

**Maximum Retail Prices
for Panel Accessories**
Effective from 01-07-2021



Good quality products and customer service, continuous improvement in processes, systems and capabilities are the hallmark of leaders in business.

The Electrical Standard Products (ESP) business and New Product Development (NPD) function of L&T Electrical & Automation (E&A) have been awarded the Deming Prize 2019, by JUSE (Union of Japanese Scientists and Engineers), Japan.

The Deming Prize is one of the highest awards on Total Quality Management (TQM) in the globe. It is presented to an organization that has implemented TQM suitable for its management philosophy, scope/type/scale of business and management environment.

The TQM activities of ESP were evaluated for establishment of customer oriented objectives and strategies & top management leadership, suitable utilisation and implementation of TQM, effects obtained regarding business objectives and demonstration of organizational capabilities.

E&A's ESP is the first low voltage switchgear manufacturer in India that has received this recognition.



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Note:

Colour of HSN code signifies below

[Green colour : HSN code]

Current GST 18%, subject to changes as per Govt. notification

The Energy Management System that fosters energy efficiency



Your trusted partner for the continued growth of your business – L&T Electrical & Automation (E&A) – presents SmartComm Energy Management System. It enables you to measure and monitor your electrical system, consequently helping you save energy. At the heart of this monitoring system are our digital panel meters, with host of benefits.

SmartComm Energy Management System Software

- Simple and powerful energy monitoring software with multiple benefits that empowers the user to save money
- Glimpse of all entire energy consumption in the plant through dashboard
- Provision to generate multiple report types
- On-premise server or Web based access with cloud solution provision

Digital Panel Meters

- Meters with Class 1, Class 0.5, 0.5S, Class 0.2, 0.2S accuracy
- Meters with THD and individual harmonics up to 31st
- Direct access to Basic, Power and Energy parameters through front keys
- RS485 or Ethernet communication available
- Analog, Digital inputs and outputs, Data logging options

Please refer ESP Price List for details.

Customer Interaction Center (CIC)

BSNL / MTNL (toll free): 1800 233 5858 Reliance (toll free): 1800 200 5858
Tel: 022 6774 5858 Email: cic@Lntebg.com Web: www.Lntebg.com

For our DPM programming videos and more details on Energy Management Solutions please scan the QR code or click here



Our metering solutions include:

Single function meters

VAF + PF meters

Energy meters

Dual Source meters

Basic Multifunction meters

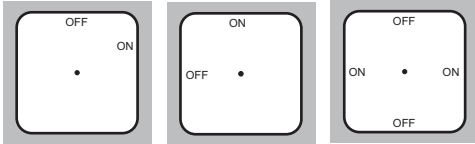
Advanced Multifunction meters

MD Controller

Rotary Switches

Note: All mentioned prices are for Standard Mounting & Knob. Kindly reach our branch offices for details of other mountings & knobs.

Cam Operated Rotary Switches [8536]



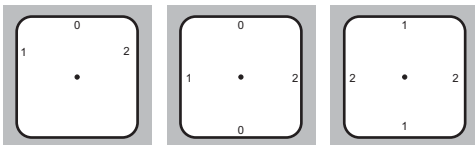
Isolators Switches (ON-OFF Switches)



60° Operation	90° Operation	90° Operation Complete Rotation	Description	M.R.P. (₹) Per Unit										
				6A (SAB13)	10A (SBB13)	16A (SCB03)	25A (SEB03)	32A (SFB03)	40A (SGB03)	63A (SIB03)	100A (SKB03)	200A (SNB03)		
Cat. No.: Program Code (First 5 digits), Next 5 digits in () # →														
61001	61191	61195	1 Pole ON - OFF	137	241	313	343	429	547	639	3359	4338		
61002	61192	61198	2 Pole ON - OFF	175	275	357	422	499	660	818	4199	5652		
61003 [§]	-	-	3 Pole ON - OFF	191	330	642	795	884	1108	1593	5686	7410		
-	61199	61197		191	330	418	553	615	772	1107	5169	7059		
61004	61194	61196	4 Pole ON - OFF	235	372	446	672	718	872	1315	5987	8393		

Offered upto 12 Pole

§ Motor Duty Switch (AC-3 Duty)

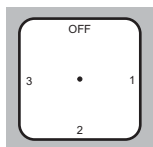


Changeover Switches (Local - Remote, Auto - Manual Switches)



With Center OFF (60°)	With OFF (90°)	Without OFF (90°) with Complete Rotation	Description	M.R.P. (₹) Per Unit										
				6A (SAB13)	10A (SBB13)	16A (SCB03)	25A (SEB03)	32A (SFB03)	40A (SGB03)	63A (SIB03)	100A (SKB03)	200A (SNB03)		
Cat. No.: Program Code (First 5 digits), Next 5 digits in () # →														
61025	61151	61037	1 P 2W	175	303	393	429	479	639	865	4338	6273		
61026	61152	61038	2 P 2W	235	366	446	579	672	878	1315	6350	9559		
61027	61153	61039	3 P 2W	289	454	597	872	942	1107	1767	8222	12232		
61028	61154	61040	4 P 2W	357	529	688	1144	1206	1331	2215	10383	15269		

Phase Changeover (PS Series Switches)



Cat. No.: Program Code (First 5 digits), Next 5 digits in () # →	Description	M.R.P. (₹) Per Unit			
		25A (PEB03)	32A (PFB03)	40A (PGB03)	63A (PIB03)
61060	1 P 3W with OFF	392	489	714	803

Phase Changeover in SS enclosure



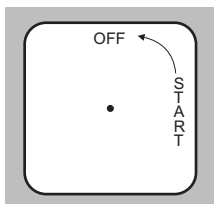
Cat. No.	Description	M.R.P. (₹) Per Unit			
		25A (E)	32A (F)	40A (G)	63A (I)
72347P □ M17TDYR.	PS Series Switches in SS enclosure	2747	2893	4278	4380

Note : Prices are available on request for higher than 4 Pole ON-OFF version. Please contact nearest E&A branch office for prices.

For complete ordering code, Kindly refer Page No. 10

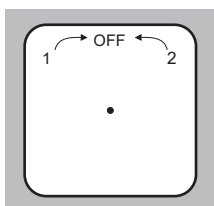
Spring Return Switches [8536]

ON - OFF Spring Return Switches



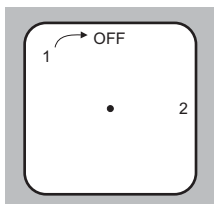
Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () #→ ↓	M.R.P. (₹) Per Unit	
		16A (SCB03)	25A (SEB03)
1 P ON - OFF	61351	674	1042
2 P ON - OFF	61352	705	1179
3 P ON - OFF	61353	801	1410
4 P ON - OFF	61354	945	1539

Double Throw with Spring Return Switches



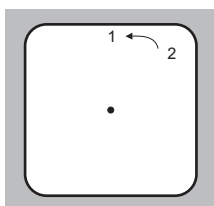
Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () #→ ↓	M.R.P. (₹) Per Unit	
		16A (SCB03)	25A (SEB03)
1 P 2W W/OFF Spring Return	61361	705	1179
2 P 2W W/OFF Spring Return	61362	1038	1539
3 P 2W W/OFF Spring Return	61363	1134	1918

One Side Spring Return Switches



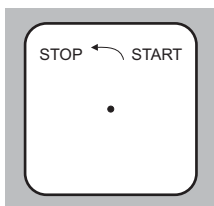
Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () #→ ↓	M.R.P. (₹) Per Unit	
		16A (SCB03)	25A (SEB03)
1 P 3W Spring Return - OFF from 1	61364	643	1179
2 P 3W Spring Return - OFF from 1	61365	945	1539
3 P 3W Spring Return - OFF from 1	61369	1029	1918

Spring Return Switches without OFF



Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () #→ ↓	M.R.P. (₹) Per Unit	
		16A (SCB03)	25A (SEB03)
1 P 2W Spring Return - from 2 to 1	61371	643	1179
2 P 2W Spring Return - from 2 to 1	61372	945	1539
3 P 2W Spring Return - from 2 to 1	61373	1029	1918

Start Stop Spring Return Switches



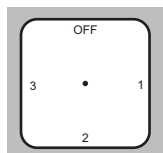
Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () #→ ↓	M.R.P. (₹) Per Unit	
		16A (SCB03)	25A (SEB03)
1 P Start Stop Spring Return	61300	801	1190
2 P Start Stop Spring Return	61388	945	1539

For complete ordering code, Kindly refer Page No. 10

Multi Step Switches [8536]

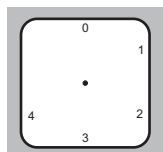


Multi Step Switches with OFF



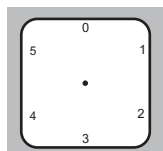
3 Way

Description	Cat. No. #	M.R.P. (₹) Per Unit								
		6A (SAB13)	10A (SBB13)	16A (SCB03)	25A (SEB03)	32A (SFB03)	40A (SGB03)	63A (SIB03)	100A (SKB03)	200A (SNB03)
1 P 3W	61060	207	345	411	PS Series Switches (Refer page no. 2)				4407	6694
2 P 3W	61080	289	405	500	686	742	1066	1200	6482	10236
3 P 3W	61100	418	543	847	1022	1113	1424	1852	8464	13439
4 P 3W	61131	531	695	1029	1276	1400	1905	2224	10693	16850



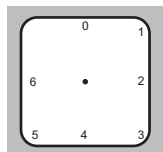
4 Way

1 P 4W	61061	242	310	597	725	802	913	1237	***	***
2 P 4W	61081	418	583	705	765	887	***	1447	***	***
3 P 4W	61101	575	***	1121	1276	1465	***	2224	15654	20212
4 P 4W	61132	696	1090	1423	1532	1635	2160	2566	21962	***



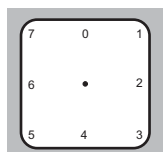
5 Way

1 P 5W	61062	265	495	688	903	918	***	1324	***	***
2 P 5W	61082	484	762	917	1231	1447	1485	1858	***	***
3 P 5W	61102	643	1398	1588	1743	***	2148	2514	20836	***



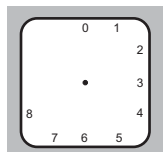
6 Way

1 P 6W	61063	350	***	666	***	935	967	***	***	***
2 P 6W	61083	575	***	969	***	***	***	***	***	***
3 P 6W	61103	810	***	1828	2053	***	***	2589	***	***



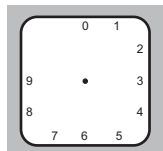
7 Way

1 P 7W	61064	357	571	720	918	960	997	1549	***	***
2 P 7W	61084	603	***	952	1439	**	2123	2458	***	***
3 P 7W	61104	832	***	1541	1890	***	2894	3406	***	***



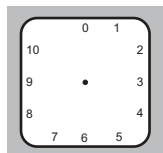
8 Way

1 P 8W	61065	403	***	713	1260	***	1579	***	***	***
2 P 8W	61085	660	***	1300	***	***	***	***	***	***



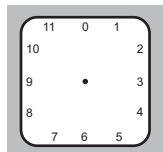
9 Way

1 P 9W	61066	418	***	***	***	***	***	***	***	***
2 P 9W	61086	750	***	1904	***	***	***	***	***	***



10 Way

1 P 10W	61067	484	***	992	***	***	***	***	***	***
2 P 10W	61087	773	***	***	***	***	***	***	***	***



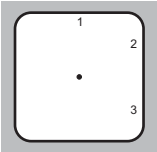
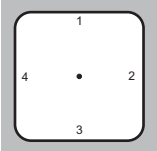
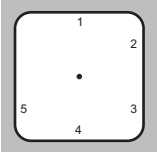
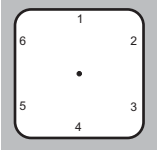
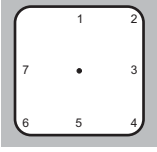
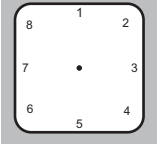
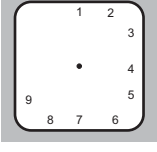
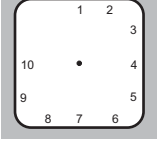
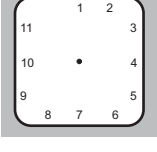
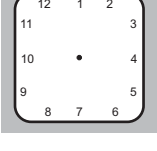
11 Way

1 P 11W	61068	575	***	907	2347	***	***	***	***	***
2 P 11W	61088	878	***	***	***	***	***	***	***	***

***Prices are available on request.

Program Code first 5 digits, Next 5 digits in (), For complete ordering code, kindly refer Page No. 10

