2000/370 (UK)

H.F. Quick Cure Polyester Impregnating Varnish (Isonel 31-398-Equivalent)

Oven Cured (3 hrs @ 130°C), Class H (180°C) Clear / Golden

No.	Stock Code	Description	Litres	Class	Price (RM)
1	V370C200L	ULTIMEG 2000/370 IMPREGNATING CLEAR VARNISH	200 Ltr	H	TBC
2	V370C25L	ULTIMEG 2000/370 IMPREGNATING CLEAR VARNISH	25 Ltr	H	1965.00
3	V370C5L	ULTIMEG 2000/370 IMPREGNATING CLEAR VARNISH	5 Ltr	H	TBC
4	V370G200L	ULTIMEG 2000/370 IMPREGNATING GOLDEN VARNISH	200 Ltr	H	TBC
5	V370G25L	ULTIMEG 2000/370 IMPREGNATING GOLDEN VARNISH	25 Ltr	H	TBC
6	V370G5L	ULTIMEG 2000/370 IMPREGNATING GOLDEN VARNISH	5 Ltr	H	TBC

- * This is a high flash, modified isophthalic alkyd, which produces tough resilient insulating films with good bond strength at all operating temperatures up to Class H (180°C). Its quick curing characteristics and the ability to cure at lower temperatures allows operators optimum versatility in processing.
- * Applications: A general purpose varnish for impregnation of transformers, chokes, relays and fields, together with most types of electric motors.



VARNISHES & RESINS



AEV ULTIMEG INSULATION VARNISH 2000/372 (UK)

Anti Tracking Varnish (Isonel 642 Equivalent)

Air Drying (24 - 48 hrs @ 21°C; Full Cure), Class H (180°C) Clear / Golden

No.	Stock Code	Description	Litres	Class	Price (RM)
1	V372C25L	ULTIMEG 2000/372 (AIR DRY) CLEAR ANTI TRACKING VARNISH	25 Ltr	F	1360.00
2	V372C18L	ULTIMEG 2000/372 (AIR DRY) CLEAR ANTI TRACKING VARNISH	18 Ltr	F	978.50
3	V372C5L	ULTIMEG 2000/372 (AIR DRY) CLEAR ANTI TRACKING VARNISH	5 Ltr	F	298.00
4	V372G25L	ULTIMEG 2000/372 (AIR DRY) GOLDEN ANTI TRACKING VARNISH	25 Ltr	F	1360.00
5	V372G18L	ULTIMEG 2000/372 (AIR DRY) GOLDEN ANTI TRACKING VARNISH	18 Ltr	F	978.50
6	V372G5L	ULTIMEG 2000/372 (AIR DRY) GOLDEN ANTI TRACKING VARNISH	5 Ltr	F	298.00
7	V372R5L	ULTIMEG 2000/372 (AIR DRY) RED ANTI TRACKING VARNISH	5 Ltr	F	298.00
8	V372RSpray	ULTIMEG 2000/372 (AIR DRY) ANTI TRACKING RED AEROSOLS	400 MI	F	71.50

* This is range of anti tracking varnish provide tough, impervious, insulating seals in difficult environments. The system dries rapidly in thin film to give very effective sealing off of electrical leakage paths together with excellent noise reduction characteristics. It has excellent resistance to transformer oils and moisture, and is suitable for use in Class F insulating systems. Together with the inclusion of a low hazard fungicide in the varnish, it effectively is also a fungal resistant solution, well suited for tropicalisation and for use on equipments working in warm humid climates.

* Applications: Suitable for noise reduction in small transformers and moisture protection, anti tracking and tropicalisation on all types of electrical equipments.



AEV ULTIMEG INSULATION VARNISH 2000/376 (UK)

Anti Tracking Varnish

Air Drying, Class B (130°C) Clear / Golden

No.	Stock Code	Description	Litres	Class	Price (RM)
1	V376C200L	ULTIMEG 2000/376 (AIR DRY) CLEAR VARNISH	200 Ltr	F	TBC
2	V376C18L	ULTIMEG 2000/376 (AIR DRY) CLEAR VARNISH	18 Ltr	F	608.00
3	V376C5L	ULTIMEG 2000/376 (AIR DRY) CLEAR VARNISH	5 Ltr	F	181.00
4	V376G200L	ULTIMEG 2000/376 (AIR DRY) GOLDEN VARNISH	200 Ltr	F	TBC
5	V376G18L	ULTIMEG 2000/376 (AIR DRY) GOLDEN VARNISH	18 Ltr	F	608.00
6	V376G5L	ULTIMEG 2000/376 (AIR DRY) GOLDEN VARNISH	5 Ltr	F	181.00

* This is range of anti tracking varnish provide tough, impervious, insulating seals in difficult environments. The system dries rapidly in thin film to give very effective sealing off of electrical leakage paths together with excellent noise reduction characteristics. It has excellent resistance to transformer oils and moisture, and is suitable for use in Class B insulating systems. Together with the inclusion of a low hazard fungicide in the varnish, it effectively is also a fungal resistant solution, well suited for tropicalisation and for use on equipments working in warm humid climates.

* Applications: Suitable for noise reduction in small transformers and moisture protection, anti tracking and tropicalisation on all types of electrical equipments.

VARNISHES & RESINS



AEV ULTIMEG INSULATION VARNISH 2000/380 (UK)

Alkyd Phenolic Impregnating Varnish (Isonel 51 Equivalent)

Oven Cured (4 hrs @ 130°C), Class H (180°C)

No.	Stock Code	Description	Litres	Class	Price (RM)
1	V380C200L	ULTIMEG 2000/380 IMPREGNATING CLEAR VARNISH	200 Ltr	H	TBC
2	V380C25L	ULTIMEG 2000/380 IMPREGNATING CLEAR VARNISH	25 Ltr	H	1500.00
3	V380C18L	ULTIMEG 2000/380 IMPREGNATING CLEAR VARNISH	18 Ltr	H	1125.00

- * This is a high flash, alkyd phenolic, which produces tough resilient insulating films with excellent electrical and bond strength characteristics at all operating temperatures up to Class H (180°C). The cured product has exceptionally good resistance to moisture and insulating oils, together with full cure in the deeper sections of winding.
- * Applications: A general purpose varnish for impregnation of transformers, chokes, relays and fields, together with most types of electric motors.



AEV CLEANING SOLVENTS AND CONTACT CLEANER (UK)

No.	Stock Code	Description	Litres	Price (RM)
1	V420SPRAY	ULTIMEG 2000/420 MEGGAWASH CLEANING SOLVENT AEROSOLS	400 MI	TBC
2	V440200ML	ULTIMEG U440 MEGGACLEAN CONTACT CLEANER (SPRAY)	200 MI	TBC
3	V48025L	ULTIMEG U480 MULTICLENS CLEANING SOLVENT	25 Ltr	1306.00
4	VAA48020L	AA ULTIMEG U480 MULTICLENS CLEANING SOLVENT	20 Ltr	TBC
5	VX225LT4	ULTIMEG T4 REDUCER	25 Ltr	737.00
6	VX205LT4	ULTIMEG T4 REDUCER	5 Ltr	155.50

- * Both Multiclens 480 & Meggawash 420 are formulated to be ozone friendly is suitable as replacement for 1,1,1 Trichloroethane. These solutions features excellent solvency and leaves no residue upon evaporation.
- * Meggaclean 440 CO contact cleaner is a formulated, non-ozone depleting cleaning solvent which results in a residue free, clean and workable surface.
- * Applications: Multiclens 480 & Meggawash 420 are cleaning solvents for removal of dirt, oils, greases and other heavy duty soils from a variety of equipments such as electric motors, generators, brakes and clutches, chains, and as general cold cleaners. Meggaclean 440 is suitable for cleaning of all electrical and mechanical parts including relays, switches, circuit breakers, alarm and signal systems, printed circuit boards, connectors, generators, contacts, laboratory equipments, video heads and drums, plugs and jacks.



AEV ULTIFIL EPOXY RESIN (UK)

2 Parts, Epoxide Compound Potting Resin

No.	Stock Code	Description	Litres	Price (RM)
1	V810W5KG	ULTIMEG 2001/810 COMPOUND VARNISH C/W CATALYST (BLUE)	5 Kgs	763.50
2	V810W5KG	ULTIMEG 2001/810NL COMPOUND VARNISH C/W CATALYST (BLACK)	5 Kgs	840.50

- * This compound is a filled, blue pigmented, two component epoxide resin system. The system features room temperature processing, good thermal shock resistance of the cured product and high thermal conductivity.
- * Applications: It is used for the encapsulation, sealing and potting of electronic and electrical components.



VARNISHES & RESINS



- Our products are broadly catalogued into seven areas
- **AEV Ultimag 2000**,
Traditional insulating varnishes and resins
 - **AEV Ultimag 2002**,
"0" VOC Solvent less Epoxy impregnation resins
 - **AEV Ultifil 3000**,
Polyurethane Epoxy potting resins
 - **AEV Ultifil 2001 & 2004**,
Epoxy potting resins
 - **AEV Aquameg**,
Water based varnishes
 - **AEV Ulticote**,
Coating finishes
 - **AEV Ayrodev™**,
In situ cleaning solvents

Our products are widely used in the manufacture of –

- Electric Motors
- Power Tools
- Domestic Appliances
- MV & HV Machines
- Traction Motors
- Automotive Products
- Transformers
- Electronics

New, non-electrical applications are also included in the manufacture of

- Filters
- Water Meters



PLUSS COAT

PLUSS COAT CLEAR/GOLDEN INSULATING VARNISH

Fast Drying Modified Alkyd Insulating Varnish Class F (155°C)

No.	Stock Code	Description	Litres	Price(RM)
1	V155C200L	PLUSS COAT 155N (AIR DRY) CLEAR INSULATING VARNISH	200 Ltr	TBC
2	V155C20L	PLUSS COAT 155N (AIR DRY) CLEAR INSULATING VARNISH	20 Ltr	TBC
3	V155C4L	PLUSS COAT 155N (AIR DRY) CLEAR INSULATING VARNISH	4 Ltr	129.50
4	V155G200L	PLUSS COAT 155N (AIR DRY) GOLDEN INSULATION VARNISH	200 Ltr	TBC
5	V155G20L	PLUSS COAT 155N (AIR DRY) GOLDEN INSULATION VARNISH	20 Ltr	TBC
6	V155G4L	PLUSS COAT 155N (AIR DRY) GOLDEN INSULATING VARNISH	4 Ltr	129.50



* This short oil modified alkyd varnish features good adhesion and heat resistance as well as good resistance against moisture, solvent and grease.

* Applications: Suitable for use in copper coils, electric transformers, electric circuit boards as well as in the applications of ballasts and fluorescent lamp casing and other metal surface.

