



M.G. CABLE INDUSTRIES

Manufacturers : GI Cable Trays & All Earthing Materials

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Authorised Stockist : **POLYCARB** WIRES & CABLES **BHARAT CAB** WIRES & CABLES **metrolite** WIRES & CABLES **ELECTROLITE** WIRES & CABLES **3M** Cable Joining Kits

EFFECTIVE FROM Nov. 2020

Authorised Distributors & Channel Partners :



OPTIPRO MCB 10KA

Curve	Amps	SP	SPN	DP	TP	TPN	FP
B	6A-32A	228	728	762			
	40A	514	1006	1098			
	50 & 63A	600	1148	1222			
C	0.5 A-5A	388	1056	1092	1458	1926	2030
	6A - 32A	238	720	766	1208	1536	1672
	40A	540	1056	1166	1734	2060	2314
	50&63A	596	1190	1246	1866	2162	2368
	80A	2196		5050	7434		9716
	100A	2432		5432	8012		10034
	125A	2712		5952	8704		11406

OPTIPRO 10 KA - IP - 20 Protection RESIDUAL CURRENT CIRCUIT BREAKERS

RATING	DOUBLE POLE		FOUR POLE	
	30/100 mA	300 mA	30/100 mA	300 mA
25 AMP	2856	2974	3662	3804
40 AMP	2934	3198	3756	3966
63 AMP	3924	4008	4066	4138

OPTIPRO 10 KA - IP - 20 Protection RCD ADD ON BLOCK

RATING	DOUBLE POLE			FOUR POLE		
	30mA	100mA	300mA	30mA	100mA	300mA
6-32 A	2406	3094	2874	2922	3262	3404
40-63 A	3094	3398	3708	3500	3808	4106

OPTIPRO DISTRIBUTION BOARDS

Rating	SPN S.D.	TPN S.D.	SPN D.D.	TPN D.D.	ACRYLIC	
					SPN	TPN
4 WAY	962	2752	1362	3514	1598	4302
6 WAY	1182	3498	1598	4392	1898	5376
8 WAY	1230	4034	1722	5454	2000	6682
10 WAY			2028			
12 WAY	1478	5938	2140	7752	2532	9486
14 WAY			2380			
16 WAY	1860	7528	2646	9356	3118	11450
18 WAY			2946			

Rating	VTPN MCB S.D.	VTPN MCB D.D.	VTPN MCCB 125AD.D.	VTPN MCCB 250AD.D.	PHASE Selector 40AD.D.	PHASE Selector 63AD.D.
4 WAY	7692	8872	10200	15606	10276	11844
6 WAY	9210	10626	11540	16098	10708	12356
8 WAY	9672	11156	12348	16976	11628	13420
12 WAY	12158	14024	16642	21596	12906	15402

DIZeit TIME SWITCHES

TA926453	3P Module, 24 hours program, Programmable every 30min.	3272
TDA43110	Programmable every 1 min. with backup of 3 years 28 memory	3978
TDA43111	Programmable every 1 min. with backup of 3 years 28 memory	5968

OPTIPRO PRODUCTS

OPTIPRO ISOLATORS

Amps	DP	TP	FP
40A	470	880	1050
63A	580	1006	1134
80A	748	1134	1408
100A	748	1134	1408
125A	808	1242	1522

Metal Clad Plug & Socket

Rating	AC Plug	AC Socket
10A DP	154	154
20A DP	164	178
20A TPN	224	236
32A TPN	406	406

AUTOMATIC CHANGEOVER WITH CURRENT LIMITER

SPN 30A Mains

Rating	Price
3A DG ACCL	1656
4A DG ACCL	1656
5A DG ACCL	1656
6A DG ACCL	1656
9A DG ACCL	1656
12A DG ACCL	1656
15A DG ACCL	1656
20A DG ACCL	1656
30A DG ACCL	1656

Caretron WHITELINE DB

4 WAY	-	786
6 WAY	-	906
8 WAY	-	1066
10 WAY	-	1182
12 WAY	-	1312
16 WAY	-	2028

BOLTED TYPE (BS)

BREAKING CAPACITY > 80 KA500 VAC 50Hz.