Multi Step Switches without OFF

	Description	Cat. No. #	M.R.P. (₹) Per Unit								
			6A (SAB13)	10A (SBB13)	16A (SCB03)	25A (SEB03)	32A (SFB03)	40A (SGB03)	63A (SIB03)	100A (SKB03)	200A (SNB03)
	1 P 3W W/O OFF	61049	196	332	420	529	553	849	960	***	***
	2 P 3W W/O OFF	61069	289	502	585	700	***	1066	1260	6482	***
	3 P 3W W/O OFF	61089	418	624	878	1022	1113	***	1852	***	13566
	4 P 3W W/O OFF	61120	531	695	1014	1299	1383	3039	3351	***	***
	1 P 4W W/O OFF	61050	222	358	507	639	672	928	1291	4407	***
	2 P 4W W/O OFF	61070	326	521	597	755	825	1113	1447	6811	10999
	3 P 4W W/O OFF	61090	441	509	952	1206	1331	1458	1945	8970	14828
	4 P 4W W/O OFF	61121	615	695	1111	1458	1549	1954	2597	11020	18762
	1 P 5W W/O OFF	61051	265	375	547	718	***	***	***	***	***
	2 P 5W W/O OFF	61071	484	***	762	***	***	***	***	***	13934
	3 P 5W W/O OFF	61091	643	***	1449	1579	***	1835	2589	***	***
	1 P 6W W/O OFF	61052	282	***	683	801	918	1073	1355	6482	12685
	2 P 6W W/O OFF	61072	561	***	922	1430	1471	1485	1898	12917	16600
	3 P 6W W/O OFF	61092	683	1310	1565	1707	1770	1937	2589	21962	34722
	1 P 7W W/O OFF	61053	350	***	***	950	***	***	***	11425	***
	2 P 7W W/O OFF	61073	603	***	1029	1458	***	***	***	***	***
	3 P 7W W/O OFF	61093	832	***	1701	2205	***	***	3485	***	***
	1 P 8W W/O OFF	61054	357	679	773	960	1011	1120	1635	***	***
	2 P 8W W/O OFF	61074	636	***	1300	1521	***	***	***	***	***
	3 P 8W W/O OFF	61094	894	***	1857	1984	2021	2318	3659	***	***
	1 P 9W W/O OFF	61055	418	***	1232	***	***	***	***	***	***
	2 P 9W W/O OFF	61075	705	***	1171	***	***	***	***	***	***
	1 P 10W W/O OFF	61056	446	720	1368	***	***	***	***	***	***
	2 P 10W W/O OFF	61076	780	***	***	***	***	***	***	***	***
	1 P 11W W/O OFF	61057	825	***	***	***	***	***	***	***	***
	2 P 11W W/O OFF	61077	945	***	***	***	***	***	***	***	***
	1 P 12W W/O OFF	61058	872	***	1014	2425	2583	***	***	***	***
	2 P 12W W/O OFF	61078	1022	***	***	***	***	***	***	***	***

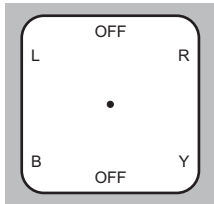
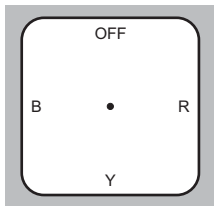
***Prices are available on request.

Program Code first 5 digits, Next 5 digits in (), For complete ordering code, kindly refer Page No. 10

Instrumentation Selector Switches [8536]

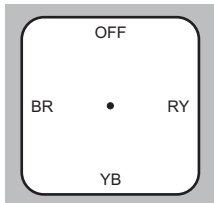


Ammeter Selector Switches (ASS)

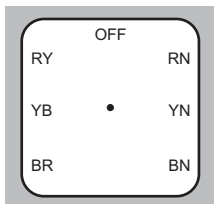


Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Line Currents with OFF with CT	61325 SAB13TDYR	6A	291
Line Currents with OFF with CT	61325 SBB13TDYR	10A	321
Line Currents with OFF with CT	61325 SCB03TDYR	16A	442
Line Currents with OFF without CT	71000 SCB03TDYR	16A	1268
Direct Currents with OFF without CT	71000 SEB03TDYR	25A	1458
Direct Currents with OFF without CT	71000 SFB03TDYR	32A	1750
Direct Currents with OFF without CT	71000 SGB03TDYR	40A	3075
Direct Currents with OFF without CT	71000 SIB03TDYR	63A	3243

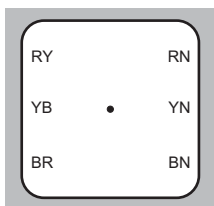
Voltmeter Selector Switches (VSS)



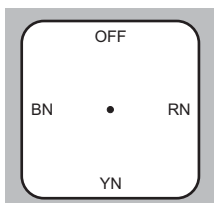
Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases with OFF	61312 SAB13TDYR	6A	211
Voltage between Phases with OFF	61312 SBB13TDYR	10A	292
Voltage between Phases with OFF	61312 SCB03TDYR	16A	399



Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases & Individual Phases to Neutral with OFF	61313 SAB13TDYR	6A	375
Voltage between Phases & Individual Phases to Neutral with OFF	61313 SBB13TDYR	10A	584
Voltage between Phases & Individual Phases to Neutral with OFF	61313 SCB03TDYR	16A	749

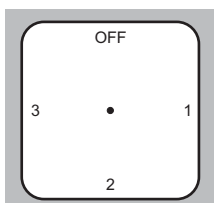


Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phase & Phase to Neutral without OFF	61314 SBB13TDYR	10A	576



Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases & Phase to Neutral without OFF	61311 SAB13TDYR	6A	375
Voltage between Phases & Phase to Neutral with OFF	61311 SBB13TDYR	10A	395

Ammeter & Voltmeter Combined Switch



Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases to Neutral & Current of that Phase	61338 SBB13TDYR	10A	617



Control your breaker remotely
through TNC switch

Breaker Control Switches (Trip-Neutral-Close)

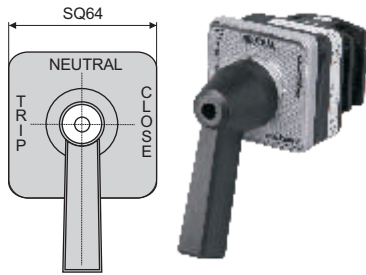
- 1NO+1NO, 2NO+2NC model available in 25A
- Barrel lock option available
- Lost motion contact (LMD) & Sequence Locking available



Customer Interaction Center (CIC)

BSNL / MTNL (toll-free): 1800 233 5858 Reliance (toll-free): 1800 200 5858
Tel: 022 6774 5858 Email: cic@Lntebg.com Web: www.Lntebg.com

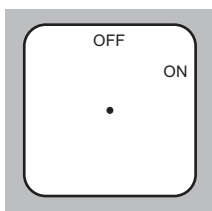
Breaker Control Switches (Trip - Neutral - Close)



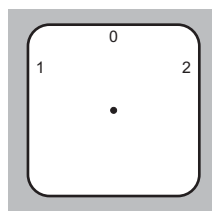
Rating	Contact Arrangement	Mounting Type	Cat. No.	M.R.P. (₹) Per Unit
25A	1Trip + 1Close	Standard	73257SEB03PGGB	1117
25A	1Trip + 1Close	Standard	73257SEB03PGYR	1117
25A	1Trip + 1Close	Barrel Lock	73257SEB90PGBB	1548
25A	2Trip + 2Close	Standard	72009SEB03PGBB	1315
25A	2Trip + 2Close	Standard	72009SEB03PGYR	1315
25A	2Trip + 2Close	Standard	72009SEB03PGGB	1315
25A	2Trip + 2Close	Barrel Lock	72009SEB90PGBB	1876

Other option such as sequence inter lock (SIL) & lost motion device (LMD) available on request.

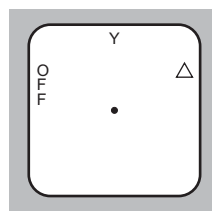
Motor Duty Switches



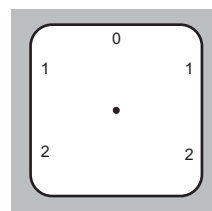
61003



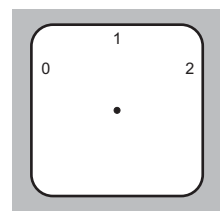
61211



61200



61217



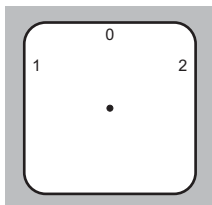
61212

Description	Cat. No. #	M.R.P. (₹) Per Unit						
		6A (SAB13)	25A (SEB03)	32A (SFB03)	40A (SGB03)	63A (SIB03)	100A (SKB03)	200A (SNB03)
ON - OFF Switch	61003	642	795	884	1108	1593	5686	7410
FOR - OFF - REV Switch	61211	484	594	703	1831	2224	5667	9134
Star - Delta Switch	61200	643	836	1050	1603	2053	***	***
2 Speed for FOR - OFF - REV Switch	61217	***	1513^	***	2528	***	***	***
2 Speed forward Switch	61212	705	1378	1727	2170	2660	7087	8184

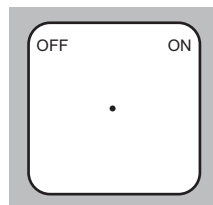
^ Supplied only with ball grip handle

Program Code first 5 digits, Next 5 digits in (), For complete ordering code, kindly refer Page No. 10

Switches in Enclosure



73393, 71913



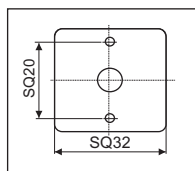
72244



Description	Cat. No.	Amps	M.R.P.
FOR - OFF - Rev in SS with ball grip handle	73393SCM17BGXB	16A	540
FOR - OFF - Rev in SS with ball grip handle	71913SEM17BGYR	25A	826
FOR - OFF - Rev in SS with ball grip handle	71913SFM17BGYR	32A	1214
3 Pole ON - OFF in SS	72244SEM17TDYR	25A	718
3 Pole ON - OFF in SS	72244SFM17TDYR	32A	1047
3 Pole 2Way Without OFF in SS	61153SCM17TDYR	16A	986

For any other rating requirement please contact nearest E&A branch office

Rotary Switch Accessories [8538]



Front Plate Assembly

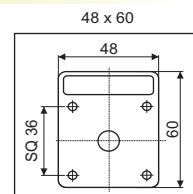
Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Front Plate for 6 to 16A	FP16SQ48	48 x 48	29
Front Plate for 25 & 32A	FP32SQ64	64 x 64	51
Front Plate for 40 to 200A	FP200SQ88	88 x 88	83



Tear Drop Flag Knob Ball Grip Lever Handle

Handles & Knobs

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Flag Handle for 16A	KNFHS2	48 x 48, 48 x 60	18
Flag Handle for 25 - 32A	KNFHS3	64 x 64, 64 x 80	30
Ball Handle for 16 - 32A	HNBHS1	64 x 64, 64 x 80	75
Ball Handle for 40 - 63A	HNBHS2	88 x 88, 104 x 104	83
PG Handle for 16 - 32A	HNPGS1	64 x 64, 64 x 80	88
Lever Handle for 40 - 200A	HNLVS1	88 x 88, 104 x 104	111
Tear Drop for 6 - 16A	KNTDS1	48 x 48, 48 x 60	18
Tear Drop for 16 - 32A	KNTDS2	64 x 64, 64 x 80	30
Tear Drop for 40 - 400A	KNTDS3	88 x 88, 104 x 104	60



Special Front Plate Assembly

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
SPL IND Plates upto 16A	FPRT4860	48 x 60	51
SPL IND Plates for 16 - 32A	FPRT6480	64 x 80	88

Script Plate (marking plate)

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Script Plate for 6 - 16A	SPSQ48	48 x 48	18
Script Plate for 16 - 32A	SPSQ64	64 x 64	20
Script Plate for 40 - 200A	SPSQ88	88 x 88	26
Script Plate for 6 - 16A	SPRT4816	48 x 16	8
Script Plate for 6 - 32A	SPRT6416	64 x 16	8

Mounting Plates (used for Back Fixing Plate)

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Rear MTG Plate for 6 - 16A	MPSQ48	48 x 48	13
Rear MTG Plate for 25 - 32A	MPSQ64	64 x 64	20
Rear MTG Plate for 40 - 63A	MPSQ88	88 x 88	46
Rear MTG Plate for 80 - 400A	MPSQ104	104 x 104	88
DIN Rail Attachment upto 32A	B21DIN35	-	82

Wall Type Mounting Boxes (upto 32A - maximum 4 Contacts)

Description	Cat. No.	M.R.P. (₹) Per Unit
Plastic / ABS Enclosure B17 16A upto 3 Stage / 25A upto 2 Stage	WMBABS	522
Aluminium Enclosure B17 16A upto 3 Stage / 25A upto 2 Stage	WMBAL	869
SS Enclosure M17 upto 32A - 4 Stage	WMBSS	342



B31 PVC Enclosure

Note: Switches to be order separately.

