



RAZ

PRODUCTS RANGE

FLEXIBLE LINKS

FLEXIBLE TINNED
COPPER WIRE

PANEL INTER TRIP

PANEL COS

PANEL ATS / AMF

COPPER WIRE MESH

MAN POWER TERMINATION & JOINTING

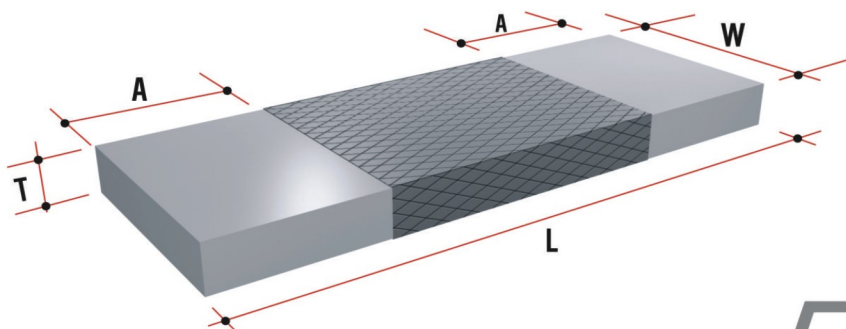


RAZ

ELECTRIC MACHINERY

STANDARD RATING

WIDTH (mm)	SQ (mm ²)	CURRENT (A)	THICKNESS (mm)	WIDTH (mm)	SQ (mm ²)	CURRENT (A)	THICKNESS (mm)
40	50	290	5.5	100	300	1,060	8.6
	100	410	7.1		400	1,240	10.0
	150	520	8.6		500	1,380	11.2
	200	580	10.1		600	1,530	13.0
	250	690	11.7		800	1,800	15.5
	300	770	13.8		1,000	2,000	18.1
50	100	450	6.4	120	1,250	2,200	21.4
	200	650	8.9		1,500	2,500	24.7
	300	820	11.3		500	1,500	11.2
	400	970	14.2		600	1,650	12.2
	500	1,100	16.7		800	1,900	14.2
	600	1,220	19.4		1,000	2,100	16.3
60	200	680	7.9	150	1,200	2,350	18.4
	300	900	9.9		1,400	2,550	20.8
	500	1,150	14.5		1,500	2,650	22.5
	600	1,300	16.6		1,600	2,800	23.5
	800	1,500	20.8	200	600	1,800	10.9
	1,000	1,720	25.0		700	2,100	12.5
75	300	940	8.8		1,000	2,350	14.2
	500	1,240	12.3		1,200	2,600	16.1
	600	1,380	14.2		1,600	3,000	19.9
	800	1,630	17.6		2,000	3,400	23.4
	1,000	1,860	20.5		2,400	3,800	27.3
	1,200	2,070	24.6		2,800	4,100	31.1
80	300	1,000	8.4	200	1,000	2,640	12.2
	400	1,170	9.9		1,200	2,900	13.5
	500	1,310	11.7		1,500	3,260	15.5
	600	1,500	13.7		2,000	3,800	18.7
	800	1,720	16.4		2,500	4,200	22.9
	1,000	1,950	19.8		3,000	4,700	27.2
	1,200	2,150	23.2		3,350	5,100	30.6
	1,250	2,190	24.3		3,500	5,250	31.8



- Permissible temperature rising :
55°C (Up to 40°C Ambient temperature)
- Products of other specification can be supplied in accordance with contract requirement.

PREFABRICATED BRAIDS



SPECIFICATIONS

Electrolitic Tinned Cooper

Standard Diameter : 0.16 mm

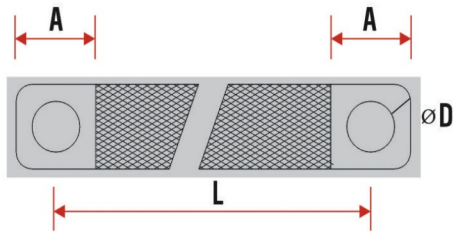
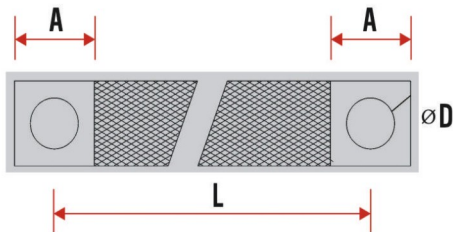
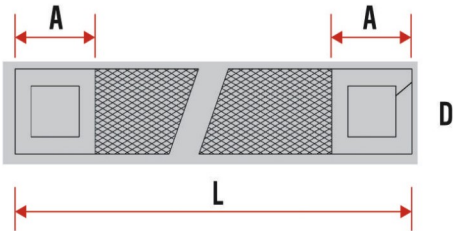
APPLICATION

- Earthing for moving parts in panels and distribution boards.
- Equipotential bonding of all conductive materials, Cable Tray, etc.