Conforms to IS:13703 / IEC-269 / BS:88

Tag/Type	Amps.	Rs.
FGN/OFF	2, 4, 6, 10, 16	64
FGN/OFF	20, 25, 32	72
FSA/OFF	6, 10, 16, 20	98
FSA/OFF	25, 32	98
FSS/OFF	35, 40, 50, 63	110
FSDCP/OFF	50, 63, 80, 100, 125	232
FSFP/OFF	125, 160, 200	334
FSDC/CENT	50, 63, 80, 100, 125	232
FSF/CENT	125, 160, 200, 250	340
FSK/CENT	250, 300, 315, 320	492
FMF/CENT	355, 400	952
FTS/CENT	400, 500, 630	1098
FTM/CENT	400, 500	1430
FTM/CENT	630	1950

DIN TYPE

IS:13703 / IEC-269 / DIN43620

Code	Amps.	Rs.
Size 00	6, 10, 16	310
Size 00	20, 25, 32	310
Size 00	50, 63,	310
Size 00	80, 100	322
Size 00	125, 160	342
Size 01	32, 63, 80	564
Size 01	100, 125	564
Size 01	160, 200	564
Size 01	250	642
Size 02	250, 315	830
Size 02	400	898
Size 03	315, 425	1138
Size 03	500, 630	1326

OPTIPRO ENCLOSURE

Ways	Rs.
1/2 Mod Plastic	156
3/4 Mod Plastic	242
1/2 Mod Metal	364
3/4 Mod Metal	478

Plug Socket Board

Rating	MRP
SP - AC BOX	1020
KSPS-TP 20A	2266
KSPS-TP 30A	3138

OPTIPRO PLASTIC P & S

Ways	MODULE	Rs.
16A 2P+E	2	2389
32A 2P+E	2	2716
32A 3P+N+E	4	3994
63A 3P+N+E	4	11348

OPTIPRO TV / TEL. DB

Ways	OUTGOING	Rs.
8 SPN	8	3924
12 SPN	12	4426
4 TPN	8+12	6274
6 TPN	8+18	6668
8 TPN	8+24	7396

OPTIPRO PPI DB

Ways	OUTGOING	Rs.
Hori. 4+2	26	6506
Hori. 6+2	32	7980
Hori. 8+2	38	9452
Tier. 6+2	32	7362
Tier. 8+2	38	9196
Tier. 12+2	50	11830

OPTIPRO FLEXY DBs D.D.



Ways	MODULE	Rs.
2	2 Row x 14	4600
3	3 Row x 14	5470
4	4 Row x 14	6086

OPTIPRO Compact DB

Ways	TPN S.D.	TPN D.D.	TPN ACRYLIC
4	2440	3102	3952
6	3302	4026	5014

CUBICLE SWITCHES

Switch Disconnector Fuse AC 23 (A)
Conforms to IS 13947-3/IEC 947-3

	Rated Current	In Open Execution TPN	In Sheet Steel Enclosure TPN	In Open Execution TPSN 4 POLE
	32ABS	1674	3284	2126
	63ABS	2314	4186	2700
	63ADin	2438	4132	2688
	100ABS	5088	7118	6258
	100ADin	5216	7040	6026
	125ADin	5580	8184	6676
	160ADin	6714	8990	7822
	200ADin	8460	10234	9090
	250ADin	9390	12316	10412
	315ADin	12284	15334	13936
	400ADin	15140	18176	16194
	630ADin	25020	26946	25998
	800ADin	30508	38144	31176

AMBIDEX ON LOAD CHANGEOVER SWITCHES

4 Pole On-Load Changeover Switches AC 23 (A)
Conforms to IS 13947-3/IEC 947-3

Rated Current	On-Load Changeover Switch	
	In Open Execution	In Sheet Steel Enclosure
63A	4466	5864
100A	5928	7782
125A	8882	11658
160A	9768	12822
200A	11744	15414
250A	14358	18842
320A	18824	24708
400A	27316	35852
630A	32490	42644
800A	47124	61854
1000A	78208	102648
1250A	106922	140336
1600A	147606	193732
2000A	188514	247426
2500A	252284	331124
3150A	291940	420466

BAKELITE FUSE FITTINGS

Front Busbar For Bolted (BS)
Conforms to IS:13703/IEC-269

Rating	Price
20A	138
32A	242
63A	350
100A	902
20A Stud	202

DMC FUSE BASE

For DIN type HRC fuse links. Conforms to IS:13703/IEC-269/DIN 43620

Rating Amps.	Suitable For	Price Rs.
6-160 A	Size - 00	396
32-250 A	Size - 1	758
100-400 A	Size - 2	1132
315-630 A	Size - 3	1436