Script Plate - Silver Finish (for Black Front Plate Assembly Only)

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Silver Finish 48 x 48 mm	SFSQ48	48 x 48	18
Silver Finish 64 x 64 mm	SFSQ64	64 x 64	20
Silver Finish 88 x 88 mm	SFSQ88	88 x 88	26
Silver Finish 104 x 104 mm	SFSQ104	104 x 104	45

Shrouding Cover (maximum 6 Contacts Round Type)

Description	Cat. No.	M.R.P. (₹) Per Unit
Shrouding Cover for 6 - 10A	SHCS1	56
Shrouding Cover for 16A	SHCS2	56
Shrouding Cover for 25 - 32A	SHCS3	87
Shrouding Cover for 40 - 63A	SHCS4	91
Special Cover for Extended Termination 80 - 400A (maximum 2 Contact Stage)	SHCS5	667

Ordering Code for Rotary Switches

Example for : 25A 3 Pole ON - OFF Switch


	1. Programme Code				2. Type		3. Ampere		4. Mounting		5. Knob		6. Colour	
25A 3 Pole														
ON - OFF Switch	6	1	1	9	7	S	E	B	0	3	T	D	Y	R

1. Programme Code


Programme	Programme Code
Isolators	Pg. No. 3
Changeovers Switches	Pg. No. 3
Spring Return Switches	Pg. No. 4
Multistep Switches with OFF	Pg. No. 5
Multistep Switches without OFF	Pg. No. 6
Instrumentation Switches	Pg. No. 7
Motor Control Switches	Pg. No. 8
Switches in SS Enclosure	Pg. No. 8
Breaker Control Switches	Pg. No. 8

2. Type Selection


Type	Code
S-Series (6 to 400A)	S
Touch Proof (6 to 16A)	T
Rear Access Termination (16 to 63A)	R
Phase Selector Only for 1 Pole 3 Way with OFF (25 to 63A)	P
DC Switches (16 to 500A)	D



S Series
Open Version



TP Series
Touch Proof



RT Series
Touch Proof &
Rear Termination

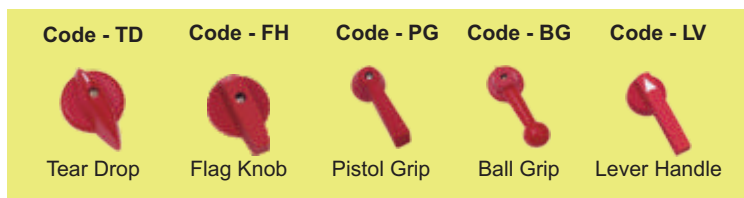
3. Ampere Selection

Ampere	Code	Ampere	Code
6	A	100	K
10	B	125	L
16	C	160	M
20	D	200	N
25	E	250	O
32	F	300	P
40	G	400	Q
50	H	500	R
63	I	600	S
80	J	800	T

4. Mounting Style



5. Knob / Handle Selection



6. Color Combination Selection Table



Front Plate

Standard Style	Frame Size	Bigger Style
Current Ratings 6/10 Amps		Current Ratings ---
16/20 Amps		6/10 Amps
25/32 Amps		16/20 Amps
S40 Amps & above		25/32 Amps
—		S40 Amps & above

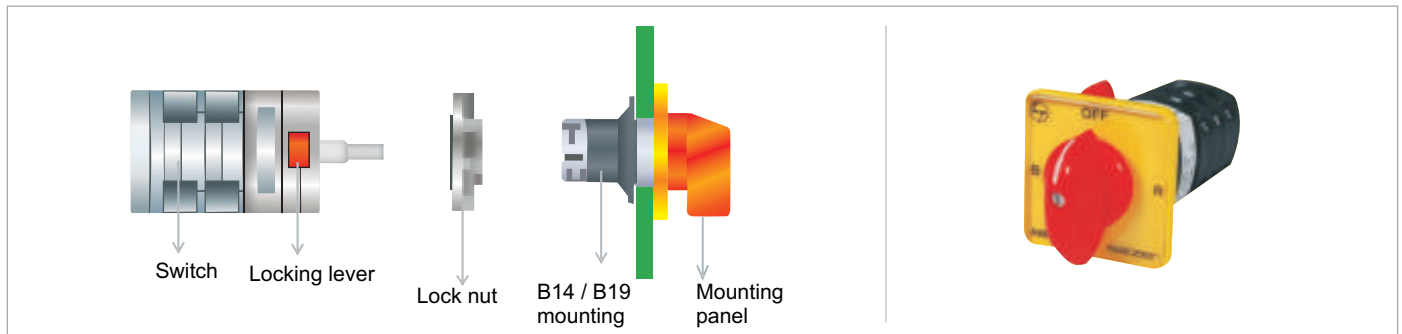
Note: 1. For ratings of 6/10A, standard mounting style is B13
2. Single hole mounting equivalent of B03 is B19 and B13 is B14.

Mounting Feasibility

Mounting Code	Description	Feasibility					
		6/10A	16/20A	25/32A	40/63A	80/100/125A	200/400A
B03	Front Mounting, Standard Mounting plate		✓	✓	✓	✓	✓
B13	Front Mounting with next size plate	✓	✓	✓	✓	✓	✓
B00	Front Mounting 48 x 48 plate for 25/32 A and 64 x 64 plate for 40/63A			✓	✓		
B19	Single Hole Mounting 32 x 32 plate for 6/10A only 48 x 48 Plate for 16-32A	✓	✓	✓			
B14	Single Hole Mounting 48 x 48 plate for 6/10A	✓					
B33	Front Mounting with Round Padlock for 2 Position (for Isolators)		✓	✓	✓	✓	✓
B30	Front Mounting with Rectangular Padlock 2 Position (for Isolators)		✓	✓	✓	✓	✓
B63	Key Lockable type (Handle/Knob)		✓	✓	✓		
B90	Center Key Lock (Pistol grip Handle in black color only)		✓	✓			
B02	Rear / (Back/Base) Mounting	✓	✓	✓	✓	✓	✓
B21	DIN Rail Mounting on 35 mm Rail 6-32 Amps	✓	✓	✓			
B32	Rear / Base Mounting, Door Interlock + Rectangular Padlock (B30+B42)		✓	✓	✓	✓	✓
B34	Rear / Base Mounting, Door Interlock + Round Padlock (B33+B42)		✓	✓	✓	✓	✓
B41	Rear Mounting with Clutch Mechanism on Door (Door Open in all position without Interlock)		✓	✓	✓	✓	✓
B42	Rear Mounting with Interlock Mechanism on Door		✓	✓	✓	✓	✓
F47	Door Clutch, Mounting Plate at front		✓	✓	✓	✓	✓
B17	ABS Enclosure	Max stages	upto 4	upto 3	upto 5	upto 5	
B31	ABS Enclosure with Round Padlock (B33+B17)	Max stages		upto 2	upto 2	upto 2	
M17	Metal Enclosure	Max stages	upto 4	upto 4	upto 3		
A17	Aluminium Enclosure	Max stages	upto 4	upto 3	upto 2		
B40	Single Hole Mounting with Padlock 48 x 48 Plate For 16-32A			✓	✓		
B43	Single Hole Mounting with Center key 48 x 48 Plate for 16-32A			✓	✓		
B45	Single Hole Mounting with Round Ring with Knob 16A-32A			✓	✓		

Single Hole Mounting Rotary Switch

Single hole mounting (SHM) range of rotary switches uses a unique mounting concept that requires just a single Ø22.5 cutout to mount the switches on the panel. These help in reducing the time and cost during assembly.



Benefits:

- **Single hole panel cutout** - makes easier for fitting on the panel
- **Easy mounting** - reduces assembly time by 50% over conventional 5 hole mounting
- **Wiring accessibility** - reduces wiring time, the switch can be wired separately and then snap fitted to the mounting assembly using the locking lever.

There is no additional price for switches with Single hole mounting from standard mounting.

EB - GEN Changeover Switches [8536]

3 Pole EB - GEN Changeover Switches



B13 Mounting

Description	Cat. No.	M.R.P. (₹) Per Unit			
		25A (E)	32A (F)	40A (G)	63A (I)
3 Pole C/O Front Panel Mounting	EB□31153B13BGYR	1852	1929	2250	2341
3 Pole C/O Rear Mounting	EB□31153MB42BGYR	2148	2226	2591	2671
3 Pole C/O in SS Enclosure	EB□31153SB31BGYR	2569	2639	3054	3145
3 Pole C/O Rear Mounting	EB□31153B21BGYR	2148	2226	2591	2671
3 Pole C/O Rear Mounting	EB□31153MB34LHGB	2148	2226	2591	2671
3 Pole C/O in ABS Enclosure	EB□31153B31LBGYR	2569	2639	3054	3145

4 Pole EB - GEN Changeover Switches



MB42 Mounting

Description	Cat. No.	M.R.P. (₹) Per Unit			
		25A (E)	32A (F)	40A (G)	63A (I)
4 Pole C/O Front Panel Mounting	EB□31154B13BGYR	2148	2226	2639	2716
4 Pole C/O Rear Mounting	EB□31154MB42BGYR	2420	2513	2967	3090
4 Pole C/O in SS Enclosure	EB□31154SB31BGYR	2864	2975	3451	3574
4 Pole C/O Rear Mounting	EB□31154B21BGYR	2420	2513	2967	3090
4 Pole C/O Rear Mounting	EB□31154MB34LHGB	2420	2513	2967	3090
4 Pole C/O in ABS Enclosure	EB□31154B31LBGYR	2864	2975	3451	3574

Rating Selection Table



SB31 Enclosure

Ampere (A)	Code (□)
25	E
32	F
40	G
63	I

Note : SB 31 Enclosure for 25A to 63A ratings.

B21 Mounting model is similar to B13 model with links provided on the common side.

*** - Please contact nearest E&A branch office.

Load Break Switches [8536]

- AC 23 utilization category
- Also available in enclosure
- Padlock facility to prevent accidental use
- Ideally used in buildings and for equipment isolation



B03

MB34

SB31M

LB 3 Pole ON - OFF Switches

Description	Cat. No.	Can also be given on request	M.R.P. (₹) Per Unit								
			16A (C)	20A (D)	25A (E)	32A (F)	40A (G)	63A (I)	80A (J)	100A (K)	125A (L)
Single Hole MTG Switch with Flag Knob	LB□32300B19FPYR		635	649	*	*	*	*	*	*	*
Front Plate MTG with Flag Knob	LB□32300B40FPYR		618	635	*	*	*	*	*	*	*
Front Panel MTG with B03 (48x48) Plate	LB□32300B03FLYR	32309	565	578	627	649	744	799	*	*	*
Front Panel MTG with B13 (64x64) Plate with Flag Knob	LB□32300B13FLYR	32306 / 32309	565	578	627	649	744	799	2021	2536	3185
Front Panel MTG with B13 (64x64) Plate with BG Handle	LB□32300B13BGYR	32309	*	*	688	712	806	852	*	*	*
DIN Rail MTG Switch with Flag Knob	LB□32300B23FLGB		*	*	627	649	744	799	*	*	*
Rectangular Pad Lock Switch with TDYR	LB□32300B30TDYR		*	*	758	799	876	922	*	*	*
Round Pad Lock Switch with RDYR	LB□32309B33RDYR		618	634	688	712	806	852	2191	2735	3419
Switch with B63 Lock & Key Version	LB□32309B63TDYR		*	*	1048	1095	1187	1219	*	*	*
Base MTG Switch with DIL and Pad Lock	LB□32309MB34RDYR		986	1017	1095	1155	1203	1296	2920	3645	4558
Base MTG Switch with BG Handle	LB□32309MB42BGYR		986	1017	1095	1155	1203	1296	2920	3645	4558
Switch in ABS Enclosure - in B31SM	LB□32300B31SMRDYR		1251	1290	1392	1429	*	*	*	*	*
Switch in ABS Enclosure - in B31M	LB□32309B31MRDYR		*	*	*	*	1562	1601	*	*	*
Switch in SS Enclosure - in B31L with Leech Handle	LB□32309SB31LLHYR		*	*	*	*	*	*	4112	4847	5751
Switch in SS Enclosure - in SB31L with Leech Handle	LB□32309SB31LLHYR		*	*	*	*	*	*	4112	4847	5751

LB 4 Pole ON - OFF Switches

Description	Cat. No.	Can also be given on request	M.R.P. (₹) Per Unit								
			16A (C)	20A (D)	25A (E)	32A (F)	40A (G)	63A (I)	80A (J)	100A (K)	125A (L)
Single Hole MTG Switch with Flag Knob	LB□32400B19FPYR		790	806	*	*	*	*	*	*	*
Front Plate MTG with Flag Knob	LB□32400B40FPYR		775	790	*	*	*	*	*	*	*
Front Panel MTG with B03 (48x48) Plate	LB□32400B03FLYR	32409	720	736	800	821	962	1017	*	*	*
Front Panel MTG with B13 (64x64) Plate with Flag Knob	LB□32400B13FLYR	32406 / 32409	720	736	800	821	962	1017	2481	3113	3901
Front Panel MTG with B13 (64x64) Plate with BG Handle	LB□32400B13BGYR	32409	*	*	861	885	1025	1071	*	*	*
DIN Rail MTG Switch with Flag Knob	LB□32400B23FLGB		*	*	800	821	962	1017	*	*	*
Rectangular Pad Lock Switch with TDYR	LB□32400B30TDYR		*	*	930	970	1095	1141	*	*	*
Round Pad Lock Switch with RDYR	LB□32409B33RDYR		775	790	861	885	1025	1071	2536	3167	3958
Switch with B63 Lock & Key Version	LB□32409B63TDYR		*	*	1219	1267	1405	1437	*	*	*
Base MTG Switch with DIL and Pad Lock	LB□32409MB34RDYR		1141	1172	1267	1327	1423	1516	3381	4222	5275
Base MTG Switch with BG Handle	LB□32409MB42BGYR		1141	1172	1267	1327	1423	1516	3381	4222	5275
Switch in ABS Enclosure - in B31SM	LB□32400B31SMRDYR		1405	1446	1562	1601	*	*	*	*	*
Switch in ABS Enclosure - in B31M	LB□32409B31MRDYR		*	*	*	*	1780	1820	*	*	*
Switch in SS Enclosure - in B31L with Round Plate	LB□32409SB31LRDYR		*	*	*	*	*	*	4574	5423	6471
Switch in SS Enclosure - in SB31L with Leech Handle	LB□32409SB31LLHYR		*	*	*	*	*	*	4574	5423	6471
Auxiliary Contact	FRONT/REAR MOUNTING		159	159	193	193	193	193	578	578	578
Add-on Contact Additional Pole	FRONT/REAR MOUNTING		162	170	182	204	238	257	675	841	928

Note : Standard packing upto 63A switches is 5 Nos.