PLUSS COAT

PLUSS COAT COMPOUND VARNISH AND REDUCER

No.	Stock Code	Description	Litres	Price (RM)
1	VCV20L	PLUSS COAT COMPOUND VARNISH C/W CATALYST	20 Ltr	TBC
2	VCV4L	PLUSS COAT COMPOUND VARNISH C/W CATALYST	4 Ltr	220.00
3	VX220L	REDUCER	20 Ltr	TBC
4	VX24L	REDUCER	4 Ltr	TBC

HIMEL ELECTRICAL PRODUCTS



HDB6s MINIATURE CIRCUIT BREAKER (MCB)

No.	Stock Code	Poles	Rating (A)	KA	Price/Pc (RM)
1	HDB6s1C6, 10, 16, 20, 25, 32, 40	1	6, 10, 16, 20, 25, 32, 40	6	9.00
2	HDB6s1C50, 63	1	50, 63	4.5	16.50
3	HDB6s2C6, 10, 16, 20, 25, 32, 40	2	6, 10, 16, 20, 25, 32, 40	6	28.00
4	HDB6s2C50, 63	2	50, 63	4.5	40.50
5	HDB6s3C6, 10, 16, 20, 25, 32, 40	3	6, 10, 16, 20, 25, 32, 40	6	48.00
6	HDB6s3C50, 63	3	50, 63	4.5	55.00

HDB6s miniature circuit breakers combine the following functions

- Protection of circuits against overload currents
- Protection of circuits against short-circuit currents
- Control
- Isolation



HDB9H MINIATURE CIRCUIT BREAKER (MCB)

No.	Stock Code	Poles	Rating (A)	KA	Price/Pc (RM)
1	HDB9H1C6, 10, 16, 20, 25, 32, 40	1	6, 10, 16, 20, 25, 32, 40	10	25.00
8	HDB9H1C50, 63	1	50, 63	10	28.00
10	HDB9H2C6, 10, 16, 20, 25, 32, 40	2	6, 10, 16, 20, 25, 32, 40	10	52.00
17	HDB9H2C50, 63	2	50, 63	10	60.00
19	HDB9H3C6, 10, 16, 20, 25, 32, 40	3	6, 10, 16, 20, 25, 32, 40	10	80.00
26	HDB9H3C50, 63	3	50, 63	10	90.00

HDB9H miniature circuit breakers combine the following functions

- Protection of circuits against overload currents
- Protection of circuits against short-circuit currents
- Control
- Isolation



HIMEL ELECTRICAL PRODUCTS



HDB6VR RESIDUAL CURRENT OPERATED CIRCUIT BREAKER (RCCB)

No.	Stock Code	Poles	Rating (A)	(mA)	Price/Pc (RM)
1	HDB6VR240SC	2	40	30	120.00
2	HDB6VR263SC	2	63	30	143.00
3	HDB6VR240YC	2	40	100	75.00
4	HDB6VR263YC	2	63	100	90.00
5	HDB6VR240TC	2	40	300	113.00
6	HDB6VR263TC	2	63	300	126.00
7	HDB6VR440SC	4	40	30	180.00
8	HDB6VR463SC	4	63	30	184.00
9	HDB6VR4100SC	4	100	30	540.00
10	HDB6VR440YC	4	40	100	143.00
11	HDB6VR463YC	4	63	100	163.00
12	HDB6VR4100YC	4	100	100	410.00
13	HDB6VR440TC	4	40	300	124.00
14	HDB6VR463TC	4	63	300	135.00
15	HDB6VR4100TC	4	100	300	380.00



HDB6VR Residual current operated circuit breaker combine the following functions

- Protection for users against indirect contact
- Additional protection for users against direct contact (30mA)
- Protection for electrical installations against insulation faults (fire hazard, etc)



HIMEL ELECTRICAL PRODUCTS

KIN COPPER ELECTRIC



HDR6 THERMAL OVERLOAD RELAY (T.O.R)

No.	Stock Code	Range for Setting Current	Fuse used for Matching with Rely (am) (Gg)		Matched Contactor	Price / Pc (RM)
1	HDR6 18 P18	0.12-0.18A	0.25	2	CDC6-09~18	75.00
2	HDR6 18 P25	0.18-0.25A	0.5	2	CDC6-09~18	75.00
3	HDR6 18 P36	0.25-0.36A	1	2	CDC6-09~18	75.00
4	HDR6 18 P5	0.35-0.50A	1	2	CDC6-09~18	75.00
5	HDR6 18 P7	0.50-0.70A	1	2	CDC6-09~18	75.00
6	HDR6 18 P9	0.63-0.90A	2	4	CDC6-09~18	75.00
7	HDR6 18 1P2	0.90-1.20A	2	4	CDC6-09~18	75.00
8	HDR6 18 1P8	1.20-1.80A	4	6	CDC6-09~18	75.00
9	HDR6 18 2P5	1.80-2.50A	4	6	CDC6-09~18	75.00
10	HDR6 18 3P6	2.50-3.60A	6	10	CDC6-09~18	75.00
11	HDR6 18 4P8	3.50-4.80A	8	16	CDC6-09~18	75.00
12	HDR6 18 6P3	4.50-6.30A	8	16	CDC6-09~18	85.00
13	HDR6 18 7	5-7A	12	20	CDC6-09~18	85.00
14	HDR6 18 9	6.3-9A	12	20	CDC6-09~18	85.00
15	HDR6 18 12	9-12A	16	25	CDC6-09~18	85.00
16	HDR6 18 18	14-18A	20	35	CDC6-09~18	85.00
17	HDR6 32 12	9-12A	16	25	CDC6-25~32	95.00
18	HDR6 32 18	12-18A	20	35	CDC6-25~32	95.00
19	HDR6 32 25	18-25A	25	50	CDC6-25~32	95.00
20	HDR6 32 32	23-32A	40	63	CDC6-25~32	95.00
21	HDR6 95 25	18-25A	25	50	CDC6-40~95	145.00
22	HDR6 95 32	23-32A	40	63	CDC6-40~95	145.00
23	HDR6 95 40	30-40A	40	100	CDC6-40~95	145.00
24	HDR6 95 50	37-50A	63	100	CDC6-40~95	148.00
25	HDR6 95 65	48-65A	63	100	CDC6-40~95	148.00
26	HDR6 95 70	55-70A	80	125	CDC6-40~95	210.00
27	HDR6 95 80	63-80A	80	125	CDC6-40~95	210.00
28	HDR6 95 95	80-95A	100	160	CDC6-40~95	210.00



HIMEL ELECTRICAL PRODUCTS



HDC6 AC CONTACTOR

No.	Stock Code	Rated Current (A)	Rated Power (KW)	Price/Pc (RM)
1	HDC6 09 11	9	4	66.00
2	HDC6 12 11	12	5.5	69.00
3	HDC6 18 11	18	7.5	80.00
4	HDC6 25 11	25	11	120.00
5	HDC6 32 11	32	15	150.00
6	HDC6 40 11	40	18.5	178.00
7	HDC6 50 11	50	22	260.00
8	HDC6 65 11	65	30	290.00
9	HDC6 80 11	80	37	410.00
10	HDC6 95 11	95	45	420.00



AUXILIARY CONTACT

No.	Stock Code	Installation Position	Pole	Composition		Price/Pc (RM)
				NO	NC	
1	FD6 02	TOP	2	0	2	TBC
2	FD6 11		2	1	1	9.50
3	FD6 20		2	2	0	TBC
4	FD6 04		4	0	4	TBC
5	FD6 13		4	1	3	TBC
6	FD6 22		4	2	2	16.00
7	FD6 31		4	3	1	TBC
8	FD6 40		4	4	0	TBC
9	FC6 02	SIDE	2	0	2	TBC
10	FC6 11		2	1	1	TBC
11	FC6 20		2	2	0	TBC



TOP



SIDE



HIMEL ELECTRICAL PRODUCTS



HDM1-63 MOULDED CASE CIRCUIT BREAKER (MCCB)

No.	Stock Code	Pole	In A	Fixed Thermal Magnetic L-type (25KA)	Price/Pc (RM)
1	-	3	10	HDM1063L0103XXXF	TBC
2	-	3	16	HDM1063L0163XXXF	TBC
3	-	3	20	HDM1063L0203XXXF	TBC
4	-	3	25	HDM1063L0253XXXF	TBC
5	-	3	32	HDM1063L0323XXXF	185.00
6	-	3	40	HDM1063L0403XXXF	185.00
7	-	3	50	HDM1063L0503XXXF	TBC
8	-	3	63	HDM1063L0633XXXF	185.00
No.	Stock Code	Pole	In A	Fixed Thermal Magnetic M-type (50KA)	Price/Pc (RM)
1	-	3	10	HDM1063M0103XXXF	TBC
2	-	3	16	HDM1063M0163XXXF	TBC
3	-	3	20	HDM1063M0203XXXF	TBC
4	-	3	25	HDM1063M0253XXXF	TBC
5	-	3	32	HDM1063M0323XXXF	TBC
6	-	3	40	HDM1063M0403XXXF	TBC
7	-	3	50	HDM1063M0503XXXF	TBC
8	-	3	63	HDM1063M0633XXXF	TBC



HDM1-100 MOULDED CASE CIRCUIT BREAKER (MCCB)

No.	Stock Code	Pole	In A	Fixed Thermal Magnetic L-type (35KA)	Price/Pc (RM)
1	-	3	16	HDM1100L0163XXXF	TBC
2	-	3	20	HDM1100L0203XXXF	TBC
3	-	3	25	HDM1100L0253XXXF	TBC
4	-	3	32	HDM1100L0323XXXF	TBC
5	-	3	40	HDM1100L0403XXXF	TBC
6	-	3	50	HDM1100L0503XXXF	TBC
7	-	3	63	HDM1100L0633XXXF	TBC
8	-	3	80	HDM1100L0803XXXF	TBC
9	-	3	100	HDM1100L1003XXXF	255.00



HDM1-63 MOULDED CASE CIRCUIT BREAKER (MCCB) (Complete Accessories of CDM6 Series)



No.	Stock Code	Applicable Type of Circuit Breaker	Price/Pc (RM)
1	-	HDM163	68.00
2	-	HDM1100	68.00

- Shunt Release (MX)

When the working voltage is between 70%-110% Us, the shunt release shall reliably trip the circuit breaker



ELECTRIC MOTOR PARTS & ACCESSORIES

MSC Capacitors

M.S.C. CAPACITORS (Made In Taiwan)

110V/125V AC Motor Start Capacitors

No.	Stock Code	Size (MFD)	OD X H (mm)	Price /Pc (RM)
1	CSM1072-088	72 - 88	37 X 70	27.80
2	CSM1088-108	88 - 108	37 X 70	28.70
3	CSM1108-130	108 - 130	37 X 70	29.60
4	CSM1124-149	124 - 149	37 X 70	31.50
5	CSM1130-156	130 - 156	37 X 70	32.10
6	CSM1161-193	161 - 193	37 X 70	33.10
7	CSM1189-227	189 - 227	37 X 70	34.00
8	CSM1200-240	200 - 240	37 X 70	38.20
9	CSM1216-259	216 - 259	37 X 70	38.20
10	CSM1223-280	223 - 280	37 X 70	40.90
11	CSM1270-324	270 - 324	37 X 70	42.50
12	CSM1340-408	340 - 408	46 X 86	51.20
13	CSM1400-480	400 - 480	46 X 86	59.00
14	CSM1540-648	540 - 648	46 X 86	84.60
15	CSM1708-850	708 - 850	46 X 86	96.30

MSC Capacitors

M.S.C. CAPACITORS (Made In Taiwan)

220V/250V AC Motor Start Capacitors

No.	Stock Code	Size (MFD)	OD X H (mm)	Price /Pc (RM)
1	CSM2025-030	25 - 30	37 X 70	33.70
2	CSM2036-045	36 - 45	37 X 70	39.30
3	CSM2053-064	53 - 64	37 X 70	42.00
4	CSM2072-086	72 - 86	37 X 70	51.20
5	CSM2088-106	88 - 106	37 X 70	52.50
6	CSM2108-130	108 - 130	37 X 70	53.30
7	CSM2124-149	124 - 149	46 X 86	54.60
8	CSM2145-175	145 - 175	46 X 86	63.80
9	CSM2161-193	161 - 193	46 X 86	71.90
10	CSM2189-227	189 - 227	46 X 86	77.10
11	CSM2216-260	216 - 260	46 X 86	85.60
12	CSM2233-280	233 - 280	46 X 86	93.10
13	CSM2270-324	270 - 324	46 X 86	101.00
14	CSM2340-408	340 - 408	46 X 86	110.60
15	CSM2400-480	400 - 480	46 X 86	121.90



* Motor Starting Capacitors are electrolytic capacitors with high capacitance value (in μF) and able to provide a high starting torque to the motor. They are disconnected at the end of the starting in order to avoid overload to the motor wiring.

* Applications: Suitable for use in electrical motors that need, for their starting, a capacitor which generates a displaced current, creating a rotating magnetic field.