Moulded Case Circuit Breakers MCCB 3 Pole Range

Current Rating	Breaking Capacity	MRP Rs./Unit	
		OPTIUM 1 Fixed	OPTIUM 2 Adjustable
16/25/32	F1 16KA	3568	4096
40/50/63	F1 16KA	3568	4096
80/100	F1 16KA	3672	4618
125	F1 16KA	5392	5776
160	F2 16KA	5978	5900
200	F2 16KA	7242	7840
250	F2 16KA	7990	9710
16/25/32	F1 25KA	4520	4940
40/50/63	F1 25KA	4520	4940
80/100	F1 25KA	4610	5184
125	F1 25KA	5886	6289
160	F2 25KA	7112	8542
200	F2 25KA	9142	10502
250	F2 25KA	13416	13210
315	F4 25KA		19630
400	F4 25KA		20088
16/25/32	F1 36KA	5926	6588
40/50/63	F1 36KA	5926	6588
80/100	F1 36KA	6320	6716
125	F1 36KA	6860	8296
160	F1 36KA	8874	10684
200	F2 36KA	10540	11980
250	F2 36KA	13364	15286
315	F2 36KA	17570	20042
400	F4 36KA	19700	21320
500	F4 36KA	24376	25348
630	F4 36KA	25838	27538
800	F4 36KA		34874
1000	F5 36KA		52734
1250	F5 36KA		60992
16/25/32	F3 50KA	8208	9352
40/50/63	F3 50KA	8208	9352
80/100	F3 50KA	8452	9540
125	F3 50KA	9860	10498
160	F3 50KA	10716	11454
200	F3 50KA	12310	13362
250	F3 50KA	18730	18966
315	F3 50KA	21854	22424
400	F4 50KA	24086	23932
500	F4 50KA	25548	27952
630	F4 50KA	27228	29638
800	F4 50KA	34140	36950
1000	F5 50KA		64262
1250	F5 50KA		70874

Moulded Case Circuit Breakers MCCB 4 Pole Range

Current Rating	Breaking Capacity	MRP Rs./Unit	
		OPTIUM 1 Fixed	OPTIUM 2 Adjustable
16/25/32	F1 16KA	4440	5580
40/50/63	F1 16KA	4440	5580
80/100	F1 16KA	4822	6236
125	F1 16KA	7470	8198
160	F2 16KA	8602	8886
200	F2 16KA	9426	10388
250	F2 16KA	9956	13048
16/25/32	F1 25KA	5562	6106
40/50/63	F1 25KA	5562	6106
80/100	F1 25KA	5728	6406
125	F1 25KA	7834	8282
160	F2 25KA	9866	11294
200	F2 25KA	11474	14078
250	F2 25KA	16658	15632
315	F4 25KA		22890
400	F4 25KA		24972
16/25/32	F1 36KA	6912	8912
40/50/63	F1 36KA	6912	8912
80/100	F1 36KA	7284	9174
125	F1 36KA	8828	10278
160	F1 36KA	11426	12694
200	F2 36KA	14102	16562
250	F2 36KA	18078	20702
315	F2 36KA	22562	24212
400	F4 36KA	25124	26068
500	F4 36KA	29340	30866
630	F4 36KA	31500	34574
800	F4 36KA		40090
1000	F5 36KA		56552
1250	F5 36KA		67956
16/25/32	F3 50KA	9978	10498
40/50/63	F3 50KA	9978	10498
80/100	F3 50KA	10078	10602
125	F3 50KA	11810	12656
160	F3 50KA	13618	13566
200	F3 50KA	16758	17204
250	F3 50KA	22684	21810
315	F3 50KA	24942	26982
400	F4 50KA	27470	28336
500	F4 50KA	30974	33220
630	F4 50KA	31798	36166
800	F4 50KA	43662	52732
1000	F5 50KA		69024
1250	F5 50KA		79948

ACCESSORIES FOR MCCB OPTIUM

Frame Size	SPREADERS	
	3Pole	4Pole
F1	344	502
F2	918	1832
F3	918	1832
F4	2932	4276
F5 800A	7576	11110
F5 1000A	7576	11110
F5 1250A	7878	11616

ACCESSORIES FOR MCCB OPTIUM

Frame Size	U/V Release	Shunt Release
F1	1562	1020
F2	1562	1020
F3	1562	1020
F4	1664	1872
F5	1664	1872

ACCESSORIES FOR MCCB OPTIUM

Frame Size	Auxiliary / Alarm	Rotary Handle 3Poly / 4Poly
F1	840	1196
F2	840	1404
F3	840	1404
F4	1102	1664
F5	1102	3258

OPTIUM MCCB ENCLOSURE

	3 POLE	4 POLE
F1	1364	1364
F2	2096	2096
F3	2096	2096
F4	5242	5242

CLYINDRAICAL HRC FUSELINK

Amps	Type	Price
2A To 25A	IFRH	122
32A To 40A	IFRH	130
50A	IFRH	238
63A	IFRH	244
Fuse Holder Fr Type	IFRO	228