Ordering Code for Load Break and Changeover Switches

LB Load Break Switch	□ Switch Rating	XXXXXX Programme Code	XXXXXX Mounting Options	XX Knob Options	XX Colour
------------------------------	-------------------------	-------------------------------	---------------------------------	-------------------------	-------------------

Example

LB Switches, 63A, 3P, 9 O'clock, 4 hole front mounting, with metal shaft, yellow front plate, red round knob

LB I 32309 MB34 RD YR

LB	I	32309	MB34	RD	YR	Description
						Yellow Front Plate/ Red Knob
						64 x 64 Front Plate Round Knob with Padlock (R)
						Metal Shaft with Round Knob with Padlock and Interlock
						3Pole 9 O' Clock "OFF"
						63A
						Load Break Switch

Accessories

LB X	X	XX	XXX
Switch Rating	F-Front Mounting	MC-Main Module	20 - 16A to 20A
	R-Rear Mounting	NC-Neutral Module	32 - 25A to 32A
		AC-Auxiliary Module	63 - 40A to 63A
			80 - 80A
			125 - 100A, 125A & 80A

LB	I	R	NC	32	Description
					32A
					Neutral Module
					Rear Mounting
					63 A
					Load Break Switch

Rating Selection Table

Ampere (A)	Code (□)
16	C
20	D
25	E
32	F
40	G
63	I
80	J
100	K
125	L

*** Note : Please contact nearest E&A branch office.

Cable Ducts [8538]

PVC Cable Ducts

- All ducts are ROHS compliant and FRLS
- Also available in Zero Halogen

Type A	Description	1 meter				2 meter			
		H x W	Cat. No.(Standard slot Grey)	M.R.P. (₹) Per Unit	Std. Pkg.	Min Order Qty	Cat. No.(Standard slot Grey)	M.R.P. (₹) Per Unit	Std. Pkg.
	A 15 x 15	WWA1515SG	55	100	100	WWA1515SG2	110	64	64
	A 15 x 25	WWA1525SG	76	100	100	WWA1525SG2	152	64	64
	A 25 x 25	WWA2525SG	92	70	70	WWA2525SG2	184	48	48
	A 30 x 25	WWA3025SG	101	70	70	WWA3025SG2	202	48	48
	A 40 x 30	WWA4030SG	127	75	75	WWA4030SG2	254	32	32
	A 45 x 25	WWA4525SG	129	75	75	WWA4525SG2	258	40	40
	A 45 x 30	WWA4530SG	130	50	50	WWA4530SG2	260	32	32
	A 45 x 45	WWA4545SG	163	50	50	WWA4545SG2	326	18	18
	A 45 x 60	WWA4560SG	198	50	50	WWA4560SG2	396	12	12
	A 60 x 25	WWA6025SG	163	50	50	WWA6025SG2	326	18	18
	A 60 x 45	WWA6045SG	193	50	50	WWA6045SG2	386	18	18
	A 60 x 60	WWA6060SG	229	32	32	WWA6060SG2	458	12	12
	A 60 x 120	WWA60120SG	780	18	90	WWA60120SG2	1560	8	80
	A 75 x 45	WWA7545SG	240	40	40	WWA7545SG2	480	12	12
	A 75 x 75	WWA7575SG	337	32	32	WWA7575SG2	674	12	12
	A 80 x 80	WWA8080SG	379	25	25	WWA8080SG2	758	12	12
	A 100 x 100	WWA100100SG	612	18	18	WWA100100SG2	1224	8	40

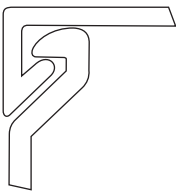


Specially designed profiles of duct and cover for fast and efficient locking.

A Type

- * Snap fit cover
- * Easy to remove

Type B	Description	1 meter				2 meter			
		W x H	Cat. No. (Standard slot)	M.R.P. (₹) Per Unit	Std. Pkg.	Min Order Qty	Cat. No. (Standard slot)	M.R.P. (₹) Per Unit	Std. Pkg.
	B 25 x 25	WWB2525SG	95	70	70	WWB2525SG2	190	36	36
	B 25 x 30	WWB2530SG	101	100	100	WWB2530SG2	202	36	36
	B 25 x 40	WWB2540SG	125	75	75	WWB2540SG2	250	36	36
	B 25 x 45	WWB2545SG	129	75	225	WWB2545SG2	258	36	108
	B 25 x 60	WWB2560SG	163	50	50	WWB2560SG2	326	18	18
	B 25 x 80	WWB2580SG	223	50	50	WWB2580SG2	446	18	18
	B 25 x 100	WWB25100SG	283	25	25	WWB25100SG2	566	18	18
	B 30 x 20	WWB3020UG	125	100	200	WWB3020UG2	250	36	180
	B 30 x 80	WWB3080SG	343	50	200	WWB3080SG2	686	18	90
	B 40 x 40	WWB4040SG	163	50	50	WWB4040SG2	326	18	18
	B 45 x 45	WWB4545SG	169	50	50	WWB4545SG2	338	18	18
	B 40 x 60	WWB4060SG	198	50	50	WWB4060SG2	396	18	18
	B 40 x 80	WWB4080SG	235	50	50	WWB4080SG2	470	18	18
	B 40 x 100	WWB40100SG	295	25	25	WWB40100SG2	590	12	12
	B 45 x 20	WWB4520UG	130	75	225	WWB4520UG2	260	36	180
	B 50 x 100	WWB50100SG	340	30	90	WWB50100SG2	680	12	60
	B 60 x 20	WWB6020UG	178	50	200	WWB6020UG2	356	18	90
	B 60 x 40	WWB6040SG	198	50	50	WWB6040SG2	396	18	90
	B 60 x 60	WWB6060SG	235	50	50	WWB6060SG2	470	12	12
	B 60 x 80	WWB6080SG	306	40	40	WWB6080SG2	612	12	12
	B 60 x 100	WWB60100SG	403	30	30	WWB60100SG2	806	8	8
	B 72 x 64	WWB7264SG	282	32	96	WWB7264SG2	564	18	90
	B 75 x 75	WWB7575SG	399	32	96	WWB7575SG2	798	8	40
	B 75 x 100	WWB75100SG	415	25	75	WWB75100SG2	830	8	40
	B 80 x 40	WWB8040SG	240	50	100	WWB8040SG2	480	12	60
	B 80 x 60	WWB8060SG	318	40	80	WWB8060SG2	636	12	60
	B 80 x 80	WWB8080SG	396	32	32	WWB8080SG2	792	12	12
	B 80 x 100	WWB80100SG	445	24	24	WWB80100SG2	890	8	8
	B 100 x 60	WWB10060SG	379	30	30	WWB10060SG2	758	8	8
	B 100 x 80	WWB10080SG	445	25	25	WWB10080SG2	890	8	8
	B 100 x 100	WWB100100SG	648	18	18	WWB100100SG2	1296	8	8
	B 120 x 80	WWB12080SG	631	18	90	WWB12080SG2	1262	8	40
	B 150 x 100	WWB150100SG	810	12	48	WWB150100SG2	1620	4	40
	B 150 x 150	WWB150150SG	1762	8	80	WWB150150SG2	3524	2	40



Non slip cover design of minimum encumbrance and maximum grip



B Type

- * Non - slip cover
- * Positive locking

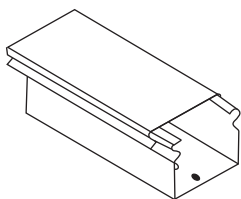
Note : 1) For any special colour request additional 10% will be charged on price. For cut length additional 10% will be charged.
 2) Thin / Unslot will be supplied on request. For thin slot replace the cat. number ending with SG by TG,
 For un slotted channel replace the cat. number ending with SG by UG. MRP will be same as standard slot.

Additional Covers for Cable Duct

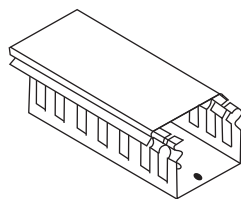
(Cable duct comes with default covers, following are spare offerings)

Description	Cat. No.	M.R.P. (₹) Per Unit
Cover for 15 mm A type	CCA15SG	25
Cover for 25 mm A type	CCA25SG	39
Cover for 30 mm A type	CCA30SG	48
Cover for 45 mm A type	CCA45SG	75
Cover for 60 mm A type	CCA60SG	91
Cover for 75 mm A type	CCA75SG	114
Cover for 80 mm A type	CCA80SG	136
Cover for 100 mm A type	CCA100SG	166
Cover for 25 mm B type	CCB25SG	39
Cover for 30 mm B type	CCB30SG	48
Cover for 40 mm B type	CCB40SG	61
Cover for 45 mm B type	CCB45SG	75
Cover for 50 mm B type	CCB50SG	91
Cover for 60 mm B type	CCB60SG	91
Cover for 72 mm B type	CCB72SG	114
Cover for 75 mm B type	CCB75SG	114
Cover for 80 mm B type	CCB80SG	136
Cover for 100 mm B type	CCB100SG	166
Cover for 120 mm B type	CCB120SG	178
Cover for 150 mm B type	CCB150SG	208

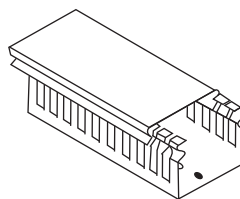
Slotting Styles (A & B Types)



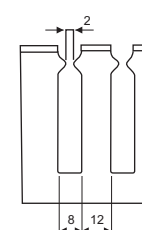
Unslotted
(US)



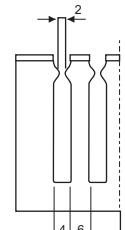
Standard Slotted
(S)



Thin Slotted
(T)



Standard Slot



Thin Slot

DC Switches

- Available from 16A to 500A
- Used for railway coaches lighting & fan circuits switching, all DC power circuits - Railways, Telecommunications & Power plants, Battery charging equipment
- Please contact nearest branch office for prices



These products are manufactured by **salzer**

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We reserve the right to make changes, without prior notice, in the catalogue.

Products with CAT no. having, with or without, dot as suffix are same.

Panel Mounted Earth Leakage Relay with CBCT



A Reliable Safety Device for Protection Against Earth Leakages


- Seven segment LED display for Earth Leakage indication
- Pre-alarm indication on 60% of leakage current setting with dedicated 1C/O + Earth leakage fault indication with 1 C/O.
- Discrete LED indication for Power ON, Alarm and Fault.
- 19 levels of current settings using combination of potentiometer and dip switches on the front facia.
- Wide range of earth leakage current 30 mA to 30 A
- Nano Crystalline CBCT measures the leakage current to the highest accuracy
- Available with RS485 port

Customer Interaction Center (CIC)

BSNL / MTNL (toll-free): 1800 233 5858 Reliance (toll-free): 1800 200 5858
Tel: 022 6774 5858 Email: cic@Lntebg.com Web: www.Lntebg.com


Timing Devices, Supply Monitors & ELR

Timers [9107]

Micon 175	Type	Time	Voltage	Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
		ON Delay	0.3 sec - 30 hrs	240 VAC/24 VAC/DC	1 C/O	12ODT4
110 VAC/24 VAC/DC				11ODT4		1105
12 VDC				15ODT4		900
ON Delay & Interval	0.1 sec - 100 hrs	240 VAC/24 VAC/DC	1 C/O	12WDT4	875	
Star Delta Timer	3 sec - 120 sec	240 VAC	1 NO (Star)+1 NO (Delta)	12SDT0	825	
	3 sec - 30 sec	240 - 415 VAC	1 C/O (Star)+1 C/O (Delta)	14SDT1S	1165	
Signal OFF Delay	0.3 sec - 30 hrs	240 VAC/24 VAC/DC	1 C/O	12RDT4	830	
	0.3 sec - 30 hrs	12 VDC		15DDT4	900	
Multifunction Timer	0.1 sec - 100 hrs	12 - 240 VAC/DC	1 C/O	1CMDT0	1410	
			2 C/O	1CMDTF	1500	
Asymmetrical ON/OFF & OFF/ON	0.1 sec - 100 hrs	12 - 240 VAC/DC	1 C/O	1CJDT0	1410	
One Shot	0.3 sec - 30 hrs	110 VAC/24 VAC/DC	1 C/O	11BDT4	1045	
				240 VAC/24 VAC/DC	12BDT4	1045
				12 VDC	15BDT4	1105
NEW Forward Pause Reverse Timer	ON time : 6 sec -60 min Pause time : 0.1 sec-200 sec	12 - 240 VAC / DC	2 C/O	1CZDTF	1500	

Pause time for Micon 175 star delta timer is 60 msec

1CMDT0 contains ON Delay, Impulse, Signal ON delay, Cyclic ON/OFF, Cyclic OFF/ON, Signal OFF Delay, Signal OFF/ON, Accumulative Delay ON signal, Impulse ON/OFF, Leading edge impulse, Trailing edge impulse, Leading edge Bistable

Micon 225	Type	Timing Range	Voltage	Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
		ON Delay	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O	2AODT5
Star Delta Timer		3 sec - 120 sec	24 - 240 VAC/DC	1 NO (Star)+1 NO (Delta)	2ASDT0	1350
			240 - 415 VAC		2BSDT0	1570
Multifunction Timer		0.1s to 120 days	24 - 240 VAC/DC	2 C/O (1 Inst+1 Delayed)	2A8DT6	1425
Multifunction Multirange		0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O	2A5DT5	1410
			240 - 415 VAC		2B5DT5	1700
Signal Base Multi function - Multirange		0.1 sec - 10 hrs	24 - 240 VAC/DC	1 C/O	2ANDT0	1500
Multifunction Timer 6 Functions		0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O (1 Inst+1 Delayed for 6th Mode)	2A6DT6	1515
			240 - 415 VAC		2B6DT6	1545
True OFF Delay	0.6 sec - 600 sec	24 - 240 VAC/DC	2 C/O	23GDT0	2220	
Asymmetrical ON/OFF	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O	2AADT5	1600	


Pause time for Micon 225 star delta timer is 60 msec, 90 msec, 120 msec, 150 msec

Major timing functions


2A5DT5, 2B5DT5, 2A6DT6* and 2B6DT6* contains ON Delay, Interval, Cyclic ON/OFF, Cyclic OFF/ON, One Shot, ON Delay, On Delay (1 Inst + 1 Delayed)*

2ANDT0 contains ON Delay, Interval, Signal ON Delay, Accumulative ON Delay, Signal OFF Delay, Signal OFF/ON Delay, Leading edge impulse


2A8DT6 contains ON Delay, Impulse, Signal ON delay, Signal OFF delay, Step mode, One shot, Interval, Cyclic ON/OFF, Cyclic OFF/ON, Signal OFF Delay, Accumulative Delay ON signal, Impulse ON/OFF.