SELCON/KAISEI PHOTO CONTROL SWITCH

Kaisei

Stock Code	Description	Price /Pc (RM)
KJ1-SDS-3A	Selcon 3A Photo Daylight Switch (japan)	TBC
KJ1-SDS-6A	Selcon 6A Photo Daylight Switch (japan)	TBC
KJ1-SDS-10A	Selcon 10A Photo Daylight Switch (japan)	TBC
KC6-KSDS-3A	Kaisei 3A Photo Daylight Switch (china)	TBC
KC6-KSDS-6A	Kaisei 6A Photo Daylight Switch (china)	TBC

KJ1-SDS-3A, 6A	KJ1-SDS-10A (New Model)	KJ1-SDS-10A (Old Model)

ELECTRIC MOTOR PARTS & ACCESSORIES

SQUARE TYPE CAPACITORS (UL)

250VAC METALLIZED POLYESTER FILM CAPACITORS

(SQUARE TYPE) (Made In China)

No.	Stock Code	Size (UF)	Dimension			Price /Pc (RM)
			W	H	D	
1	FCS20470	4.70	37	26	13	10.00
2	FCS20500	5.00	38	25	15	10.00
3	FCS20800	8.00	38	29	17	11.50
4	FCS21000	10.00	48	28	17	12.50
5	FCS21200	12.00	48	30	18	19.30
6	FCS21500	15.00	48	33	20.5	24.00
7	FCS21600	16.00	48	33	20.5	25.80
8	FCS22000	20.00	48	35	25	32.20
9	FCS22500	25.00	48	37	26.5	38.50
10	FCS23000	30.00	58	38	26	45.00
11	FCS23500	35.00	58	40	28	51.50

SQUARE TYPE CAPACITORS (UL)

450VAC METALLIZED POLYESTER FILM CAPACITORS

(SQUARE TYPE) (Made In China)

No.	Stock Code	Size (UF)	Dimension			Price /Pc (RM)
			W	H	D	
1	FCS40100	1.00	37	22	12	6.35
2	FCS40120	1.20	37	22	12	6.45
3	FCS40125	1.25	37	22	12	6.45
4	FCS40150	1.50	38	24	13.5	6.85
5	FCS40180	1.80	38	26	15	6.85
6	FCS40200	2.00	39	26	16	7.10
7	FCS40250	2.50	38	28	17	7.65
8	FCS40300	3.00	38	29	19	8.55
9	FCS40325	3.25	38	31	19.5	8.80
10	FCS40350	3.50	38	31	19.5	9.95
11	FCS40400	4.00	48	30	18	10.35
12	FCS40500	5.00	48	33	20.5	11.80
13	FCS40600	6.00	48	35	22.5	14.10
14	FCS40700	7.00	48	35	25	16.95
15	FCS40800	8.00	48	37	26.5	19.30
16	FCS41000	10.00	57	38	26.5	24.60
17	FCS41200	12.00	59	42	30	28.70
18	FCS41600	16.00	60	42	35	36.20

* These metalized film capacitors features high insulated resistance, low dielectric loss and stable temperature characteristics. The capacitor also boasts a non-inductive construction and self healing properties as well as non-combustible plastic case filled with non-combustible epoxy stuffing.

* Applications: They are designed for use with mini AC motors and electrical apparatus.



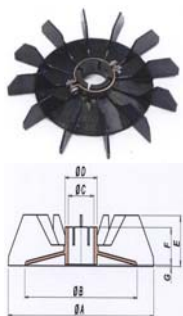
ELECTRIC MOTOR PARTS & ACCESSORIES


F.I.A.M.E. FAN SERIE (Made In Italy)

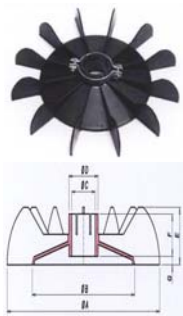
No.	Stock Code	Description	Size (A, Inch)	Shaft Hole (B, MM)	Price/Pc (RM)
1	FS(3000)07-24	SERIE 3000 (CLAMP) 100	7	24	45.25
2	FS(3000)08-30	SERIE 3000 (CLAMP) 112	8	30	51.85
3	FS(B)0500-1400	SERIE B (CLAMP) 71B-Y	5	14	28.45
4	FS(B)0600-1900	SERIE B (CLAMP) 80B-Y	6	19	34.15
5	FS(B)0650-2400	SERIE B (CLAMP) 90B-Y	6.5	24	37.00
6	FS(B)0700-2800	SERIE B (CLAMP) 100B-Y	7	28	39.90
7	FS(B)0800-2800	SERIE B (CLAMP) 112B-Y	8	28	45.50
8	FS(B)1000-4000	SERIE B (CLAMP) 132B-Y	10	40	90.50
9	FS(B)1200-4500	SERIE B (CLAMP) 160B-Y	12	45	108.60
10	FS(B)1350-5000	SERIE B (CLAMP) 180B-Y	13.5	50	122.15
11	FS(F)0450-1400	SERIE F (SCREW) 71F-X	4.5	14	25.60
12	FS(F)0500-1900	SERIE F (SCREW) 80F-X	5	19	28.45
13	FS(F)0600-2260	SERIE F (SCREW) 90F-X	6	22.6	34.15
14	FS(F)0700-2800	SERIE F (SCREW) 100F-X	7	28	39.90
15	FS(F)1000-4000	SERIE F (SCREW) 132F-X	10	40	90.50

* The F.I.A.M.E. series of motor Fan Blade are designed to meet the needs of motor repair industry. Each fan blade comes with adjustable clamps or screws for the fans to fit a wide range of shaft sizes. It is stronger, boasting improved quality and heat resistance.

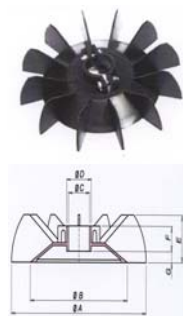
* Applications: Working hand in hand with a rotating device, the motor fan blade's primary function is to act as the principal cooling system to dissipate heat from a working electrical motor.



Fan Series 3000 Clamp										
Code	Model	A	B	C	D	E	F	G	N° Paddle	Hub Type
FM023VN01	80	143	105	17-19	23	27.5	26	1.5	12	Clamp
FM023VN02	90	156.5	113	19-24	29	32	30	3	12	Clamp
FM023VN03	100	177	123	24-28	36	33	31	3	12	Clamp
FM023VN04	112	204	153	28-30 38-40	48	40.5	35	5	12	Clamp
FM023VN05	132	230	180	38-40 44-45	52	46	30	6.5	12	Clamp



Fan Series B-Y Clamp										
Code	Model	A	B	C	D	E	F	G	N° Paddle	Hub Type
FM006VN01	71	131	90	10-17	21	29	19	6	12	Clamp
FM006VN02	80	141	100	12-20	25	29	18	5	12	Clamp
FM006VN03	90	162	118	12-28	31	30	23	6	12	Clamp
FM006VN04	100	183	128	24-28	35	34	25	5	12	Clamp
FM006VN05	112	205	137	20-30	46	37	27	6	12	Clamp
FM006VN06	132	239	179	30-40	45	49	30	11	12	Clamp
FM006VN07	160	294	218	40-45	52	54	34	14	12	Clamp
FM006VN08	180	335	256	50	58	60	36	15	12	Clamp



Fan Series F-X Screw										
Code	Model	A	B	C	D	E	F	G	N° Paddle	Hub Type
FM003VN01	71	113	91	12-14	19	26	16	4	12	Holdfast
FM003VN02	80	133	103	19	24	29	16	5	12	Holdfast
FM003VN03	90	144	106	22.6	28	34	18	10	12	Holdfast
FM003VN04	100	172	127	28	33	38	21	3	12	Holdfast
FM003VN05	112	188	137	28	33	42	23	6	12	Holdfast
FM003VN06	132	238	168	40	46	50	22	10	12	Holdfast

ELECTRIC MOTOR PARTS & ACCESSORIES

WINGS

NYLON / PVC MOTOR FANS

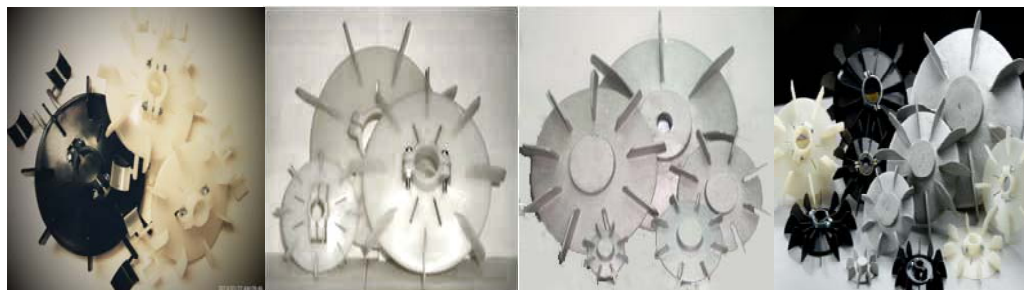
No.	Stock Code	Size (A, Inch)	Shaft Hole (B, MM)	Price /Pc (RM)
1	FBNW04	4	15.00	20.70
2	FBNW05	5	20.00	26.00
3	FBNW06	6	25.00	31.10
4	FBNW07	7	30.00	36.20
5	FBNW08	8	35.00	41.40
6	FBNW09	9	40.00	46.60
7	FBNW10	10	50.00	90.50
8	FBNW11	11	55.00	99.60
9	FBNW12	12	60.00	108.60

- * The Nylon Motor Fan Blade is designed to meet the needs of motor repair industry. Each fan blade comes with interchangeable collars to fit a wide range of shaft sizes. It is stronger, boasting improved quality and heat resistance up to 180°C.
- * Applications: Working hand in hand with a rotating device, the motor fan blade's primary function is to act as the principal cooling system to dissipate heat from a working electrical motor.

ALUMINIUM MOTOR FANS (ASIA & CROMPTON TYPE)

No.	Stock Code	Size (A, Inch)	Bore Size (B, MM)	Price /Pc (RM)
1	FBA03	3 (C)		17.10
2	FBA04	4 (C)	35	23.30
3	FBA05	5 (C)	40	28.50
4	FBA06	6 (C)	45	34.15
5	FBA07	7 (C)	50	39.90
6	FBA08	8 (C)	57	45.50
7	FBA09	9 (C)	60	51.20
8	FBA10	10 (C)	70	77.70
9	FBA11	11 (C)	82	85.30
10	FBA11	11 (C)	90	156.40
11	FBA12	12 (C)	81	93.10
12	FBA12	12 (C)	90	170.60
13	FBA13	13 (C)	99	117.65
14	FBA13	13 (C)	100	201.70
15	FBA14	14 (C)	101	126.70
16	FBA14	14 (C)	100	217.20
17	FBA15	15 (C)	103	135.70
18	FBA15	15 (C)	100	232.70
19	FBA16	16 (C)	106	186.10
20	FBA16	16 (C)	100	268.90
21	FBA17	17 (C)	104	197.80
22	FBA18	18 (C)	108	255.90

- * Aluminium Motor Fan Blade is designed to meet the needs of motor repair industry where a nylon fan is insufficient to meet their requirements.
- * Applications: Working hand in hand with a rotating device, the motor fan blade's primary function is to act as the principal cooling system to dissipate heat from a working electrical motor.



ELECTRIC MOTOR PARTS & ACCESSORIES



ANTI CONDENSATION HEATER TAPES (Made In England)

Flexible Motor Heating Tape, 230V

No.	Stock Code	Length (IN)	Length (MM)	Volts	Watts	Price/Pc (RM)
1	THT2-0305025	12"	305	230V	25W	304.00
2	THT2-0432025	17"	432	230V	25W	327.00
3	THT2-0686021	27"	686	230V	21W	349.00
4	THT2-0686040	27"	686	230V	40W	349.00
5	THT2-0762026	30"	762	230V	26W	359.00
6	THT2-1016042	40"	1016	230V	42W	391.00
7	THT2-1067054	42"	1067	230V	54W	414.00
8	THT2-1473065	58"	1473	230V	65W	437.50
9	THT2-1702099	67"	1702	230V	99W	458.30
10	THT2-1850100	73"	1850	230V	100W	735.00



- * These heater tapes provide protection against moisture / condensation within rotating electrical equipment.
- * Applications: Typical application would be electric motors, generators and alternators that operate in damp or wet conditions.



PTC THERMISTORS (Made In England)

Thermistors Wire (Triple)

No.	Stock Code	Temperature (°C)	Lead Colour	Price/Set (RM)
1	TW080C	80°C	White / White	155.10
2	TW090C	90°C	Green / Green	174.50
3	TW100C	100°C	Red / Red	194.00
4	TW110C	110°C	Red / Red	213.30
5	TW120C	120°C	Black / Yellow	232.80
6	TW130C	130°C	Blue / Yellow	252.10
7	TW150C	150°C	Black / Yellow	290.80
8	TW160C	160°C	Red / Blue / Yellow	310.40
9	TW180C	180°C	White / Red	349.00



- * A PTC (Positive Temperature Coefficient) thermistor is a semiconductor of endowed, polycrystalline barium titanate ceramic, whose electrical resistance rapidly increases when a certain temperature is exceeded. The reproducible change of resistance vs. temperature is utilised to activate for example trip relays. The result is a defined temperature control of a variety of electrical equipment and used to switch off load current.
- * Applications: PTC thermistors are mainly used as motor protection thermistors, which are set in the winding of electrical motors, generators and transformers.