SECTION (mm ²)	LEGTH (mm)	D (mm)	A (mm)
14	250	11 x 11	25
	300		
22	250	11 x 11	25
	300		
38	250	11 x 11	30
	300		

SECTION (mm ²)	LEGTH (mm)	ø D (mm)	A (mm)
14	100	8.5	25
	150		
22	200	10	25
	250		
38	300	10	30

SECTION (mm ²)	LEGTH (mm)	ø D (mm)	A (mm)
14	300	8	28
	400	9	
	500	10	
	600	11	
22	700	12	30
	800	13	
	900	14	
		15	



ANNEALED COPPER STRANDING WIRE

STANDARD RATING

SQ (mm ²)	0.05 mm			0.08 mm			0.12 mm			CURRENT (A)
	COMPOSE	DIAMETER (mm)	NET WEIGHT (g/m)	COMPOSE	DIAMETER (mm)	NET WEIGHT (g/m)	COMPOSE	DIAMETER (mm)	NET WEIGHT (g/m)	
0.3	3/ 51/ 0.05	0.9	2.8	3/ 20/ 0.08	0.9	2.8				5
0.4	3/ 68/ 0.05	1.0	3.8	3/ 27/ 0.08	1.0	3.8	3/ 27/ 0.12	1.0	3.8	6
0.5	3/ 85/ 0.05	1.1	4.75	3/ 33/ 0.08	1.2	4.7	3/ 15/ 0.12	1.1	4.8	8
0.75	7/ 55/ 0.05	1.2	7.1	3/ 50/ 0.08	1.4	7.1	3/ 22/ 0.12	1.4	7	10
0.9	7/ 66/ 0.05	1.4	6.6	7/ 26/ 0.08	1.4	8.6	7/12/ 0.05	1.4	9	12
1.25	7/ 91/ 0.05	1.7	11.8	7/ 30/ 0.08	1.7	10	7/16/ 0.12	1.7	12	15
1.4	7/ 102/ 0.05	1.8	13.3	7/ 40/ 0.08	1.8	13	7/18/ 0.12	1.8	13.5	17
2.0	7/ 146/ 0.05	2.1	19.0	7/ 57/ 0.08	2.1	19	7/26/ 0.12	2.1	19.5	20
2.5	7/ 182/ 0.05	2.3	23.7	7/ 71/ 0.08	2.3	23	7/32/ 0.12	2.4	24	25
3.5	7/ 255/ 0.05	2.8	33.2	7/100/ 0.08	2.8	33	7/45/ 0.12	2.8	33.8	30
4.5	7/ 328/ 0.05	3.2	42.8	7/127/ 0.08	3.2	42	7/57/ 0.12	3.2	42.8	40
5.5	7/ 401/ 0.05	3.7	52.3	7/157/ 0.08	3.7	52	7/70/ 0.12	3.5	52.6	45
6.5							7/83/ 0.12	3.8	62.3	50
8							7/102/ 0.12	4.4	76.6	55
10							7/127/ 0.12	4.7	95.4	65
14							7/ 79/ 0.18	5.2	133	84
22							7/ 124/ 0.18	6.9	209	109
38							7/ 214/ 0.18		362	150

● Permissible allowance for width & thickness : ±5%

● Products of other specification can be supplied in accordance with contract requirement

FLEXIBLE TINNED COOPER BRAIDS

STANDARD RATING

SQ (mm ²)	COMPOSITION	WIDTH X THICKNESS	WEIGHT (g/m)	CURRENT (A)	ROLL (m/Roll)
0.75	16/ 4/ 0.12	2.5 x 0.6	66.9	10	1,000
1.25	16/ 7/ 0.12	3 x 0.12	12.0	17	1,000
2	24/ 8/ 0.12	4 x 10	20.6	27	500
3.5	24/ 15/ 0.12	5 x 0.9	33.5	37	500
5.5	32/ 15/ 0.12	8 x 1.1	51.6	49	300
8	48/ 48/ 0.16	14 x 1.3	82.5	61	300
14	48/ 15/ 0.16	17 x 1.5	137.5	88	200
22	48/ 23/ 0.16	21 x 1.9	210.8	115	100
30	48/ 32/ 0.16	26 x 2.5	293.3	139	100
38	48/ 40/ 0.16	2.7 x 2.7	366.7	162	100
50	48/ 52/ 0.16	45 x 3.0	476.7	190	50
60	52/ 58/ 0.16	37 x 2.9	576.0	217	50
80	52/ 77/ 0.16	45 x 3.0	764.8	257	30
100	52/ 96/ 0.16	55 x 4.5	953.5	298	30
125	52/ 120/ 0.16	55 x 5.0	1,192.0	344	20
150	52/ 144/ 0.16	60 x 5.0	1,430.0	395	20