Digital Timer DIGICON 	Functions	Time	Voltage	Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
	8 Functions	0.1 sec - 999 hrs	24 - 240 VAC/DC	1 C/O	V0DDTS	1495
			24 - 240 VAC/DC	2 NO	V0DDTD	1495
	18 Functions	0.1 sec - 999 hrs	24 - 240 VAC/DC	1 C/O	V0DDTS1	1695
24 - 240 VAC/DC			2 NO	V0DDTD1	1695	

V0DDTS and V0DDTD contains On Delay, Signal OFF Delay, Cyclic ON/OFF, Signal OFF/ON, Cyclic OFF/ON, Interval, Signal ON/OFF, One Shot output
V0DDTS1 and V0DDTD1 contains ON Delay, Cyclic OFF/ON, Cyclic ON/OFF, Impulse on energizing, Accumulative Delay ON Signal, Accumulative Delay on Inverted signal, Accumulative Impulse ON signal, Signal ON Delay, Inverted Signal On delay, Signal OFF Delay, Impulse ON/OFF, Signal OFF/ON, Leading edge impulse, Trailing edge impulse, Delayed impulse, Negative edge impulse.


Motor Restart Timer 	Type	Timer	Voltage	Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
	Motor Restart Timer	Memory time Tm: 0.2 to 6 sec	110 VAC	1 C/O	23LDT0	1670
		Delay time Td: 0.2 to 60 sec	240 VAC		22LDT0	1670

Time Switches [9107]

FM1 / Quartz  150 Hrs Battery Backup	Product Description			Cat. No.	M.R.P. (₹) Per Unit
	FM1 / Quartz Daily	240 VAC Base/DIN Mounting		J648B1	2450
		110 VAC Base/DIN Mounting		J638B1	3330
		240 VAC Flush Mounting		J648F1	3095
		110 VAC Flush Mounting		J638F1	3230
	FM1 / Quartz Weekly	240 VAC Base/DIN Mounting		J848B1	3330
		110 VAC Base/DIN Mounting		J838B1	3330
		240 VAC Flush Mounting		J848F1	3225
		110 VAC Flush Mounting		J838F1	3225

Digital Time Switch  Crono Pro Crono / Pulse	Product Description			Cat. No.	M.R.P. (₹) Per Unit
	Time Switch (Crono)	110 - 240 VAC 1 C/O Base/DIN 25 ON/OFF Each		67DDT0	2120
		24 VDC 1 C/O Base/DIN 25 ON/OFF Each		6GHDT0	2445
		12 VDC 1 C/O Base/DIN 25 ON/OFF Each		69HDT0	2575
	Time Switch (Crono Pro)	110 - 240 VAC 2 C/O Base/DIN 50 ON/OFF Each		WT2DCDS	3015
	Time Switch (Pulse) *	110 - 240 VAC 1 C/O Base/DIN 16 Pulse		67DDT9	2290
		24V DC 1 C/O Base /Din 16 Pulse		6GHDT9	2590
12V DC 1 C/O Base /Din 16 Pulse		69HDT9	2720		

* For bell and siren application

Astro  Astro Pro Astro Mini	Product Description			Cat. No.	M.R.P. (₹) Per Unit
	Astro Mini	110 - 240 VAC 1 Phase - 2W 1 C/O , Base/Din		T2DDT7	3855
	Astro Pro	110 - 240 VAC 1 Phase - 2W 2 C/O , Base/Din 50 ON/OFF Each		AS2DCDS	5240
	Astro	110 - 240 VAC 3 Phase - 4W 3 Channel 3 N/O , Base/Din		T3DDT0	9535



Note : Astro Mini / Astro Pro is used for lighting control based on sunrise / sunset timings by latitude / longitude settings.

Supply Monitoring Devices [9032]

- SPP includes single phasing, phase sequence and phase unbalance monitoring with auto reset


Voltage Monitoring Relay Series	Type	Supply Monitoring Type	Time delay	Asymmetry	Voltage & Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit		
	 <p>SM 301</p>  <p>SM 500</p>  <p>SM 500 with Neutral Loss Protection</p>  <p>SM 501</p>	SM301 (3Ph, 3W)	Single Phasing Preventor (SPP*) Fail Safe Type	ON Delay 2 sec and OFF Delay 7 sec	65 VAC Asymmetry	415 VAC, 1 C/O	MA51BC	920	
					415 VAC, 2 C/O	MC21B5	1345		
					40 VAC Asymmetry	415 VAC, 1 C/O	MA51BK	930	
SM301 (3Ph, 3W)		Phase loss monitoring Non Fail Safe Type	OFF Delay 500 msec and Recover Delay 2 Sec	30% Fixed	415 VAC, 1 C/O	MA59B5	1055		
 <p>SM 500</p>  <p>SM 500 with Neutral Loss Protection</p>		Selectable Under Voltage + Selectable Over Voltage	Selectable	Selectable ON Delay (0 to 15 min)	-	240 VAC, 1 C/O	MD71B9	1370	
				Selectable ON Delay (0 to 15 sec)	-		MD71BH	1370	
				Selectable OFF Delay (0 to 15 sec)	-		MD71BF	1605	
		SM500 (3 Ph / 1 Ph, 4W)	Single Phasing Preventor + Selectable Under Voltage + Selectable Over Voltage	Selectable	Selectable ON Delay (0 to 15 min) & OFF Delay 5 sec	Phase Asymmetry 10% fixed	240 VAC, 2 C/O	MG73B9	1680
					Selectable ON Delay (0 to 15 sec) & OFF Delay 5 sec	Phase Asymmetry 10% fixed		MG73BH	1680
				Selectable OFF Delay (0 to 15 sec) & ON Delay 5 sec	Phase Asymmetry 10% fixed		MG73BF	1680	
	SPP + UV/OV, with fixed UV (173 V) & OV (288 V)		Selectable ON (10 Sec) and OFF Delay (5 Sec)	Phase Asymmetry 20% fixed		MG73BR	1680		
	SPP + Selectable UV + Selectable OV with Neutral Loss Protection		ON Delay 5 sec and OFF Delay 5 sec, 500ms-1s for Neutral fail	94 VAC Asymmetry	415 VAC, 3 Ph 4W, 2 C/O	MAC04 D0100	1680		
 <p>SM 501</p>	SM501 (3 Ph, 3W)	SPP + Under Voltage (80% of ϕ)	Selectable ON Delay and OFF Delay 15 sec	Selectable Asymmetry (5% to 17%)	415 VAC, 2 C/O	MB53BM	1680		
			Selectable ON Delay 15 sec & OFF Delay 5 sec	Phase Asymmetry 10%		MG53BH	1680		
	Single Phasing Preventor + Selectable Under Voltage + Selectable Over Voltage	Selectable OFF Delay 15 sec & ON Delay 5 sec	Phase Asymmetry 10%	MG53BF		1680			
		ON Delay 5 sec and OFF Delay 5 sec	65 VAC Asymmetry	MG53BI		1580			
		ON Delay 3 min and OFF Delay 5 sec UV 85% of ϕ OV 110% of ϕ	Phase Asymmetry 10%	MG53BO		1580			
 <p>SM 800</p>	SM 800 (3PH/ 3W, 4W)	Single Phasing Preventor+ Selectable Under Voltage + Selectable Over Voltage + Neutral Loss (Applicable for 3P4W).	Power ON Delay (0 to 999 sec) , OFF Delay (0.1 to 999 sec) & ON delay (0.5 to 999 sec)	Voltage: 5 to 99 VAC (Default 60V) , Percentage : 2 to 50% (Default 10%)	145-500 VAC (Line Voltage), 1C/O	DMS110	1655		
					145-500 VAC (Line Voltage), 2C/O	DMS120	1745		
					85-300 VAC/DC (Auxiliary Supply) (P-N), 2 C/O	DMA220	1925		


Note: 3 Ph 3W - 3 Phase 3 Wire system; 3 Ph 4W - 3 Phase 4 Wire system.


Voltage Monitoring Relay Series	Type	Supply Monitoring Type	Time Delay	Asymmetry	Voltage & Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit			
 <p>SM175 3 Ph, 3W</p>	SM175 (3 Ph, 3W)	Phase loss + Phase Sequence Monitoring	ON Delay 500 msec & OFF Delay 100 msec	-	208 - 480 VAC, 1 C/O (Steps of 208 - 220 - 380 - 400 - 415 - 440 - 480 VAC)	MK21D5	1090			
			ON Delay 500 msec & OFF Delay 100 msec	Phase Asymmetry (30% fixed)		MC21D5	1090			
			ON Delay 5 sec & OFF Delay 100 msec (0 to 15s Selectable)	Phase Asymmetry (5% to 15% variable)		MA21DN	1420			
	SM175 (3 Ph, 4W)	Phase loss+ Phase Sequence+ Under Voltage + Over Voltage (UV:-2% to -22% of $\frac{U_n}{\sqrt{3}}$, OV: 2% to 22% of $\frac{U_n}{\sqrt{3}}$)	ON Delay 5 sec and Selectable OFF Delay (0 to 15 sec)	-		Phase Asymmetry (10% fixed)	MD21DF	1420		
				Selectable ON Delay (0.5 to 15 sec) and OFF Delay 5 sec			Phase Asymmetry (10% fixed)	MG21DH	1590	
				ON Delay 5s and Selectable OFF Delay (0 to 15 sec)				MG21DF	1590	
 <p>SM175 3 Ph, 4W</p>	SM175 (3 Ph, 4W)	Phase loss+ Phase Sequence+ Under Voltage + Over Voltage (UV:-2% to -22% of $\frac{U_n}{\sqrt{3}}$, OV: 2% to 22% of $\frac{U_n}{\sqrt{3}}$)	Selectable ON delay (0 to 15 Sec), Selectable OFF delay (0 to 15 sec)	Phase Asymmetry (10% fixed)	120 to 277 VAC (3P, 4W), 1 C/O	MAG03D0424	1730			
					Phase loss+ Phase Sequence+ Under Voltage + Over Voltage (UV:-5% to -25% of $\frac{U_n}{\sqrt{3}}$ / 60% of $\frac{U_n}{\sqrt{3}}$ (Fixed), OV: 5% to 25% of $\frac{U_n}{\sqrt{3}}$ / 110% of $\frac{U_n}{\sqrt{3}}$ (Fixed))	Selectable ON delay (0 to 15 sec/min), Selectable OFF delay (0 to 15 sec/min)	Phase Asymmetry (10% fixed/ 5% to 25% Selectable)	240 VAC (3P, 4W), 1 C/O	MAG03D0425	1730
								MAG03D0426	1730	
	SM175 (3 Ph, 3W)	Phase loss Monitoring	ON delay 750 msec & OFF delay 500 msec	Phase Asymmetry (30% fixed)	415 VAC, 1 C/O	MAG03D0427	1160			

Current Monitoring relay (CMR)

- Microprocessor based relay protects against Overload, Phase reverse, Phase loss, Phase unbalance faults
- Auto/ Manual reset selection
- Fail- safe protection with inbuilt CT upto 45A
- Inverse time model with underload, locked rotor protection and selectable trip class (10A, 10, 20, 30)
- Definite time model with underload and selectable start and trip time

Current Monitoring relay	Phase	Type	Current & Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
	3 Phase	Inverse Time Current Monitoring Relay	2 - 5A 1 C/O	17A422CB0	1925
			3 - 9A, 1 C/O	17A122CB0	
			8 - 24A, 1 C/O	17A222CB0	
		15 - 45A, 1 C/O	17A322CB0		
		Definite Time Current Monitoring Relay	2 - 5A 1 C/O	17B422AA0	
			3 - 9A, 1 C/O	17B122AA0	
	8 - 24A, 1 C/O		17B222AA0		
	1 Phase	Inverse Time Current Monitoring Relay	Definite Type / Instant Trip	2 - 5A 1 C/O	17B322AA0
				3 - 9A, 1 C/O	17C412EB0
				8 - 24A, 1 C/O	17C112EB0
		Definite Time Current Monitoring Relay	15 - 45A, 1 C/O	17C212EB0	
			2 - 5A 1 C/O	17C312EB0	
3 - 9A, 1 C/O			17D412DA0		
8 - 24A, 1 C/O	17D112DA0				
15 - 45A, 1 C/O	17D212DA0				
				17D312DA0	1885