THERMAL CUT OUTS (Made In England)

No.	Stock Code	Temperature (°C)	Type	Price/Set (RM)
1	TC0100C	100°C	NC	108.60
2	TC0110C	110°C	NC	118.90
3	TC0120C	120°C	NC	130.60
4	TC0130C	130°C	NC	141.10
5	TC0150C	150°C	NC	162.40



- * The main component of this device is a temperature influenced thermo bimetal disc with double contacts will open/close a circuit when the required response temperature is reached. When current goes through the bimetal disc, a combination of current and temperature sensitivity is achieved. Heat is transmitted from all sides via convection, radiation in gaseous or solid media. The rhomboid surface conducts heat directly onto the bimetal snap disc; therefore the device is also suitable as surface temperature detector.
- * Applications: Suitable to be used as a controlling device for electrical applications that would require a controlled thermal condition.

ELECTRIC MOTOR PARTS & ACCESSORIES



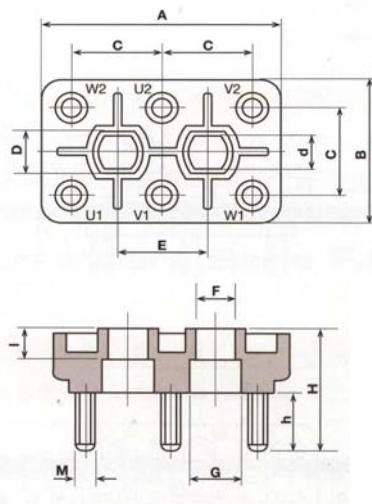
TB MOTOR TERMINAL BLOCK (Made In Italy)

No.	Stock Code	Size	H	M	Price/Set (RM)
1	TB040025	40MM X 25MM	20MM	M3	27.20
2	TB050032	50MM X 32MM	22MM	M4	31.10
3	TB056036	56MM X 36MM	27MM	M5	37.50
4	TB070045	70MM X 45MM	31MM	M6	77.00
5	TB082052	82MM X 52MM	39MM	M7	142.20
6	TB095060	95MM X 60MM	47MM	M8	152.50
7	TB115070	115MM X 70MM	50MM	M10	297.30
8	TB125080	125MM X 80MM	58MM	M12	429.30
9	TB145090	145MM X 90MM	67MM	M14	762.50
10	TB165100	165MM X 100MM	78MM	M16	872.50
11	TB240150	240MM X 150MM	105MM	M20	1207.10



* Terminal Blocks provide a convenient means of connecting individual electrical wires, mainly used to connect wiring among various items of equipments. Being of robust build and having a wide range of readily available sizes, terminal blocks are one of the most flexible types of electrical connector in used in the industry. All terminal blocks come complete with nuts, washers and links.

- Applications: Useful in applications such as asynchronous single phase motors and other electrical applications.



Model	A	B	C	D	d	E
TB040025	40	25	15	8.5	4.0	12-18
TB050032	50	32	18	9.5	5.5	15-21
TB056036	56	36	20	9.5	5.5	16-23
TB070045	70	45	25	10.5	6.5	23-28
TB095060	95	60	35	16.0	7.5	29-39
TB115070	115	70	45	16.0	10.0	40-47
TB125080	125	80	45	16.0	11.0	40-49
TB145090	145	90	54	24.0	14.0	46-61
TB165100	165	100	62	23.0	13.0	52-74
TB240150	240	150	90	30.0	17.0	84-95

Model	F	G	H	h	I	M
TB040025	7.0	8.5	20	10	5	M3
TB050032	6.0	9.5	22	12	6	M4
TB056036	7.5	11.5	27	15	8	M5
TB070045	9.5	13.0	31	16	9	M6
TB095060	12.0	19.0	47	23	14	M8
TB115070	14.0	19.0	50	28	14	M10
TB125080	15.0	19.0	58	32	15	M12
TB145090	22.0	32.0	67	36	17	M14
TB165100	23.0	30.0	78	40	28	M16
TB240150	22.0	35.0	105	56	32	M20

TECO MOTOR TERMINAL BLOCK (Made In Taiwan)

No.	Stock Code	W	H	CH	Motor Type	Price/Pc (RM)
1	TBCH069	38MM	18MM	70MM	3 HP	126.40
2	TBCH113	58MM	25MM	113MM	7.5-30HP	153.80
3	-	115MM	35MM	180MM	40-60 HP	258.50
4	-	125MM	63MM	230MM	100 HP	633.30

WELDING STUD (Made In China)

No.	Stock Code	Description	Price/Pc (RM)
1	MWSD0950	9.50MM WELDING SET STUD	38.80
2	MWSD1250	12.50MM WELDING SET STUD	44.00



TECO MOTOR TERMINAL BLOCK



WELDING STUD

ELECTRIC MOTOR PARTS & ACCESSORIES

CENTRIFUGAL SWITCHES (Made In China)

No.	Stock Code	Model	Price/Pc (RM)
1	SWC2HP	19 304P (2HP – BLUE)	TBC
2	SWCS113	CS 113	58.20
3	SWCS214	CS 214 (BOTTOM CONTACT)	58.20
4	SWCS216	CS 216 (TOP CONTACT)	58.20
5	SWCSL19	19 152S (1-2HP – BLACK)	TBC
6	SWCYC90BLK	YC90 – BLACK	TBC
7	SWCYC90BLU	YC90 – BLUE	TBC
8	-	14 204Y	TBC
9	-	17 152Y	TBC
10	-	19 204Y	TBC
11	-	19 304-3	TBC
12	-	19 304Y	TBC
13	-	22 204Y	TBC
14	-	27 204Y	TBC
15	-	34 304Y	TBC
16	-	CS 101	TBC
17	-	CS 105	TBC
18	-	CS 304	TBC
19	-	G 109	TBC
20	-	G 135	TBC
21	-	G17 152S	TBC
22	-	YC 90	TBC
23	-	YC 100	TBC
24	-	Crompton Motor Type	TBC
25	-	Hitachi G104	TBC

* A centrifugal switch is an electric switch that operates using the centrifugal force created from a rotating shaft, most commonly that of an electric motor. The switch is designed to activate or deactivate according to the rotational speed of the shaft.

* Applications: These are most commonly used in single phase, split-phase induction motor where the switch is used to disconnect the starting winding of the motor once normal operating speed is achieved.

CENTRIFUGAL SWITCHES

					
19 304P (2HP – Blue)	CS 113	CS 214 (Bottom Contact)	CS 216 (Top Contact)	19 152S (1-2HP – Black)	YC 90 (New) Blue
					
14 204Y	17 152Y	19 204Y	19 304-3	19 304Y	22 204Y
					
27 204Y	34 304Y	CS 101	CS 105	CS 304	G 109
					
G 135	G17 152S	YC 90	YC 100	Crompton Motor Type	Hitachi G104
					
ROTARY BODY					

RUNNING/LIGHTING & ACCESSORIES


ITALFARAD/COMAR CAPACITORS (Made In Italy)

AC Motor Running Capacitors (Cap Included) 450VAC



No.	Stock Code	Size (MFD)	OD X H (mm)	Pcs/Ctn	Price/Pc (RM)
1	CIF404.0	4.00 μ F	28 X 56	100	12.30
2	CIF405.0	5.00 μ F	28 X 56	100	13.45
3	CIF406.0	6.00 μ F	28 X 56	100	14.60
4	CIF407.0	7.00 μ F	32 X 56	100	15.25
5	CIF408.0	8.00 μ F	32 X 56	100	15.80
6	CIF410.0	10.00 μ F	36 X 58	100	18.10
7	CIF412.0	12.00 μ F	36 X 70	100	19.90
8	CIF412.5	12.50 μ F	36 X 70	100	20.40
9	CIF415.0	15.00 μ F	36 X 70	100	26.25
10	CIF416.0	16.00 μ F	36 X 70	100	27.40
11	CIF420.0	20.00 μ F	40 X 68	80	32.20
12	CIF425.0	25.00 μ F	40 X 93	80	34.40
13	CIF430.0	30.00 μ F	40 X 93	80	41.40
14	CIF435.0	35.00 μ F	45 X 93	63	45.00
15	CIF440.0	40.00 μ F	45 X 93	63	50.15
16	CIF445.0	45.00 μ F	50 X 93	50	53.25
17	CIF450.0	50.00 μ F	50 X 93	48	70.00
18	CIF460.0	60.00 μ F	50 X 93	45	75.85
19	CIF470.0	70.00 μ F	50 X 118	42	87.50
20	CIF480.0	80.00 μ F	55 X 122	42	99.10



* These motor running capacitors are a range of self-healing capacitors, manufactured using a self-extinguishing plastic case filled with resin. This range gives very good electrical reliability together with high mechanical resistance to shock and vibration.

* Applications: For use in running single-phase asynchronous motors and in all general a.c. applications at 50/60Hz.


ITALFARAD/COMAR CAPACITORS (Made In Italy)

Lighting Capacitors 250VAC



No.	Stock Code	Size (MFD)	OD X H (mm)	Pcs/Ctn	Price/Pc (RM)
1	-	3.25 μ F	25 X 57	200	9.05
2	-	6.3 μ F	30 X 57	200	9.70
3	-	7.5 μ F	30 X 57	200	11.00
4	-	8 μ F	30 X 70	200	11.65
5	CIF210.0	10 μ F	30 X 70	100	13.00
6	-	12.5 μ F	30 X 70	100	14.25
7	-	15 μ F	40 X 70	100	16.20
8	CIF216.0	16 μ F	40 X 70	100	20.70
9	CIF220.0	20 μ F	40 X 70	150	22.00
10	CIF225.0	25 μ F	40 X 94	150	23.30
11	CIF230.0	30 μ F	40 X 94	120	26.00
12	-	35 μ F	45 X 94	100	29.10
13	-	40 μ F	45 X 94	50	33.00
14	-	50 μ F	50 X 94	50	45.25



* These capacitors utilize metalized polypropylene dielectric which has inherent self healing properties. Intended for parallel compensation applications, these capacitors are able to solve any power factor correction problem in lighting applications.

* Applications: Suitable to be used in fluorescent fittings, street lanterns and other High Intensity Discharge (HID) lamps in parallel connection.

AUTOMATIC VOLTAGE REGULATOR

AUTOMATIC VOLTAGE REGULATOR (AVR)

No.	Stock Code	Model	AC Input (V)	DC Output (V)	DC Output (A)	Price / Pc (RM)
1	-	PS 2	200 – 240	3 – 105	5 – 8	TBC
2	AVRR41168	R4 1168	200 – 240	3 – 85	5	TBC
3	AVRR4V3	R4 VERSION 3	200 – 240	3 – 85	5	983.00
4	AVRT08	T8	200 – 240	4 – 75	10	TBC
5	AVRT80	T80	200 – 240	4 – 75	15	1242.00
6	AVRUB88	UB 88	200 – 240	2 – 85	3 – 7	855.00
7	AVRUB89	UB 89	200 - 240	2 – 85	3 – 7	855.00

Specification of Automatic Voltage Regulator * Especially for Generator *

A.V.R TYPE	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	SIZE	WEIGHT	FUSE	REMARK
T80 V.2	200-240AC	3-85DC	10-15A	190x190MM	390g	15A	SYNCHRONIZING
R.4 1168	200-240AC	3-85DC	5-8A	180x140MM	200g	5A	
R.4 V3.0	200-240AC	3-85DC	5-8A	180x140MM	210g	5A	SYNCHRONIZING
UB.88	220-240AC	2-85DC	3-7A	150x103MM	150g	5A	
UB.89	220-240AC	2-85DC	3-7A	150x103MM	160g	5A	
PS-2	200-240AC	3-105DC	8A	140x85MM	130g	5A	
T.8	200-240AC	3-85DC	5-10A	182x142MM	280g	10A	SYNCHRONIZING



AUTOMATIC VOLTAGE REGULATOR (AVR) (Made In China)

No.	Stock Code	Model	AC Input (V)	DC Output (V)	DC Output (A)	Price / Pc (RM)
1	-	CF-8A	100 – 260	90	5	285.00
2	-	CF-12A6P	180 – 260	90	7	390.00
3	-	CF-12A8P	180 – 260	90	7	390.00
4	-	CF-15A	180 – 240	90	12	647.00

* A voltage regulator is an electrical regulator designed to automatically maintain a constant voltage level. These devices provide a brownout protection and surge suppression in a single cost effective unit that also correct for overvoltage.