- Permissible allowance for width & thickness : ±5%
- Products of other specification can be supplied in accordance with contract requirement



accessories cable

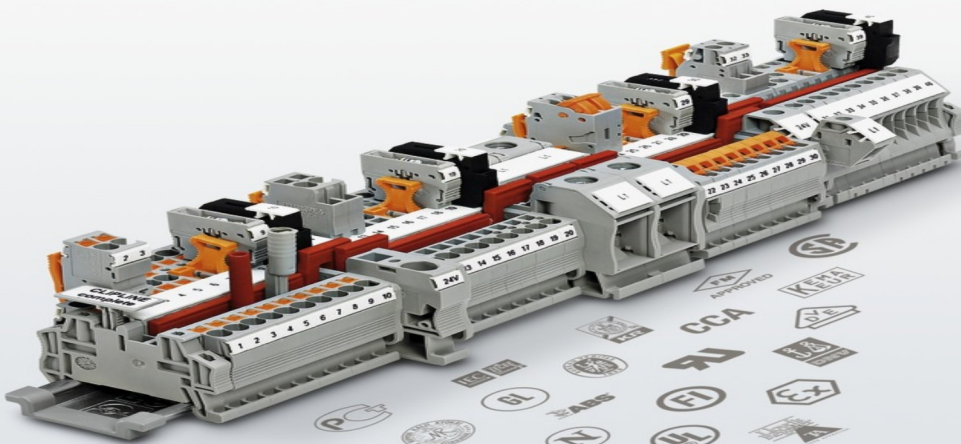
Cable Lug

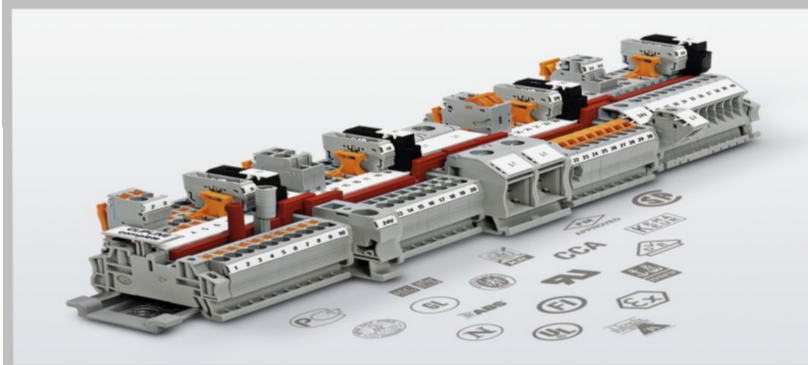


tool set

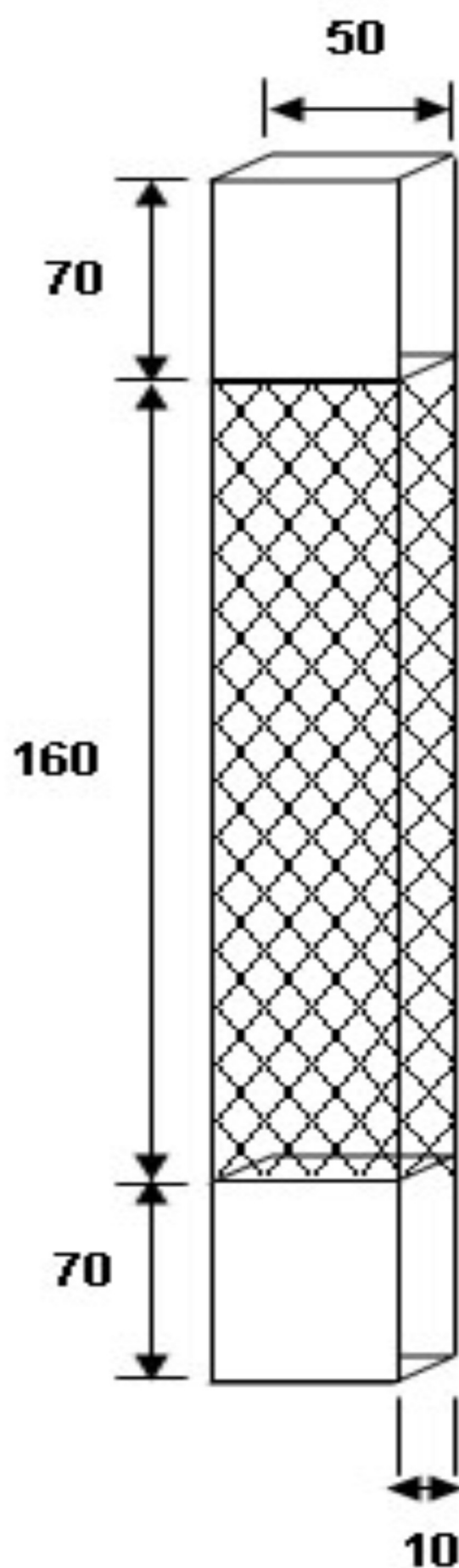


MCB





FLEXIBLE BUSBAR
SIZE : 10 X 50 X 300 mm





REFERENCE LIST

Citra Gemilang Apik

Christalenta Pratama

*LEN Industri
Reltek*

Elsicom

Tarmodjo Jaya

Seda Makmur

Wanata tama

Wika Teknik

Pundika Kalimasada

PROMETHEUS

Erindo

Trilisindo Pratama

Tirtajaya Primaharia

Surya Inti Alam

Hemel

Schneider

Tunas Wijaya

Outrado