Frequency Monitoring Relay Series 	Relay Type	Time Delay	Voltage & Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
	Over Frequency Monitoring Relay	ON Delay and OFF Delay of 500 ms (Fixed)	110 - 240 VAC, 1 C/O	MI81BJ	2125
			220 - 440 VAC, 1 C/O	MI91BJ	2125
	Under/Over Frequency Monitoring Relay	ON Delay (Fixed) and OFF Delay Selectable	110 - 240 VAC, 1 C/O	MI81BL	2320
220 - 440 VAC, 1 C/O			MI91BL	2320	

PTC Thermistor Relay Series 	Relay Type	Description	Cat. No.	M.R.P. (₹) Per Unit	
	Thermistor Relay		110 - 240 VAC, 2 C/O	MJ83BK	1805
			220 - 440 VAC, 2 C/O	MJ93BK	1820
			24 VAC/DC, 2 C/O	MJA3BK	2105
			110 - 240 VAC, 1 C/O	MJ81BK	1665
			220 - 440 VAC, 1 C/O	MJ91BK	1690

Electro Mechanical Timers [9107]



EM 1000 	Product Description	Cat. No.	M.R.P. (₹) Per Unit	
	EM 1000 ON Delay Auto Reset Synchronous Timer Single Range	B□□□□□	Table-1	
	<p>EM 1000 B□□□□□</p> <p>Timing Ranges (SR)</p> <p>B 0.15 - 3.0 sec C 1.5 - 30 sec D 0.15 - 3.0 min E 1.5 - 30 min F 0.15 - 3.0 hrs G 1.5 - 30 hrs H 0.3 - 6.0 sec J 3.0 - 60 sec K 0.3 - 6.0 min L 3.0 - 60 min M 0.3 - 6.0 hrs N 3.0 - 60 hrs P 0.6 - 12 sec Q 6.0 - 120 sec R 0.6 - 12 min S 6.0 - 120 min T 0.6 - 12 hrs V 6 - 120 hrs</p> <p>Timing Ranges (MR)</p> <p>X 0.15 sec - 3.0 hrs Y 0.3 sec - 6.0 hrs Z 0.6 sec - 12.0 hrs</p> <p>Voltage</p> <p>3 110 VAC 50 Hz 4 240 VAC 50 Hz C 110 VAC 60 Hz D 240 VAC 60 Hz</p> <p>Delay</p> <p>1 Standard ON delay 2 With 'NO VOLT'</p> <p>Mounting</p> <p>B Base Mounting F Flush (door) Mtg.</p> <p>Contact</p> <p>1 1 Inst + 1 Del C/O 2 1 Inst + 2 Del C/O</p> <p>*Add to basic Price. Contact : 240 VAC 6A (Resistive)</p>	<p>*240</p> <p>*230</p>		

Table - 1

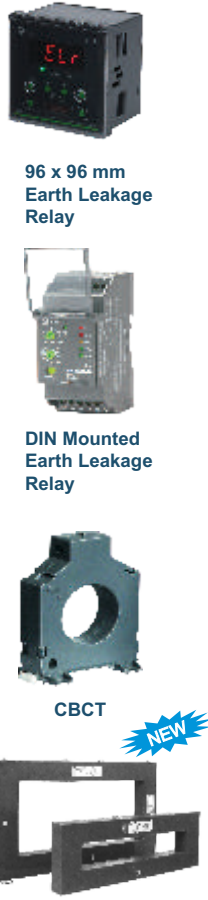
Single Range (SR) (In sec/min/hrs)	M.R.P. (₹) Per Unit for Single Range (SR) (In sec/min/hrs)	Multi Range (MR) with 5 Ranges	M.R.P. (₹) Per Unit
0.15 - 3	3855	0.15 sec - 3 hrs	4575
0.3 - 6		0.3 sec - 6 hrs	
0.6 - 12		0.6 sec - 12 hrs	
1.5 - 30			
3.0 - 60			
6.0 - 120			

Hour Meter & Counter [9029]

Hour Meters 	Product Description	Cat. No.	M.R.P. (₹) Per Unit
	HM36, 85 - 265 VAC Flush Mounting	LA25F1	680
	HM 36, 10 - 80 VDC Flush Mounting	LD17F1	1030
	HM36, 92 - 264 / 270 - 460 VAC Base - DIN Mounting	30A6B1	745
	HM36, 10 - 80 VDC Base/DIN Mounting	30D1B1	1030
	Digital Hour Meter/Digital Counter (Resettable)	Z□□FB□	1320

Hour Meter / Counter		Z □ □ FB □	Bezel
Voltage		1 Hour Meter	A Round
H 10 - 80 VDC		2 Counter	B 24 x 48
7 85 - 265 VAC			C Screw Mount
J 12 - 48 VAC/DC			

Earth Leakage Relay [9032]

Earth Leakage Relays 	Current Range	Type	Voltage & Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit	
	30mA - 30A	Panel mounted (96 x 96 mm) Earth Leakage Relay		110 - 240 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault)	17K716QF4N	3565
			110 - 240 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault) with RS 485	17K716QF4M	5125	
			240 - 415 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault)	17K726QF4N	3565	
			240 - 415 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault) with RS 485	17K726QF4M	5125	
DIN mounted Earth Leakage Relay				110 - 240 VAC, 110 VDC, Manual reset	17G715GF2	3255
				220 - 415 VAC, 220 VDC, Manual reset	17G745GF2	
				15 VDC, Manual reset	17G755GF2	
				110 - 240 VAC, 110 VDC, Auto reset	17G715KF2	
				220 - 415 VAC, 220 VDC, Auto reset	17G745KF2	
				15 VDC, Auto reset	17G755KF2	
CBCT (moulded case) for Type A & AC Current				38 mm ID	17H7NNHN3	1130
				57 mm ID	17H7NNIN3	1530
				70 mm ID	17H7NNQN3	1735
				92 mm ID	17H7NNJN3	1900
				120 mm ID	17H7NNLN3	1980
				210 mm ID	17H7NNKN3	3735
CBCT (moulded case) for Type AC Current				38 mm ID	17H7NNRN3	845
				57 mm ID	17H7NNVN3	945
				70 mm ID	17H7NNSN3	1005
				92 mm ID	17H7NNTN3	1340
			120 mm ID	17H7NNUN3	1560	
Rectangular CBCT (moulded case) for Type AC Current			300 x 50 mm ID	17H9NNWN0	7455	
			350 x 150 mm ID	17H9NNXN0	9070	

CBCT for Type AC : For applications with sinusoidal alternating current from 30mA to 30 A.
 CBCT for Type A and AC : For applications with sinusoidal alternating current (from 30mA to 30A) & pulsating DC current (from 30mA to 3A).
 Please contact nearest branch office for requirements of higher dimension CBCTs.

These products are manufactured by



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Switch to the best.. Gen Next Pro LED Indicator

- Best in class illumination
- SMD LED cluster technology
- Inbuilt Low Voltage Glow Protection
- Terminals designed to accomodate 2 lugs of 2.5 sq. mm each

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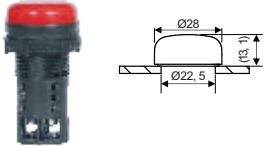

Modular Remote Control Units

Note: All Cat.No. to be ordered in multiple of Standard Packing : 10, Except for Push Button Stations.

Gen Next Series

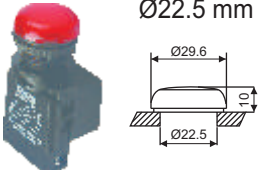
Gen Next LED Indicator [8531]

- Surface Mounted Device LED technology
- Low Power consumption < 1W
- Surge & Low Voltage Glow Protection (LVGP)

Gen Next Pro Ø22.5 mm in Cluster design	Description	Cat. No.	Colour (4 th Digit)	Voltage (5 th , 6 th , 7 th & 8 th Digit)	M.R.P. (₹) Per Unit
	Gen Next Pro LED Indicator 22.5 mm	EPL□□□□□	R-Red G-Green Y-Yellow A-Amber B-Blue W-White	012C - 12 VAC/DC 024C - 24 VAC/DC 030C - 30 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	117 201 Blue & White
				415A - 415 VAC	146 249 Blue & White
	Gen Next LED Indicator 16 mm	SIL□□□□□	R-Red G-Green Y-Yellow A-Amber B-Blue W-White	012C - 12 VAC/DC 024C - 24 VAC/DC 030C - 30 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110C - 110 VAC/DC 240A - 240 VAC	131 220 Blue & White

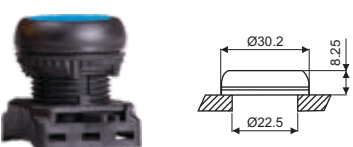
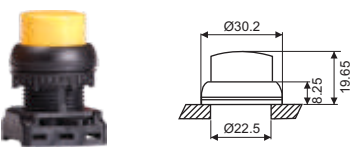
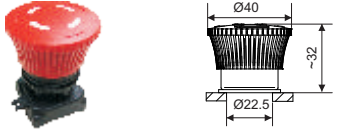
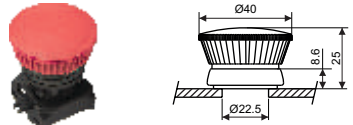
Note * - LED Indicator for Flame Proof Panel application available on request.

Gen Next Universal LED Indicator [8531]


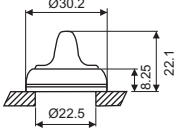







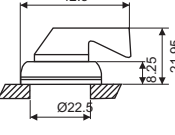







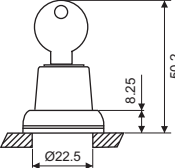







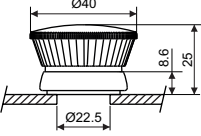

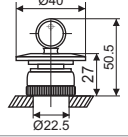

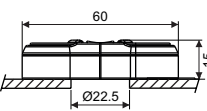
Ø22.5 mm	Description	Cat. No.	Colour (8 th Digit)	Voltage (9 th , 10 th , 11 th & 12 th Digit)	M.R.P. (₹) Per Unit
	Gen Next Universal Voltage LED indicator	EG0100L□□□□□	R-Red G-Green Y-Yellow A-Amber B-Blue W-White	224C-24 to 240V AC/DC 424C-40 to 240V AC/DC	351 421 Blue & White


Gen Next Push Button & Selector Actuators Ø 22.5 mm [8538]

- Snap Mounting with compact contact blocks (EC1C & EC2C)
- Max 3 row x 3 column stackable contact blocks

	Description	Cat. No.	Colour (4 th Digit)	M.R.P. (₹) Per Unit
	Flush Head	EMN□FD1	R-Red G-Green C-Black Y-Yellow W-White B-Blue A-Amber F-Gray	74
	Projecting Head Push Function	EMN□PD1	R-Red G-Green C-Black Y-Yellow W-White B-Blue A-Amber F-Gray	75
	Mushroom Head 'Push - Turn Function'	EMN□MH1	R-Red G-Green C-Black Y-Yellow	146
	Mushroom Head 'Push - Function'	EMN□MD1	R-Red G-Green C-Black Y-Yellow	106

Gen Next Push Button & Selector Actuators Ø 22.5 mm [8538]



	Description	Cat. No.	Colour (4 th Digit)	M.R.P. (₹) Per Unit
 	Symmetric Head	2 Position  Non Spring Return EMN□SK1	R-Red G-Green C-Black W-White	209
		 Spring Return EMN□SI1		
		3 Position  Non Spring Return EMN□SL1		220
		 Spring Return EMN□SJ1		
		 Spring Return L. H. EMN□SM1		
		 Spring Return R. H. EMN□SN1		
 	Lever Head	2 Position  Non Spring Return EMN□LK1	R-Red W-White C-Black	209
		 Spring Return EMN□LI1		
		3 Position  Non Spring Return EMN□LL1		220
		 Spring Return EMN□LJ1		
		 Spring Return L. H. EMN□LM1		
		 Spring Return R. H. EMN□LN1		
 	Lock & Key Rotary Type	2 Position  Non Spring Return EMN□KK1	C-Black	300
		 Spring Return EMN□KI1		
		3 Position  Non Spring Return EMN□KL1		314
		 Spring Return EMN□KJ1		
		 Spring Return L. H. EMN□KM1		
		 Spring Return R. H. EMN□KN1		
 	Push Pull	EG02MG0□	R-Red	290
 	Mushroom Head Lock And Key Actuator	EG02MQ0R00	R-Red	327
 	Twin Touch with Black centre strip	EG02TD0I	-	149



Brass Metal Coller Push Button

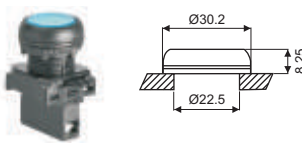
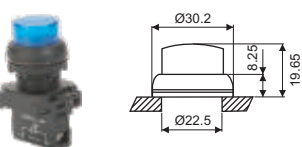
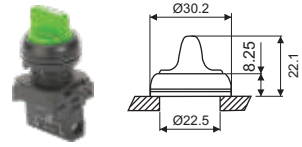




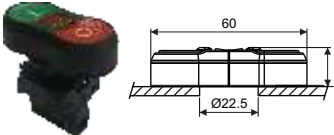
Note :



- Actuators & Selector Actuators with black ABS collar are offered as Standard
- Actuators (except Mushroom Head Push - Pull Actuators) are also available with chrome plated ABS & Brass collar Non-Illuminated Actuator
 - For PU Coated ABS Collar replace 7th digit 1 by 2 eg. : **EMNPD2**
 - For Brass Metal Collar replace 7th digit 1 by 3 eg. : **EMNPD3** (Please contact nearest branch office for MRP)
- Illuminated Actuator
 - For PU Coated ABS Collar replace 4th digit 3 by 5 eg. : **EG05*****
 - For Brass Metal Collar replace 4th digit 3 by 7 eg. : **EG07***** (Please contact nearest branch office for MRP)

Note * - In 2 position selector actuator, for operating style  replace 6th digit from K to R and for operating style  replace 6th digit from K to T


Gen Next Illuminated Push Button Actuators [8531]

- Snap Mounting with compact contact blocks (EC1C & EC2C)


	Description	Cat. No.	Colour (8 th Digit)	Voltage (9 th , 10 th , 11 th & 12 th Digit)	M.R.P. (₹) Per Unit
	Flush Head	EG03FDL□□□□□	R-Red G-Green Y-Yellow A-Amber	012C - 12 VAC/DC 024C - 24 VAC/DC 030C - 30 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC	212
			B-Blue W-White	110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	392 Blue and White
	Projecting Head (Push Function)	EG03PDL□□□□□	R-Red G-Green Y-Yellow A-Amber	012C - 12 VAC/DC 024C - 24 VAC/DC 030C - 30 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC	212
			B-Blue W-White	110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	392 Blue and White
	Selector Actuator with LED holder	2 Position		R-Red G-Green Y-Yellow A-Amber B-Blue W-White	012C - 12 VAC/DC 024C - 24 VAC/DC 030C - 30 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC
		 Non Spring Return EG03SKL□□□□□	311		
		 Spring Return EG03SIL□□□□□			
		3 Position			
		 Non Spring Return EG03SLL□□□□□	464 Blue and White		
		 Spring Return EG03SJL□□□□□			
	Twin Touch with Led Holder	EG03TDL□□□□□	Y- Yellow A-Amber	012C - 12 VAC/DC 024C - 24 VAC/DC 030C - 30 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	266

Note* : 1) In 2 position selector actuator, for operating style  replace 6th digit from K to R and for operating style , replace 6th digit from K to T.
2) Assembly comes with LED holder. Please order contact block EC1C and EC2C separately.