* Applications: Suitable for use in for most electrical equipments especially for powering voltage sensitive equipment that experience voltage fluctuations during load changes.



CF – 8A

SPECIFICATIONS

Sensing Input Voltage 110/220/400VAC, 1phase2wire
 Power Input Voltage 100~260VAC, 1phase2wire
 Output Voltage [Max. 90VDC@240VACinput](#)
 Current Continuous 3A
 Intermittent 5A for 10SEE
 Resistance Min.15 / Max.100

Volts Regulation < 1% (with 4% engine governing)



CF – 12A(6P)

SPECIFICATIONS

Sensing Input Voltage 180~260VAC, 1phase2wire
 Power Input Voltage 180~260VAC, 1phase2wire
 Output Voltage [Max. 90VDC@240VACinput](#)
 Current Continuous 4A
 Intermittent 7A for 10SEE
 Resistance Min.12 / Max.100

Volts Regulation < 1% (with 4% engine governing)



CF – 12A(8P)

SPECIFICATIONS

Sensing Input Voltage 180~260VAC, 1phase2wire
 Power Input Voltage 180~260VAC, 1phase2wire
 Output Voltage [Max. 90VDC@240VACinput](#)
 Current Continuous 4A
 Intermittent 7A for 10SEE
 Resistance Min.12 / Max.100

Volts Regulation < 1% (with 4% engine governing)



CF – 15A

SPECIFICATIONS

Sensing Input Voltage 220~400VAC, 1phase2wire
 Power Input Voltage 180~240VAC, 1phase2wire
 Output Voltage [Max. 90VDC@240VACinput](#)
 Current Continuous 6A
 Intermittent 12A for 10SEE
 Resistance Min.10 / Max.100

Volts Regulation < 0.5%++ (with 4% engine governing)

SOLDERING LEADS & BARS

SOLDERING IRON (Made In China)

No.	Stock Code	Size (W)	Voltage	Price/Pcs (RM)
1	MSI100W	100 W	250V	TBC
2	MSI150W	150 W	250V	93.10
3	MSI200W	200 W	250V	119.00
4	MSI300W	300 W	250V	196.50
5	MSI500W	500 W	250V	TBC

* A soldering iron, made of heated metal tip and insulated handle, is a device for applying heat to melt solder for attaching two metal parts.

* Applications: For use in electrical work, soldering of wires to printed circuit boards, other wires or small terminals.



FINNEX Soldering Lead (In Rolls) & FINNEX Soldering Bars

No.	Stock Code	Composition Sn/Pb	Size (MM)	Packing (Kg)	Price/Pcs (RM)
1	MSL4060-080	40/60%	0.80	250g	60.75
2	MSL4060-120	40/60%	1.20	250g	58.20
3	MSL4060-160	40/60%	1.60	250g	58.20
4	MSL4060-200	40/60%	2.00	250g	58.20
5	MSL6040-080	60/40%	0.80	250g	60.75
6	MSL6040-120	60/40%	1.20	250g	58.20
7	MSL6040-160	60/40%	1.60	250g	58.20
8	MSL6040-200	60/40%	2.00	250g	58.20
9	-	60/40%	-	1 Kg	TBC
10	-	50/50%	-	1 Kg	TBC
11	-	30/70%	-	1 Kg	TBC
12	-	30/70% (with anti Monia)	-	1 Kg	TBC

* Soldering lead is a fusible metal alloy conductor with a melting point or melting range of 180°C to 190°C, used in soldering where it is melted to join metallic surfaces.

* Applications: For use in electrical work, soldering of wires to printed circuit boards, other wires or small terminals.

		
Soldering Iron	Soldering Lead	Soldering Bar

ISOLEX HAND HELD ROTARY ENAMEL STRIPPER & STRIPPERS MACHINE BLADES (Made In England)

No.	Stock Code	Model	Price/Set (RM)
1	MSMB	ISOLEX STRIPPERS MACHINE BLADES	TBC
2	MSMC	ISOLEX HAND WIRE STRIPPER 240V	11750.00
3	MSMCHN	CHINA HAND WIRE STRIPPER 240V	1163.50

* This is an electrically driven enamel stripping machine with manual operation for stripping of varnished wire. Its built comprises a motor unit and a knife head which is equipped with 3 hard knives.

* Applications: The machine is designed for use in stripping of wire enamel off insulated wires.

		
ISOLEX Hand Wire Stripper 240V	ISOLEX Stripper Machine Blades	CHINA Hand Wire Stripper 240V

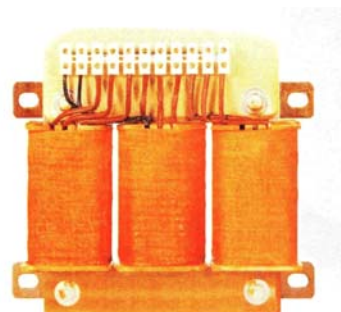
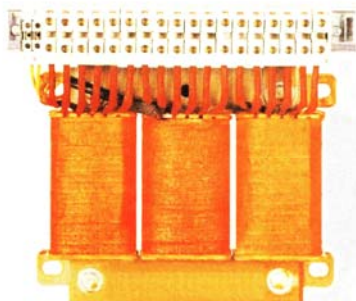
AUTO TRANSFORMER & POWER TRANSFORMER



RELCO/YOKOYAMA AUTO TRANSFORMER – FOR MOTOR STARTING
DUTY – MAX 8 STARTS PER HOUR

No.	KW	Size (MM) Aluminium	Tapping % Aluminium	Size (MM) Copper	Size (MM) Copper	Thermostat
1	3.75KW	210x220x95	70	210X220X95	70	Optional
2	5.50KW	210x220x110	70	210X220X95	70	Optional
3	7.50KW	210x220x110	70	210X220X110	70	Optional
4	11.00KW	220x245x110	70	220X245X110	70	Optional
5	15.00KW	230x245x140	50-60-75	230X245X140	40-50-60-75	1
6	18.50KW	230x245x140	50-60-75	230X245X140	40-50-60-75	1
7	22.00KW	260x270x140	40-50-60-75	260X270X140	40-50-60-75	1
8	30.00KW	260x270x145	40-50-60-75	260X270X145	40-50-60-75	1
9	37.50KW	260x270x155	40-50-60-75	260X270X155	40-50-60-75	1
10	45.00KW	290x315x170	50-60-75	260X280X160	40-50-60-75	1
11	56.00KW	290x315x175	50-60-75	290X315X175	40-50-60-75	1
12	66.00KW	320x340x195	50-60-75	290X315X185	40-50-60-75	1
13	80.00KW	320x340x200	50-60-75	320X340X200	40-50-60-75	1
14	94.00KW	320x340x205	50-60-75	320X340X205	40-50-60-75	1
15	110.00KW	330x380x220	50-60-75	330X380X220	40-50-60-75	1
16	132.00KW	330x380x230	50-60-75	330X380X225	40-50-60-75	1
17	150.00KW	400x390x290	50-65-75	400X390X280	50-65-75	3
18	180.00KW	400x390x300	50-65-75	400X390X290	50-65-75	3
19	200.00KW	400x390x300	50-65-75	400X390X290	50-65-75	3

- * An autotransformer is an electrical transformer with only one winding. Depending on configuration, they can have a variable number of electrical connection points called taps. Each tap correspond to a different source or load voltage. In an autotransformer, a portion of the same winding effectively acts as part of both the primary and secondary winding.
- * Applications: They are commonly used in power applications to interconnect systems operating at different voltage classes.



RELCO POWER TRANSFORMER



- * Applications: Transformer are universally accepted and widely used to protect sensitive electronic controlled machines from breakdown such as industrial robot, CNC machines, Broad casting equipment, Medical equipment, Printing & Photographic processing equipment, SMT machines, Variable speed drives, Inverters, main frame computer, uninterruptible Power supply, DC Power rectification, Industrial Processing plant and petrochemical processing plant.



About Andeli

Andeli Group Co., Ltd, founded in 1993, is located in the largest manufacturing base of low-voltage electric equipment of Liushi China, which is called "the Electric Device Metropolis of China".

Andeli Group Co., Ltd is a leading group in the electrical industry, with production, scientific research, transport, import and export trade, investment. We are a big group without regional limited, cross-industrial in China. Andeli owns 12 share holding companies in Shanghai, Hunan, Zhejiang, UAE and over 300 cooperating companies. Andeli has over 3000 workers with total assets of USD150,000,000 in 235,000 square meters. "ANDELI" trademark is identified as one of the Chinese well-know trademarks.

Andeli regards quality of products as life. We have passed ISO9001:2000 Quality Management System, Mesure Detection System, Standardization System Certification and "CCC" for all products in the market. We have also passed ROHS, CE, CB, SIMKO, KEMA and so on international certifications. We produce and widely sell over 300 series, more than 10000 types in high-and-low voltage electrical device, complete equipment, power transformer, cable and wire, instrument and meter, welding equipment, which are praised by all users. A number of new independent intellectual property right, intelligent appliances is moving into the market.

We are keeping our business principles for "Approaching the first-class management, producing the first-class products, providing the first-class service". All Andeli staffs are working hard and constantly innovate. Honest Andeli are welcome to all users to fighting a better tomorrow hand in hand.



ANDELI BUSBAR SUPPORT

Stock Code	Description	Pcs / Box	Pcs / Ctn	Price /Pc (RM)
KC6-SM-25	SM 25 BUSBAR SUPPORT	20	500	2.35
KC6-SM-35	SM 35 BUSBAR SUPPORT	20	300	3.70
KC6-SM-51	SM 51 BUSBAR SUPPORT	10	200	5.10
KC6-SM-76	SM 76 BUSBAR SUPPORT	10	80	10.20

Values	SM-25	SM-30	SM-35	SM40	SM-51	SM-76
Tensile strength (1 bs)	500	550	600	650	1000	1500
Tongue strength (ft 1 bs)	6	8	10	10	20	40
Voltage withstand (kv)	6	8	10	12	15	25
Screw (mm)	6	8	8	8	8	10
Weight (g)	28	44	50	86	83	233

**ANDELI POWER SUPPLY**

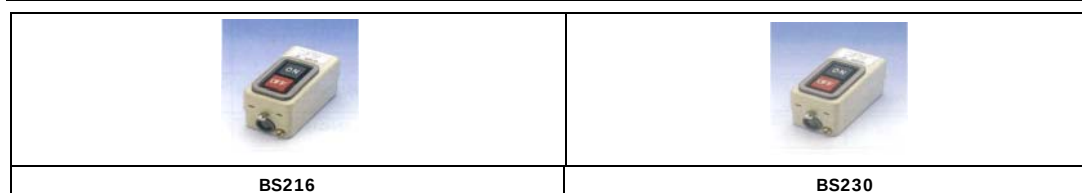
Stock Code	Description	Size (mm)	Price /Pc (RM)
KC6-SS-35-12	SS-35-12 OUTPUT 12VDC 3.0A POWER SUPPLY	129 x 98 x 38	79.00
KC6-SS-50-12	SS-50-12 OUTPUT 12VDC 4.2A POWER SUPPLY	159 x 97 x 38	100.00
KC6-SS-100-12	SS-100-12 OUTPUT 12VDC 8.5A POWER SUPPLY	199 x 98 x38	132.00
KC6-SS-150-12	SS-150-12 OUTPUT 12VDC 12.5A POWER SUPPLY	199 x 110 x 50	195.00
KC6-SS-201-12	SS-201-12 OUTPUT 12VDC 16.5A POWER SUPPLY	215 x 115 x 50	258.00
KC6-SS-35-24	SS-35-24 OUTPUT 24VDC 1.5A POWER SUPPLY	129 x 98 x 38	82.00
KC6-SS-50-24	SS-50-24 OUTPUT 24VDC 2.1A POWER SUPPLY	159 x 97 x 38	100.00
KC6-SS-100-24	SS-100-24 OUTPUT 24VDC 4.5A POWER SUPPLY	199 x 98 x 38	132.00
KC6-SS-150-24	SS-150-24 OUTPUT 24VDC 6.5A POWER SUPPLY	199 x 110 x 50	195.00
KC6-SS-320-24	SS-320-24 OUTPUT 24VDC 12.5A POWER SUPPLY	215 x 115 x 50	322.00
KC6-SS-350-24	SS-350-24 OUTPUT 24VDC 14.6A POWER SUPPLY	215 x 115 x 50	337.00