Gen Next Modular Contact Blocks [8538]

	Description	Cat. No.	Colour	Voltage	M.R.P. (₹) Per Unit
	'NO' Block	EC1C	-	-	57
	'NC' Block	EC2C	-	-	57

Spares for Gen Next Series [8531]

	Description	Cat. No.	Colour (8 th Digit)	Voltage (9 th , 10 th , 11 th & 12 th Digit)	M.R.P. (₹) Per Unit
	LED Holder for Gen Next illuminated actuator series	EG08HOL□□□□□	R-Red G-Green Y-Yellow A-Amber	012C - 12 VAC/DC 024C - 24 VAC/DC 030C - 30 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC	154
			B-Blue W-White	110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	310 Blue and White

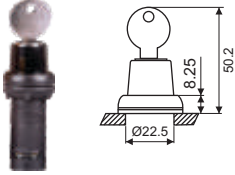






Note : Gen Next Modular Contact Blocks (EC1C and EC2C) can be used only with Gen Next Push Button Actuator



Gen Next Integral Actuator [8536]

- With inbuilt contact arrangement
- Contact rating 6A @ 240AC

	Description	Cat. No.	Contact Configuration (3 rd Digit)	Colour (4 th Digit)	M.R.P. (₹) Per Unit
 	Flush Head	EE□□FD1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow	113
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC	W-White B-Blue A-Amber C-Black	166
 	Projecting Head Push Function	EE□□PD1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow	113
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC	W-White B-Blue A-Amber C-Black	166
 	Mushroom Head Push - Turn	EE□□MH1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow	167
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC	C-Black	227
 	Mushroom Head Push - Function	EE□□MD1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow	141
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC	C-Black	193
 	Symmetric Head Actuator	2 Position	1 - 1 NO 2 - 1 NC 3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)	R-Red G-Green W-White C-Black	230
		 Non Spring Return EE□□SK1			
		 Spring Return EE□□SI1			292
		3 Position			
		 Non Spring Return EE□□SL1			
		 Spring Return EE□□SJ1			
 Spring Return L. H. EE□□SM1					
 Spring Return R. H. EE□□SN1					
 	Lever Head	2 Position	1 - 1 NO 2 - 1 NC 3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)	R-Red G-Green W-White C-Black	230
		 Non Spring Return EE□□LK1			
		 Spring Return EE□□LI1			283
		3 Position			
		 Non Spring Return EE□□LL1			
		 Spring Return EE□□LJ1			
		 Spring Return L. H. EE□□LM1			
 Spring Return R. H. EE□□LN1	292				


Gen Next Integral Actuator [8536]

	Description	Cat. No.	Contact Configuration (3 rd Digit)	Colour (4 th Digit)	M.R.P. (₹) Per Unit	
	Lock & Key Rotary Type	2 Position		1 - 1 NO 2 - 1 NC	C-Black	294
		 Non Spring Return EE□□KK1	EE□□KK1			
		 Spring Return EE□□KI1	EE□□KI1			
		3 Position		3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		362
		 Non Spring Return EE□□KL1	EE□□KL1			
		 Spring Return EE□□KJ1	EE□□KJ1			
	 Spring Return L. H. EE□□KM1	EE□□KM1				
 Spring Return R. H. EE□□KN1	EE□□KN1					

Note * - In 2 position selector actuator, for operating style  replace 6th digit from K to R and for operating style  replace 6th digit from K to T






Panel Mounted Buzzer Ø 22.5 mm [8531]

- IP20 protection
- 80dB at 1 m distance
- Low Power consumption < 0.6W





	Description	Electrical Rating	Cat. No.	M.R.P. (₹) Per Unit	
	22.5 mm Panel Mounted Buzzer Black colour		240 VAC	EG15R00C240A	263
			110 VAC	EG15R00C110A	263
			64 VAC/DC	EG15R00C064C	263
			48 VAC/DC	EG15R00C048C	263
			30 VAC/DC	EG15R00C030C	263
			24 VAC/DC	EG15R00C024C	263
			12 VAC/DC	EG15R00C012C	263

Gen Next Push Button Stations [8536]

- Dimension
- Single Station : 65 x 55 x 33 mm
 - Two Station : 100 x 55 x 53 mm
 - Three Station : 134 x 55 x 53 mm
 - Eight Station : 305 x 55 x 53 mm

	Description	Cat. No.	M.R.P. (₹) Per Unit
	Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC'	EP1FAC01	430
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO'	EP1FAB02	430
	Two Position Symmetric Head Selector Switch - Black with Legend - OFF / ON Contact - 1 'NO'	EP1FAF08	565
	Two Position Lock & Key Rotary Switch with Legend - OFF / ON Contact - 1 'NO'	EP1FAF12	625
	Mushroom Head Actuator 'Push Function' with Legend - STOP Contact - 1 'NC' for Stop	EP1FAC03	457

Gen Next Push Button Stations [8536]

	Description	Cat. No.	M.R.P. (₹) Per Unit
	Mushroom Head Actuator 'Push Turn Type' with Legend - STOP Contact - 1 'NC' for Stop	EP1FAC05	557
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' (Station One)	EP2FAH0201	625
	Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC'		
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' (Station One)	EP2FAH0205	690
	Mushroom Head Actuator 'Push Turn Type' with Legend - STOP Contact - 1 'NC' (Station Two)		
	LED Indicator 240 VAC - Red (Station One)	EP3FAUI1X0201	842
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' (Station Two)		
	Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC' (Station Three)		
	Flush Head Actuator - Green with Legend - FORWARD Contact - 1 'NO' (Station Two)	EP3FAR020102	789
	Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC' (Station Two)		
	Flush Head Actuator - Green with Legend - REVERSE Contact - 1 'NO' (Station Three)		
	Flush Head Actuator - Green with Legend - UP Contact - 1 'NO' (Station Two)	EP3FAS020102	789
	Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC' (Station Two)		
	Flush Head Actuator - Green with Legend - DOWN Contact - 1 'NO' (Station Three)		
	All 7 Flush Head Actuators with NO Contact & Mushroom Head Push Turn	EP8F02	2238
	8 Way push button pendant with hanging provision	EP8F04	2395
	Single Station Enclosure Box without Actuator	EP1FAA ^{\$}	238
	Two Station Enclosure Box without Actuator	EP2FAA ^{\$}	252
	Three Station Enclosure Box without Actuator	EP3FAA ^{\$}	260
	Eight Station Enclosure Box without Actuator	EP8FAA ^{\$}	435

Note: 1. All Gen next push button stations contains integral Actuators.

2. Only integral actuators can be used for converting Gen next enclosure boxes into Gen Next push button station.

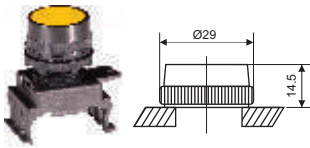
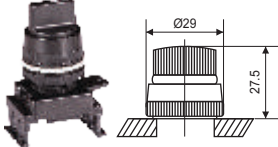






3. For any other combination of actuators/indicators in push button stations please contact nearest branch office.

4. EP8F04 is available in single speed for crane application.

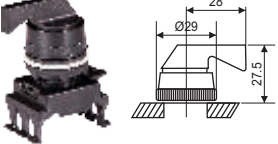






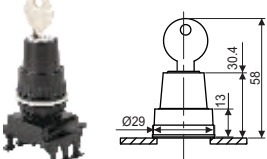






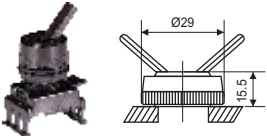

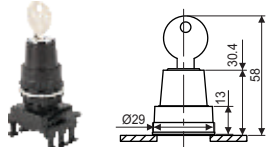

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

Standard Push Button & Selector Actuators Ø 22.5 mm [8538]

- Contact blocks HC61A2 & HC61B2

	Description	Cat. No.	Colour (6 th Digit)	M.R.P. (₹) Per Unit		
	Flush Head	HD15C□	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange 8-Colorless	101		
	Projecting Head 'Push Function'	HD45C□	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange 8-Colorless	101		
	Projecting Head 'Push - Push Function'	HF45C□	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange	220		
	Mushroom Head Ø 40 mm 'Push Function'	HD55C□	1-Red 2-Green 3-Black 4-Yellow	139		
	Mushroom Head 'Push Turn'	HH55C□	1-Red 2-Green 3-Black 4-Yellow	190		
	Mushroom Head With Lock & Key	HQ55C□	1-Red 2-Green 3-Black 4-Yellow	367		
	Mushroom Head 'Push Pull'	HG55B□	1-Red 2-Green 3-Black 4-Yellow 6-Blue	337		
	Twin Touch	HD15G□	3-Black	197		
	Symmetric Head	2 Position		1-Red 2-Green 3-Black 5-White/Opal		
Non Spring Return			HK65C□		270	
Spring Return			HI65C□			
3 Position			287			
Non Spring Return						HL65C□
Spring Return						HJ65C□
Spring Return from L. H.						HM65C□
Spring Return from R. H.				HN65C□		

Standard Push Button & Selector Actuators Ø 22.5 mm [8538]

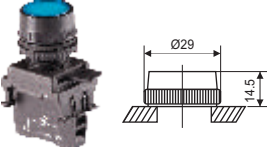
	Description	Cat. No.	Colour (4 th Digit)	M.R.P. (₹) Per Unit	
	Lever Head	2 Position		1-Red 3-Black 5-White/Opal	270
		Non Spring Return	 HK75C□		
		Spring Return	 HI75C□		
		3 Position			287
		Non Spring Return	 HL75C□		
		Spring Return	 HJ75C□		
		Spring Return from L. H.	 HM75C□		
Spring Return from R. H.	 HN75C□				
	Lock & Key Rotary Type	2 Position		3-Black	367
		Non Spring Return	 HK85C□		
		Spring Return	 HI85C□		
		3 Position			386
		Non Spring Return	 HL85C□		
		Spring Return	 HJ85C□		
		Spring Return from L. H.	 HM85C□		
Spring Return from R. H.	 HN85C□				
	Tip Head	2 Position		1-Red 2-Green 3-Black 4-Yellow 5-White/Opal	226
		Non Spring Return	 HP95C□		
	Lock & Key Push Turn	2 Position		3-Black	386
		Non Spring Return	 HH85C□		

Note * - In 2 position selector actuator, for operating style  replace 2nd digit from K to R and for operating style  replace 2nd digit from K to T
 ** For Lock & Key, Key removable position Left, Right or Both

- Note :**
1. Actuators & Selector Actuators with black ABS collar are offered as Standard eg. : **HD15 C1**
 2. Actuators (except Mushroom Head Push - Pull & all types of twin touch Actuators) are also available with PU Coated ABS & Brass collar
 - For PU Coated ABS Collar replace 5th digit C by A eg. : **HD15 A1**
 - For Brass Chrome plated ABS Collar replace C by B eg. : **HD15 B1**
 3. For Non-Illuminated Actuator / Selector Actuator at least 1 NO or NC Block required to make a complete Assembly eg. HD15C1 + HC61A2 makes complete assembly of flush head actuator with 1 NO Block



Standard Illuminated Actuators With LED [8531]

- Illuminated Actuators Pre-assembled with LED Holder
- Contact blocks HC61A2 & HC61B2



	Description	Cat. No.	Colour (4 th Digit)	Voltage (5 th , 6 th , 7 th & 8 th Digit)	M.R.P. (₹) Per Unit
	Flush Head	EAL□□□□FD1	R-Red G-Green Y-Yellow A-Amber	012C - 12 VAC/DC 024C - 24 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC	258
			B-Blue W-White	240A - 240 VAC 220D - 220 VDC	489

Standard Illuminated Actuators With LED [8531]

	Description	Cat. No.	Colour (4 th Digit)	Voltage (5 th , 6 th , 7 th & 8 th Digit)	M.R.P. (₹) Per Unit	
	Projecting Head (Push Function)	EAL□□□□PD1	R-Red G-Green Y-Yellow A-Amber	012C - 12 VAC/DC 024C - 24 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC	258	
			B-Blue W-White	240A - 240 VAC 220D - 220 VDC	489	
	Projecting Head (Push - Push Function)	EAL□□□□PF1	R-Red G-Green Y-Yellow A-Amber	012C - 12 VAC/DC 024C - 24 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC	376	
			B-Blue W-White	240A - 240 VAC 220D - 220 VDC	606	
	Twin Touch	EAL□□□□TD1	Y-Yellow A-Amber	012C - 12 VAC/DC 024C - 24 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	338	
	Selector Actuator with Gen Next LED	2 Position Non Spring Return  EAL□□□□SK1	R-Red G-Green Y-Yellow A-Amber	012C - 12 VAC/DC 024C - 24 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	408	
		2 Position Spring Return  EAL□□□□SI1	B-Blue W-White		606	
		3 Position Non Spring Return  EAL□□□□SL1	R-Red G-Green Y-Yellow A-Amber		427	
		3 Position Spring Return  EAL□□□□SJ1	R-Red G-Green Y-Yellow A-Amber		012C - 12 VAC/DC 024C - 24 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	
		3 Position Spring Return from L. H.  EAL□□□□SM1	B-Blue W-White			626
		3 Position Spring Return from R. H.  EAL□□□□SN1				

Note* : 1) In 2 position selector actuator, for operating style  replace 10th digit from K to R and for operating style  replace 10th digit from K to T.
 2) Assembly comes with LED holder. Please order contact block HC61A2 and HC61B2 separately.
 3) For Illuminated Actuators / Selector Actuators at least 1 LED Holder is required for electrical connection.