**ANDELI MINI CONTACTOR**

Stock Code	Description	Price /Pc (RM)
KC6-K9-240V	K09 20A 5.5HP 1NO 240V MINI CONTACTOR	40.10

ANDELI POWER PUSH BUTTON SWITCH

Stock Code	Description	Pcs / Ctn	Price /Pc (RM)
KC6-BS216	15A 3POLE 2.2KW POWER PUSH BUTTON SWITCH	100	11.00
KC6-BS230	30A 3POLE 3.7KW POWER PUSH BUTTON SWITCH	100	14.00



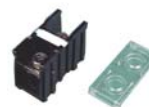
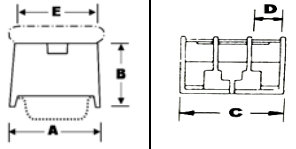
ANDELI TERMINAL BLOCK

Stock Code	Description	Pcs / Box	Price /Pc (RM)
KC6-TB-1503	15A 3 Pole Terminal Block	100	2.90
KC6-TB-1504	15A 4 pole Terminal Block	100	3.40
KC6-TB-1506	15A 6 Pole Terminal Block	100	4.50
KC6-TB-1512	15A 12 Pole Terminal Block	50	9.50
KC6-TB-2503	25A 3 Pole Terminal Block	50	4.40
KC6-TB-2504	25A 4 Pole Terminal Block	50	4.70
KC6-TB-2506	25A 6 Pole Terminal Block	50	5.80
KC6-TB-2512	25A 12 Pole Terminal Block	25	10.60
KC6-TC-604	60A 4 Pole Terminal Block	5	19.50
KC6-TC-1004	100A 4 Pole Terminal Block	5	37.00
KC6-TC-2004	200A 4 Pole Terminal Block	2	78.00
KC6-TC-3004	300A 4 Pole Terminal Block	1	167.00
KC6-TC-4004	400A 4 Pole Terminal Block	1	212.00

		
15A 6 Pole Terminal Block	25A 12 Pole Terminal Block	60A 4 Pole Terminal Block

ANDELI DIN RAIL TERMINAL BLOCK C/W COVER

Stock Code	Description	Pcs / Box	Price /Pc (RM)
KC6-IN-12BK	IN-12BK 20A 2 Poles Terminal Block c/w Cover	20	3.50
KC6-IN-13BK	IN-13BK 20A 3 Poles Terminal Block c/w Cover	16	4.20
KC6-IN-20BK	IN-20BK 30A 3 Poles Terminal Block c/w Cover	12	6.50
KC6-IN-30BK	IN-30BK 50A 3 Poles Terminal Block c/w Cover	8	11.50
KC6-IN-411	IN-411S 60A 1 Poles Terminal Block c/w Cover	20	5.00
KC6-IN-60BK	IN-60BK 90A 1 Poles Terminal Block c/w Cover	10	8.00
KC6-IN-100BK	IN-100BK 130A 1 Poles Terminal Block c/w Cover	5	14.00
KC6-IN-200BK	IN-200K 240A 1 Poles Terminal Block c/w Cover	5	32.00

				
IN-12BK	IN-13BK	IN-411S	IN-200K	Dimension

ITEM NO.	RATINGS			DIMENSIONS IN MM				
	POLE	SIZE	AMP (MAX)	A	B	C	D	E
IN 12BK	2P	2 MM ²	20A	40	30	20	8	37
IN 13BK	3P	2 MM ²	20A	40	30	25	6.7	37
IN 20BK	3P	3.5 MM ²	30A	40	30	35	9.7	37
IN 30BK	3P	8 MM ²	50A	45	34	43	12.2	48
IN 411S	1P	14 MM ²	60A	45	34	15.5	13.5	48
IN 60BK	1P	22 MM ²	90A	56	38	22	17	56
IN 100K	1P	38 MM ²	130A	75	45	32	24	73.5
IN 200K	1P	100 MM ²	240A	86	57	39	31	86.5
IN 400K	1P	200 MM ²	370A	125	73	62	52.3	126

ANDELI FLOAT SWITCH

Stock Code	Description	Pcs / Ctn	Price /Pc (RM)
KC6-FL2	FL2 2MTR Float Switch	30	37.00
KC6-FL5	FL2 5MTR Float Switch	20	55.50
KC6-FL7	FL2 7MTR Float Switch	20	69.00
KC6-FL10	FL2 10MTR Float Switch	16	85.00

ANDELI FOOT SWITCH

Stock Code	Description	Price /Pc (RM)
KC6-SFMP-1M	SFMP-1M(VFS-302) Foot Switch (Metal BODY)	100.00
KC6-FS2	FS2 (VFS-201) Foot Switch (PVC BODY)	32.50
KC6-FS3	FS3 (VFS-101) Foot Switch (METAL BODY)	36.00
KC6-KH8012	KH8012 (VFS-610) Foot Switch (PVC BODY)	18.00

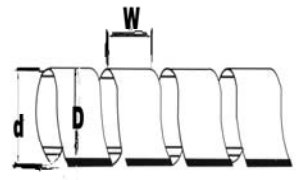
ANDELI WARNING LIGHT

Stock Code	Description	Pcs / Ctn	Price/Pc (RM)
KC6-LET-1101	4" Warning Light 110/ 240VAC , 12 / 24VDC (R, Y, B, G)	30	40.00
KC6-LED-1101	4" LED Warning Light 240VAC (R, Y, B, G)	20	96.00

					
FL2/5/7/10	SFMP-1M/MP	FS2/FS3/FS3A	KH8012	LET-1011	LED-1101

ANDELI SPIRAL WRAPPING BAND (Material: Made from PE)

Stock Code	Description	Colour	Roll / Ctn	Price /Pc (RM)
KC6-CHS-6	6MM (10 METER) SPIRAL WRAPPING BAND	(WHITE)	125	4.50
KC6-CHS-8	8MM (10 METER) SPIRAL WRAPPING BAND	(WHITE)	80	6.50
KC6-CHS-10	10MM (10 METER) SPIRAL WRAPPING BAND	(WHITE)	50	9.50
KC6-CHS-12	12MM (10 METER) SPIRAL WRAPPING BAND	(WHITE)	40	12.00
KC6-CHS-15	15MM (10 METER) SPIRAL WRAPPING BAND	(WHITE)	25	15.50
KC6-CHS-19	19MM (10 METER) SPIRAL WRAPPING BAND	(WHITE)	20	23.00
KC6-CHS-24	24MM (10 METER) SPIRAL WRAPPING BAND	(WHITE)	10	33.00

	Item No	d(mm)	D(mm)	W(mm)	Wrapping Range (mm)	Packing
	KC6-CHS-6	4	6	7.0	4-50	10M-ROLL
	KC6-CHS-8	6	8	10.8	6-60	
	KC6-CHS-10	7.5	10	11.4	7.5-60	
	KC6-CHS-12	9	12	13.9	9-65	
	KC6-CHS-15	12	15	15.0	12-75	
	KC6-CHS-19	15	19	18.2	15-100	
	KC6-CHS-24	20	24	19.6	20-130	

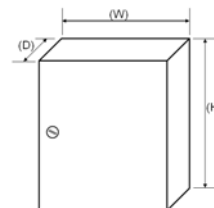
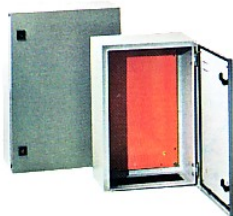
ANDELI CONTROL COMPONENTS

Stock Code	Description	Pcs / Box	Price /Pc (RM)
KC6-AD58B-50-240V	AD58B-50-240V 22mm SEQUENTIAL BUZZER C/W LED	10	24.50
KC6-AD58B-50-24V	AD58B-50-24V 22mm SEQUENTIAL BUZZER C/W LED	10	24.50
KC6-AD16-22DS*	AD16-22DS 22mm LED PILOT LAMP (RED,YELLOW,GREEN)	10	4.70
KC6-AD16-22DS*	AD16-22DS 22mm LED PILOT LAMP (BLUE,WHITE)	10	5.80
KC6-SB7-EV	AD16-22DS 22mm PILOT LAMP	10	4.00
* Remark: 240VAC, 110VAC, 24V & 12V AVAILABLE			
KC6-SB7-EA	SB7-EA 22mm 2T PUSH BUTTON (RED, GREEN)	10	4.20
KC6-SB2-EA	SB7-EV 22mm 2T PUSH BUTTON (R,G,Y,B,BLK) (ASSEMBLY)	20	6.40
KC6-SB2-EW	SB7-EA 22mm PUSH BUTTON SW	20	14.50
KC6-SB2-EC	SB2-EC 22mm 2T MUSHROOM PUSH BUTTON SW W/O	15	9.00
KC6-SB2-ES542	SB2-ES542 22mm 1B MUSHROOM PUSH BUTTON SW	15	11.50
KC6-SB2-BS542	SB2-BS542 22mm 1B METAL GUARD MUSHROOM PBSW	15	16.00
KC6-SB2-BR42	SB2-BR42 22mm MUSHROOM 60mm HEAD PUSH BUTTON	10	24.00
KC6-SB2-ED21	SB2-ED21 22mm 1A 2 POSITION SELECTOR SWITCH	20	8.10
KC6-SB2-ED33	SB2-ED33 22mm 2A 3 POSITION SELECTOR SWITCH	20	11.50
KC6-SB2-ED41	SB2-ED41 22mm 1A 2 POSITION SELECTOR SWITCH	20	11.50
KC6-SB2-ED53	SB2-ED53 22mm 2A 3 POSITION SELECTOR SWITCH	20	14.80
KC6-SB2-EG21	SB2-EG21 22mm 1A 2 POSITION STAY PUT KEY SWITCH	20	26.50
KC6-SB2-EG33	SB2-EG33 22mm 2A 3 POSITION STAY PUT KEY SWITCH	20	32.00
KC6-SB2-BE101	SB2-BE101 NO CONTACT BLOCK FOR SB2	175	3.90
KC6-SB2-BE102	SB2-BE102 NC CONTACT BLOCK FOR SB2	175	3.90

AD 58B-50 (Buzzer)	AD16-22DS	SB7-EV	SB7-EA42	SB2-EA
SB2-EA	SB2-EW	SB2-BW3471	SB2-ES542	SB2-BS542
SB2-BS142	SB2-BR42	SB2-ED21/ED33/ED41/ED53	SB2-EG21/EG33	SB2-BE Contact Block

ANDELI METAL ENCLOSURE BOX C/W MOUNTING BASE PLATE (IP56)

Stock Code	Thickness	Metal Box Dimension (INCH)			Metal Box Dimension (MM)			Price /Pc (RM)
		H	W	D	H	W	D	
KC6-MB252015	1.2MM	10	8	6	250	200	150	142.20
KC6-MB302515	1.2MM	12	10	6	300	250	150	165.50
KC6-MB302520	1.2MM	12	10	8	300	250	200	191.30
KC6-MB303015	1.2MM	12	12	6	300	300	150	201.70
KC6-MB303020	1.2MM	12	12	8	300	300	200	227.50
KC6-MB303025	1.2MM	12	12	10	300	300	250	240.40
KC6-MB403015	1.2MM	16	12	6	400	300	150	248.20
KC6-MB403020	1.2MM	16	12	8	400	300	200	261.10
KC6-MB404020	1.2MM	16	16	8	400	400	200	310.40
KC6-MB404025	1.2MM	16	16	10	400	400	250	323.10
KC6-MB504020	1.2MM	20	16	8	500	400	200	382.60
KC6-MB505025	1.2MM	20	20	10	500	500	250	470.50
KC6-MB505030	1.2MM	20	20	12	500	500	300	511.80
KC6-MB605020	1.2MM	24	20	8	600	500	200	586.80
KC6-MB606020	1.2MM	24	24	8	600	600	200	659.20
KC6-MB705025	1.5MM	28	20	10	700	500	250	750.00
KC6-MB806025	1.5MM	32	24	10	800	600	250	1060.00
KC6-MB808025	1.5MM	32	32	10	800	800	250	TBC
KC6-MB1006030	1.8MM	40	24	12	1000	600	300	TBC
KC6-MB1008025	1.8MM	40	32	8	1000	800	250	1615.50
KC6-MB1008030	1.8MM	40	32	12	1000	800	300	TBC
KC6-MB1208030	1.8MM	48	32	12	1200	800	300	TBC
KC6-MB12012030	1.8MM	48	48	12	1200	1200	300	TBC


ANDELI WEATHER PROOF ISOLATING SWITCH

Stock Code	Description	Pcs / Ctn	Price /Pc (RM)
KC6-UKF 3-20	20A 3 Poles Weather Proof Isolating Switches	20	67.00
KC6-UKF 3-35	35A 3 Poles Weather Proof Isolating Switches	20	72.00
KC6-UKF 3-63	63A 3 Poles Weather Proof Isolating Switches	20	78.00



UKF 3-20



UKF 3-35



UKF 3-63

ANDELI RELAY & RELAY BASE

Stock Code	Description	Pcs / Box	Price /Pc (RM)
KC6-MK2P-***V**	MK2PN 8 PIN RELAY C/W NEON	20	16.50
KC6-MK3P-***V**	MK3PN 11 PIN RELAY C/W NEON	20	TBC
KC6-MY2N-***V**	MY2N 8 PIN RELAY C/W NEON	50	12.00
KC6-MY4N-***V**	MY4N 14 PIN RELAY C/W NEON	50	13.00
KC6-LY2N-***V**	LY2N 8 PIN RELAY C/W NEON	50	TBC
KC6-LY4N-***V**	LY4N 14 PIN RELAY C/W NEON	50	TBC

* Remark: 12VDC, 24VDC, 110VAC, 240VAC, 12VAC, 24VAC AVAILABLE.

					
MK2PN	MK3PN	MY2N	MY4N	LY2N	LY4N

Stock Code	Description	Pcs / Box	Price/Pc (RM)
KC6-PF083A-E	PF083A RELAY BASE (FOR MK2P RELAY)	20	3.15
KC6-PF113A	PF113A RELAY BASE (FOR MK3P RELAY)	20	TBC
KC6-PYF08A-E	PYF08A RELAY BASE (FOR MY2 RELAY)	50	6.00
KC6-PYF14A-E	PYF14A RELAY BASE (FOR MY4 RELAY)	50	7.00
KC6-PTF08A-E	PTF08A RELAY BASE (FOR LY2 RELAY)	30	TBC
KC6-PTF14A-E	PTF14A RELAY BASE (FOR LY4 RELAY)	30	TBC

					
PF083A	PF113A	PTF14A	PYF08A-E	PYF14A-E	PTF08A-E

ANDELI CONTROL STATION BOX

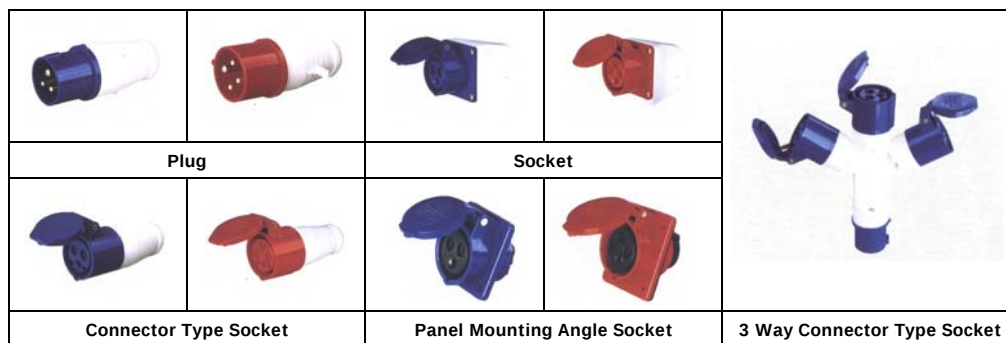
Stock Code	Description	Price /Pc (RM)
KC6-BX-1	ONE HOLE CONTROL STATION BOX	8.60
KC6-BX-2	TWO HOLE CONTROL STATION BOX	9.60
KC6-BX-3	THREE HOLE CONTROL STATION BOX	12.00
KC6-BX-4	FOUR HOLE CONTROL STATION BOX	23.00

					
BX-1 One Hole	BX-2 Two Hole	BX-3 Three Hole	BX-4 Four Hole	Sample of Use for Control Box	



INDUSTRIAL PLUGS & SOCKET (Made In China)

Stock Code	Description	Colour	Pcs / Ctn	Price / Pc (RM)
KC12-P16A3	013 16A 3 Pin Plug	BLUE	120	9.80
KC12-P16A4	014 16A 4 Pin Plug	RED	120	12.50
KC12-P16A5	015 16A 5 Pin Plug	RED	60	15.80
KC12-S16A3	113 16A 3 Pin Socket	BLUE	60	17.00
KC12-S16A4	114 16A 4 Pin Socket	RED	60	19.00
KC12-S16A5	115 16A 5 Pin Socket	RED	60	21.80
KC12-P32A3	023 32A 3 Pin Plug	BLUE	60	16.60
KC12-P32A4	024 32A 4 Pin Plug	RED	60	19.00
KC12-P32A5	025 32A 5 Pin Plug	RED	60	21.30
KC12-S32A3	123 32A 3 Pin Socket	BLUE	60	22.60
KC12-S32A4	124 32A 4 Pin Socket	RED	60	24.10
KC12-S32A5	125 32A 5 Pin Socket	RED	60	26.80
KC12-P63A3	033 63A 3 Pin Plug	BLUE	10	74.00
KC12-P63A4	034 63A 4 Pin Plug	RED	10	82.00
KC12-P63A5	035 63A 5 Pin Plug	RED	10	87.00
KC12-S63A3	133 63A 3 Pin Socket	BLUE	10	100.00
KC12-S63A4	134 63A 4 Pin Socket	RED	10	105.00
KC12-S63A5	135 63A 5 Pin Socket	RED	10	123.00
KC12-P125A4	044 125A 4 Pin Plug	RED	10	335.00
KC12-P125A5	045 125A 5 Pin Plug	RED	10	363.00
KC12-S125A4	144 125A 4 Pin Socket	RED	10	435.00
KC12-S125A5	145 125A 5 Pin Socket	RED	10	448.00
KC12-SC16A3	213 16A 3 Pin Connector Type Socket	BLUE	120	12.50
KC12-SC16A4	214 16A 4 Pin Connector Type Socket	RED	120	13.50
KC12-SC16A5	215 16A 5 Pin Connector Type Socket	RED	60	18.00
KC12-SC32A3	223 32A 3 Pin Connector Type Socket	BLUE	60	18.50
KC12-SC32A4	224 32A 4 Pin Connector Type Socket	RED	60	20.50
KC12-SC32A5	225 32A 5 Pin Connector Type Socket	RED	60	23.70
KC12-SC63A3	233 63A 3 Pin Connector Type Socket	BLUE	10	90.00
KC12-SC63A4	234 63A 4 Pin Connector Type Socket	RED	10	96.00
KC12-SC63A5	235 63A 5 Pin Connector Type Socket	RED	10	123.00
KC12-SP16A3	413 16A 3 Pin Panel Mounting Angled	BLUE	80	20.50
KC12-SP16A4	414 16A 4 Pin Panel Mounting Angled	RED	80	24.60
KC12-SP16A5	415 16A 5 Pin Panel Mounting Angled	RED	80	28.70
KC12-SP32A3	423 32A 3 Pin Panel Mounting Angled	BLUE	80	30.00
KC12-SP32A4	424 32A 4 Pin Panel Mounting Angled	RED	80	33.00
KC12-SP32A5	425 32A 5 Pin Panel Mounting Angled	RED	80	37.00
KC12-ZY-1013	ZY-1013 16A 3 Pin 3 Way Connector	BLUE	20	77.00



FASEN CRIMPING TOOLS & CABLE CUTTER

Stock Code	Description	Price /Pc (RM)
KF2-HS30J	HS30J Crimping Tool For Insulated Ring & Spade Lug (0.5, 1, 1.5, 2.5, 4, 6mm)	78.00
KF2-HS101	HS101 Crimping Tool For Non Ins. Ring Lug & Close End Terminal (0.5, 1, 1.5, 2.5, 4, 6mm)	78.00
KF2-HS03B	HS03B Crimping Tool For Non Ins. Open Plug Connector (0.5, 1, 1.5, 2.5, 4, 6mm)	78.00
KF2-HS05WF	HS05WF Crimping Tool For Ins. Cord End Terminal & Ferrules (0.5, 1, 1.5, 2.5, 4, 6mm)	95.00
KF2-HS6L	HD6L (HS6L) Hand Press crimping Tool (0.5, 1, 1.5, 2.5, 4, 6mm)	70.00
KF2-HS16L	HD16L (HS16L) Hand Press crimping Tool (1.25, 1.5, 2.5, 5.5, 6, 10, 16mm)	78.00
KF2-HS22L	HS22L Hand Press crimping Tool (5.5 ~ 25mm) Lth: 354mm	150.00
KF2-HS38L	HS38L Hand Press crimping Tool (6 ~ 38mm) Lth: 356mm	170.00
KF2-HS125	HS125 125mm Cable Cutter	185.00
KF2-CC325	HS325A Hand Cable Cutter (Max Cutting DIA.22mm)	385.00
KF2-HS-1091	HS1091 5" Stripper & Cutter	17.00
KF2-HS700N	HS700N Wire Stripper(0.5 to 3.2mm)	47.00
KF2-LY-314KR	POST HT-3141 Cutter	33.00
KF2-YQK300	YQK-300 Hydraulic Crimping Tool (10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300mm)	400.70

HS-30J 預絕緣端子和連接器專用鉗 For surge connectors 	HS-101 絕緣端子和連接器專用鉗 For non-insulated cable links 	HS-03B 非絕緣端式，插塞型連接器專用鉗 For non-insulated plugs connectors 4.8-6.3mm 
HS-30J	HS-101	HS-03B
HS-05WF 套管式端接器專用鉗 For wire-end freebies 	HS-6L 樣端子專用(壓后呈點式) Non-insulated cable links 	HS-16 樣端子專用(壓后呈點式) For non-insulated cable links 銅線線徑: 0.5mm 以下, 鋼絲線線徑: 鋼絲線線徑可達 30,000 及以上 
HS-05WF	HS-6L	HS-16L
HS-22L	HS-38L	HS-125
HS-325A	HS-1091	HD5039
HS-700N	HT-3141	YQK-300A
HS-700N	HT-3141	YQK-300A

NYLON CABLE TIE

**NYLON 66, HEATING RESISTING -40°C ~ 80°C,
Erosion Control, UL**

**PHOENIX**

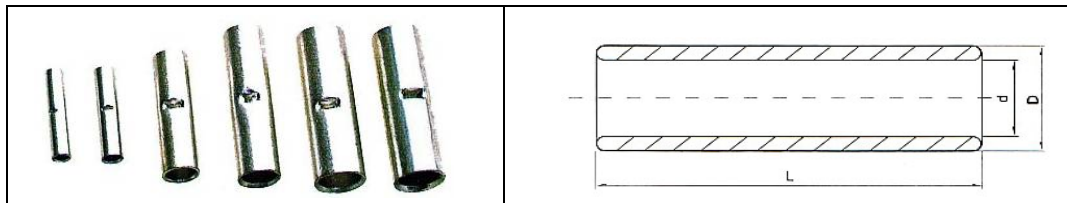
Stock Code	Description	Price / 1000PCS (RM)
KC8-CT100W	4" 100mm X 2.5mm Cable Tie (White)	17.30
KC8-CT150W	6" 150mm X 3.6mm Cable Tie (White)	41.40
KC8-CT200W	8" 200mm X 3.6mm Cable Tie (White)	54.10
KC8-CT200W4.8	8" 200mm X 4.8mm Cable Tie (White)	76.80
KC8-CT250W	10" 250mm X 4.8mm Cable Tie (White)	103.50
KC8-CT300W-5	12" 300mm X 4.8mm Cable Tie (White)	116.40
KC8-CT300W-8	12" 300mm X 7.6mm Cable Tie (White)	284.40
KC8-CT100BK	4" 100mm X 2.5mm Cable Tie (Black)	18.70
KC8-CT150BK	6" 150mm X 3.6mm Cable Tie (Black)	46.60
KC8-CT200BK	8" 200mm X 3.6mm Cable Tie (Black)	60.70
KC8-CT200BK4.8	8" 200mm X 4.8mm Cable Tie (Black)	82.80
KC8-CT250BK	10" 250mm X 4.8mm Cable Tie (Black)	116.40
KC8-CT300BK-5	12" 300mm X 4.8mm Cable Tie (Black)	129.30
KC8-CT300BK-8	12" 300mm X 7.6mm Cable Tie (Black)	382.60
KC8-CT400BK	16" 400mm X 7.6mm Cable Tie (Black)	413.70
KC8-CT450BK	18" 450mm X 7.6mm Cable Tie (Black)	672.20