Standard Modular Contact Blocks

	Description	Cat. No.	Colour (4 th Digit)	Voltage (5 th , 6 th , 7 th & 8 th Digit)	M.R.P. (₹) Per Unit
 [8538]	'NO' Block	HC61A2	-	-	76
	'NC' Block	HC61B2	-	-	76
 [8531]*	LED Holder for Standard series	EHL□□□□□	R-Red G-Green Y-Yellow A-Amber B-Blue W-White	012C - 12 VAC/DC 024C - 24 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	157 367 Blue & White

Universal Push Button Stations (in ABS Engineering plastic body) [8536]

Dimension • Single Station : 75 x 75 x 56 mm • Two Station : 127 x 75 x 56 mm
 • Three Station : 160 x 75 x 56 mm

	Description	Cat. No.	M.R.P. (₹) Per Unit
	Flush Head Actuator - Red with Laser Marking - STOP Contact - 1 'NC'	EWS1C01AC062	520
	Flush Head Actuator - Green with Laser Marking - START Contact - 1 'NO'	EWS1C01AC063	520
	Two Position Symmetric Head Selector Switch - Black with Laser Marking - OFF / ON Contact - 1 'NO'	EWS1C01AF064	687
	Illuminated Actuator - Green with Laser Marking - ON Contact - 1 'NO' - 240 VAC	EWS1C01AA070	613
	Two Position Lock & Key Rotary Switch with Laser Marking - OFF / ON Contact - 1 'NO'	EWS1C01AF065	777
	Mushroom Head Actuator 'Push Function' with Laser Marking - STOP Contact - 1 'NC' for Stop	EWS1C13AC054	553
	Mushroom Head Actuator 'Push Turn type' with Laser Marking - STOP Contact - 1 'NC' for Stop	EWS1C13AC051	624
	"Mushroom Head Actuator with Lock and Key on Yellow Cover, with Laser Marking - STOP, Contact - 1 'NC' for Emergency Stop"	EWS1C13AC066	760
	Push Button Station with Push Pull Emergency Switch, Red with 1 NC	EWS1C13AC069	675
	Flush Head Actuator - Green with Laser Marking - START Contact - 1 'NO' (Station One) Flush Head Actuator - Red with Laser Marking - STOP Contact - 1 'NC' (Station Two)"	EWS2C01AH045	751
	Flush Head Actuator - Green with Laser Marking - START Contact - 1 'NO' (Station One) Mushroom Head Actuator 'Push Turn Type' with Laser Marking - TOP Contact - 1 'NC'"	EWS2C01AH067	833
	Flush Head Actuator - Green with Laser Marking - START Contact - 1 'NO' (Station One) Mushroom Head Actuator 'Lock & Key Type' with Laser Marking - STOP Contact - 1 'NC'"	EWS2C01AH068	983
	Pilot Light 240 VAC White (Station One) Flush Head Actuator - Green with Laser Marking - START Contact - 1 'NO' (Station Two) Flush Head Actuator - Red with Laser Marking - STOP Contact - 1 'NC' (Station Three)"	EWS3C01AH048	1018
	Flush Head Actuator - Green with Laser Marking - FORWARD Contact - 1 'NO' (Station One) Flush Head Actuator - Red with Laser Marking - STOP Contact - 1 'NC' (Station Two) Flush Head Actuator - Green with Laser Marking - REVERSE Contact - 1 'NO' (Station Three)"	EWS3C01BJ055	954
	Flush Head Actuator - Green with Laser Marking - UP Contact - 1 'NO' (Station One) Flush Head Actuator - Red with Laser Marking - STOP Contact - 1 'NC' (Station Two) Flush Head Actuator - Green with Laser Marking - DOWN Contact - 1 'NO' (Station Three)"	EWS3C01AS055	954

Universal Push Button Stations (in ABS Engineering plastic body) [8538]


Push Buttons Station Enclosure

- Dimension
- Single Station : 75 x 75 x 56 mm
 - Two Station : 127 x 75 x 56 mm
 - Three Station : 160 x 75 x 56 mm
 - Four Station : 215 x 75 x 70 mm
 - Five Station : 270 x 75 x 71 mm

	Description	Cat. No.	M.R.P. (₹) Per Unit
	Enclosure Grey-Black single hole	EWS1C01AA	302
	Enclosure Grey-Black & 2 hole of Ø 22.5	EWS2C01AA	392
	Enclosure Grey-Black & 3 holes of Ø 22.5	EWS3C01AA	480
	Enclosure Grey-Black & 4 holes of Ø 22.5	EWS4C01AA	676
	Enclosure Yellow-Black single hole	EWS1C13AA	302
	Enclosure Yellow-Black & 2 hole of Ø 22.5	EWS2C13AA	392
	Enclosure Yellow-Black & 3 holes of Ø 22.5	EWS3C13AA	480
	Enclosure Yellow-Black & 4 holes of Ø 22.5	EWS4C13AA	676
	Enclosure Yellow-Black & 5 holes of Ø 22.5	EWS5C13AA	779


Standard All Purpose Enclosures [8538]

Dimension: 110 x 80 x 65 mm


 <p>Note : with plastic screws</p>	Description	Cat. No.	M.R.P. (₹) Per Unit
	All Grey without hole	HF999000	295
	All Grey & 1 hole of Ø 22.5	HF999001	295
	All Grey & 2 holes of Ø 22.5	HF999002	295





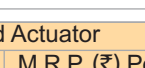
Note: All series actuators and contact block can be used to convert all purpose enclosure box into standard push button station.


Accessories and Spares [8538]


Metal Plates - Spare	Description	Cat. No.	M.R.P.(₹) Per Unit
	Small	HH2420122	18
	Large	HH2420124	18
	Square	HH2420123	18

Note: Printing as per customer requirement

Fixing Device	Cat. No.	M.R.P. (₹) Per Unit
	HH192000	64

Plastic Plate	Cat. No.	M.R.P. (₹) Per Unit
 Yellow legend plate	HB135000	54
 Padlock Yellow (for Mushroom head Actuator)	HF192024	135
 Padlock Transparent (for Flush head Actuator)	HF192025	123
 Protecting Shroud for Emergency Push Button	HF195020A	62
 Protecting Shroud	HF195004	54





Shroud (Boot) for Actuator	Colour	Standard Actuator		Gen Next Actuator	
		Cat. No.	M.R.P. (₹) Per Unit	Cat. No.	M.R.P. (₹) Per Unit
 (For IP67 protection of actuators)	White	NA	NA	HB17101	25
	Red	HH152002	22	HB17301	
	Green	HH153003		HB17401	
	Black	HH154004		NA	
	Yellow	HH155005		HB17501	
	Blue	NA	NA	HB17701	30
	Amber	NA	NA	HB17801	
	Colourless	HH150100	30	HB190003	

Spare Lens Cap	Colour	Cat. No.		M.R.P. (₹) Per Unit
		Non Illuminated	Illuminated	
	Red	HB103002	HB103103	17
	Green	HB104000	HB104101	
	Black	HB102006	NA	
	Yellow	HB105008	HB105109	
	White/Opal	HB101004	HB101105	
	Blue	HB107010	HB107111	
	Orange	HB108012	HB108113	
	Colourless	NA	HB100107	

Note: It can be used for Gen Next as well as standard actuators.

	Cat. No.	Colour	M.R.P. (₹) Per Unit
Collar (For Flush/Projecting Head) 	HB196000	Chrome Plated 'ABS'	16
	HB192000	Black	16
	HB326000	Brass	52
Adaptor Ring * (For 30 to 22 mm in Panel Cutout conversion) 	HH180000	Gray	23
	HH182004	Black	
	HH196006	Chrome Plated 'ABS'	
Blanking Plugs 	HH180002	Gray	44
	HH182009	Black	
	HH196010	Chrome Plated 'ABS'	
Center Indication Strip (For Twin Touch Actuator) 	HB102058	Black	44
	HB105163	Yellow	
	HB108169	Orange	
	HB100161	Colourless	

* It can be used to convert Gen Next actuator series to TK3 Ø30 mm mounting.

Clips for Modular Blocks	Description	Cat. No.	M.R.P. (₹) Per Unit	Clips for Modular Blocks	Description	Cat. No.	M.R.P. (₹) Per Unit
	Second Row Clip (For Vertical Cascading)	HC122030	25		First Row Clip	HC922002	25
		Side Row Clip (For Horizontal Cascading)			HC929002		

Note: First Row Clip is included for all std series Push Button Actuators, Selector Actuators & Mushroom Head Assembly

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We reserve the right to make changes, without prior notice, in the catalogue.

Products with CAT no. having, with or without, dot as suffix are same.

These products are manufactured by



Discontinued products

The following products have been discontinued Timing Devices & Supply Monitors

Timer Type	Discontinued		Alternate	
	Family	Cat. Nos.	Family	Cat. Nos.
Timer	EM2000	C□□□B1	Micon 225	2AODT5
Time switches	Astro GSM Accessorie	19D2000C, 19D20B00, 19A1000B, T2DDT0, TGDDT6, GFDNN1,GFDNN3M	Astro Pro	AS2DCDS

Push Button Stations

Product	Stations	Description	Discontinued Cat No.	Alternate Cat No.
Push button stations	1	Red flush head actuator with 1 NC contact	JAA10000	EWS1C01AC062
	1	Green flush head actuator with 1 NO contact	JAB20000	EWS1C01AC063
	1	Illuminated Green Actuator with Laser Marking - Start Contact - 1 'NO' - 240 VAC	JAD60000	EWS1C01AA070
	1	Two position symmetric head actuator with 1 NO	JAH20000	EWS1C01AF064
	1	Two position lock and key actuator with 1 NO	JAI20000	EWS1C01AF065
	1	Mushroom head actuator push function with 1 NC contact	JAE10000	EWS1C13AC054
	1	Mushroom head actuator push turn function with 1 NC contact	JAF10000	EWS1C13AC051
	1	Mushroom head lock and key actuator with 1 NC contact	JAG10000	EWS1C13AC066
	1	Mushroom head actuator push pull function with 1 NC contact	TJ51B2	EWS1C13AC069
	2	Red flush head actuator with 1 NC contact + Green flush head actuator with 1 NO contact	JBB2A100	EWS2C01AH045
	2	Green flush head actuator with 1 NO contact + Mushroom head actuator (push turn) with 1 NO contact	JBB2F100	EWS2C01AH067
	2	Green flush head actuator with 1 NO contact + Mushroom head actuator(lock and key type) with 1 NO contact	JBB2G100	EWS2C01AH068
	3	Pilot light+ Red flush head actuator with 1 NO + Green flush head with 1 NC contact (Start Stop)	JCZ4B2A1	EWS3C01AH048
	3	2 Flush head Green actuator with 1 NO contact+Flush head Red Actuator with 1 NC contact (Forward-Stop-Reverse)	JDB2A1B2	EWS3C01BJ055
	3	2 Flush head Green actuator with 1 NO contact+Flush head Red Actuator with 1 NC contact (Up-Stop-Down)	JEB2A1B2	EWS3C01AS055
	1	Single hole enclosure	Hf999004	EWS1C01AA
	2	2 hole enclosure	HF999005	EWS2C01AA
	3	3 hole enclosure	HF999003	EWS3C01AA
	3	1 hole enclosure Yellow/Grey HF995001	HF995001	EWS1C13AA
3	4 hole enclosure HF999024	HF999024	EWS4C13AA	

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All prices are on maximum retail price basis inclusive of all duties, GST & any other Tax as applicable.

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All the products listed in the price list carry a warranty, against manufacturing defects for a period of 18* months from the date of purchase.

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Product improvement is a continuous process. For the latest information and special application, please contact any of our offices listed here. Product photographs shown for representative purpose only.



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