**PHOENIX****COPPER CABLE LINK (Copper Connecting Tube)**

Stock Code	Description	Dimension in (mm)			Pcs / Box	Price / Pc (RM)
		D	d	L		
KC8-L1.5	1.5MM CABLE LINK	3.7	1.8	20	4000	0.26
KC8-L2.5	2.5MM CABLE LINK	4	2.5	20	3000	0.34
KC8-L4	4.0MM CABLE LINK	4.8	3.1	20	2000	0.38
KC8-L6	6.0MM CABLE LINK	5.5	3.8	25	1200	0.57
KC8-L10	10.0MM CABLE LINK	6.8	4.8	30	800	0.83
KC8-L16	16.0MM CABLE LINK	7.5	5.5	35	500	1.00
KC8-L25	25.0MM CABLE LINK	9	7	40	500	1.30
KC8-L35	35.0MM CABLE LINK	10.5	8.1	45	300	2.12
KC8-L50	50.0MM CABLE LINK	12.5	9.8	50	200	3.15
KC8-L70	70.0MM CABLE LINK	14.5	11.5	55	150	4.70
KC8-L95	95.0MM CABLE LINK	17.5	13.5	60	100	7.00
KC8-L120	120.0MM CABLE LINK	19.5	15.5	65	70	8.40
KC8-L150	150.0MM CABLE LINK	21	16.5	70	50	11.40
KC8-L185	185.0MM CABLE LINK	23.5	18.5	75	40	15.00
KC8-L240	240.0MM CABLE LINK	26.5	21	80	30	20.20
KC8-L300	300.0MM CABLE LINK	30	24	85	20	28.50
KC8-L400	400.0MM CABLE LINK	34	27	90	16	39.30
KC8-L500	500.0MM CABLE LINK	38	30	100	12	63.40
KC8-L630	630.0MM CABLE LINK	45	35	110	6	90.50

* The cable connectors are made of electrolytic copper tubes which are electro-tin plated.

* Applications: Used to splice stranded and solid copper conductors in virtually all general purpose applications.



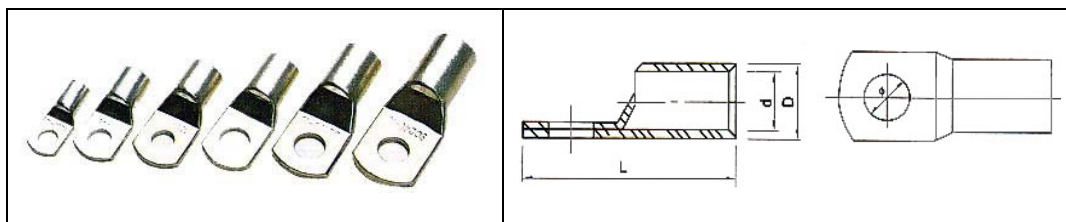
**PHOENIX****COPPER CABLE LUG (Normal Sizes)**

Stock Code	Description	Dimension in (mm)			Pcs / Box	Price /Pc (RM)
		D	d	L		
KC8-C1.5	1.50MM ² X M5 CABLE LUG	3.5	2.3	18	5000	0.28
KC8-C2.5	2.50MM ² X M5 CABLE LUG	4	2.8	19	4000	0.29
KC8-C4M6	4.00MM ² X M6 CABLE LUG	4.8	3.1	20.5	3000	0.31
KC8-C6	6.00MM ² X M6 CABLE LUG	5.5	3.8	24	2000	0.45
KC8-C10	10.00MM ² X M6 CABLE LUG	6.8	4.8	25	1200	0.60
KC8-C16	16.00MM ² X M8 CABLE LUG	7.5	5.5	30	800	0.76
KC8-C25	25.00MM ² X M8 CABLE LUG	9	7	33	800	1.15
KC8-C35	35.00MM ² X M10 CABLE LUG	10.5	8.3	38	500	1.52
KC8-C50	50.00MM ² X M10 CABLE LUG	12.5	9.8	45	300	2.80
KC8-C70	70.00MM ² X M12 CABLE LUG	14.5	11.5	49	200	3.90
KC8-C95	95.00MM ² X M12 CABLE LUG	17.5	13.8	54	150	6.40
KC8-C120	120.00MM ² X M12 CABLE LUG	19.5	15.5	62	100	8.90
KC8-C150	150.00MM ² X M16 CABLE LUG	21	16.5	68	75	10.30
KC8-C185	185.00MM ² X M16 CABLE LUG	23.5	18.8	76	50	15.80
KC8-C240	240.00MM ² X M16 CABLE LUG	26	21	90	40	25.00
KC8-C300	300.00MM ² X M16 CABLE LUG	30	24	100	25	36.50
KC8-C400	400.00MM ² X M16 CABLE LUG	34	27	110	16	51.50
KC8-C500M19	500.00MM ² X M19 CABLE LUG	38	30	120.5	12	75.00
KC8-C630	630.00MM ² X M19 CABLE LUG	45	35	136	8	126.50

**PHOENIX****COPPER CABLE LUG (Special Sizes)**

Stock Code	Description	Dimension in (mm)			Pcs / Box	Price /Pc (RM)
		D	d	L		
KC8-C2.5M6	2.50MM ² X M6 CABLE LUG	3.5	2.3	18	4000	0.29
KC8-C4	4.00MM ² X M5 CABLE LUG	4	2.8	19	3000	0.31
KC8-C6M8	6.00MM ² X M8 CABLE LUG	4.8	3.1	20.5	2000	0.45
KC8-C10M8	10.00MM ² X M8 CABLE LUG	5.5	3.8	24	1200	0.60
KC8-C16M10	16.00MM ² X M10 CABLE LUG	6.8	4.8	25	800	0.76
KC8-C25M10	25.00MM ² X M10 CABLE LUG	7.5	5.5	30	800	1.15
KC8-C35M8	35.00MM ² X M8 CABLE LUG	9	7	33	500	1.52
KC8-C50M12	50.00MM ² X M12 CABLE LUG	10.5	8.3	38	300	2.80
KC8-C70M10	70.00MM ² X M10 CABLE LUG	12.5	9.8	45	200	3.90
KC8-C95M10	95.00MM ² X M10 CABLE LUG	14.5	11.5	49	150	6.40
KC8-C120M10	120.00MM ² X M10 CABLE LUG	17.5	13.8	54	100	8.90
KC8-C150M10	150.00MM ² X M10 CABLE LUG	19.5	15.5	62	75	10.30
KC8-C185M10	185.00MM ² X M10 CABLE LUG	21	16.5	68	50	15.80

- * These cable lugs are made of electro-tin plated copper that include a "palm" for connecting the lug to equipment, a generally elongate cylindrical barrel for receiving one end of the cable conductor, and an insert for disposal within the barrel and for extending around and along the inner surface of the barrel to align the lug more concentrically on smaller cables.
- * Applications: Used for mounting on the end of a cable for making electrical connection between a conductor of the cable and other electrical equipment.





BRASS ELECTRICAL ACCESSORIES (Made In India)

Stock Code	Description	Price /Pc (RM)
KR1-MB19	RUPAM 19MM (3/4") BRASS MALE BUSH	0.61
KR1-MB25	RUPAM 25MM (1") BRASS MALE BUSH	1.10
KR1-MB32	RUPAM 32MM (1 ¼") BRASS MALE BUSH	2.50
KR1-MB38	RUPAM 38MM (1 ½") BRASS MALE BUSH	3.90
KR1-ET19	RUPAM 19MM (3/4") BRASS EARTH TAG	1.40
KR1-ET25	RUPAM 25MM (1") BRASS EARTH TAG	2.15
KR1-ET32	RUPAM 32MM (1 ¼") BRASS EARTH TAG	5.00
KR1-ET38	RUPAM 38MM (1 ½") BRASS EARTH TAG	7.25
KR1-ET50	RUPAM 50MM (2") BRASS EARTH TAG	8.35
KR1-EC-S	RUPAM 5/8" SMALL EARTH ROD CLAMP	2.05
KR1-EC-B	RUPAM 5/8" BIG BRASS EARTH ROD CLAMP	3.90
KR1-TB	RUPAM BRASS TEST BOND	18.40
KR1-CS	RUPAM 1" X 1/8" BRASS CROSS SADDLE (SQUARE TYPE)	21.60
KR1-ERC	RUPAM 5/8" X 70MM BRASS EARTH ROD COUPLER	8.10
KR1-BBS	RUPAM 1" X 1/8" BRASS BAR SADDLE	2.00
KR1-ARST	RUPAM 3/8" X 18 BRASS LIGHTING ARRESTOR C/W CLMP	40.50



BRASS NEUTRAL LINK (Made In India)

Stock Code	Description	Pcs / Box	Price / Pc (RM)
KR1-NL4W	RUPAM 4 WAY NEUTRAL .LINK	100	1.70
KR1-NL5W	RUPAM 5 WAY NEUTRAL .LINK	100	1.85
KR1-NL6W	RUPAM 6 WAY NEUTRAL .LINK	50	2.50
KR1-NL7W	RUPAM 7 WAY NEUTRAL .LINK	50	3.05
KR1-NL8W	RUPAM 8 WAY NEUTRAL .LINK	50	3.30
KR1-NL9W	RUPAM 9 WAY NEUTRAL .LINK	50	3.60
KR1-NL10W	RUPAM 10 WAY NEUTRAL .LINK	50	4.00
KR1-NL11W	RUPAM 11 WAY NEUTRAL .LINK	50	4.30
KR1-NL12W	RUPAM 12 WAY NEUTRAL .LINK	50	4.75
KR1-NL13W	RUPAM 13 WAY NEUTRAL .LINK	25	5.00
KR1-NL14W	RUPAM 14 WAY NEUTRAL .LINK	25	5.30
KR1-NL15W	RUPAM 15 WAY NEUTRAL .LINK	25	5.60
KR1-NL16W	RUPAM 16 WAY NEUTRAL .LINK	25	5.85
KR1-NL17W	RUPAM 17 WAY NEUTRAL .LINK	25	6.40
KR1-NL18W	RUPAM 18 WAY NEUTRAL .LINK	25	6.60



BRASS CABLE GLAND (Made In India)

Stock Code	Description	Pcs/Box	Price/Pc (RM)
KR1-G204	RUPAM G204 CABLE GLAND	50	5.00
KR1-G206	RUPAM G206 CABLE GLAND	50	5.60
KR1-G254	RUPAM G254 CABLE GLAND	50	7.80
KR1-G256	RUPAM G256 CABLE GLAND	25	9.10
KR1-G324	RUPAM G324 CABLE GLAND	10	12.80
KR1-G326	RUPAM G326 CABLE GLAND	10	13.90
KR1-G405	RUPAM G405 CABLE GLAND	5	23.40
KR1-G503	RUPAM G503 CABLE GLAND	5	34.50
KR1-G505	RUPAM G505 CABLE GLAND	5	36.30
KR1-G636	RUPAM G636 CABLE GLAND	2	57.30
KR1-G753	RUPAM G753 CABLE GLAND	2	83.40
KR1-G755	RUPAM G755 CABLE GLAND	2	88.90