



**Maximum Retail Prices
for Panel Accessories**
Effective from 01-02-2021



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 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.

L&T's ESP is the first low voltage switchgear
manufacturer in India that has
received this recognition.



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Timing Devices, Supply Monitors & ELR	18
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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

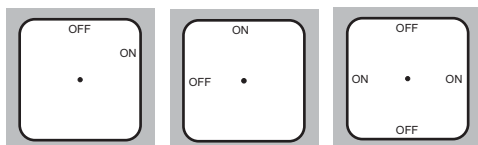
Basic Multifunction meters

Advanced Multifunction meters

MD Controller

Rotary Switches

Cam Operated Rotary Switches [8536]



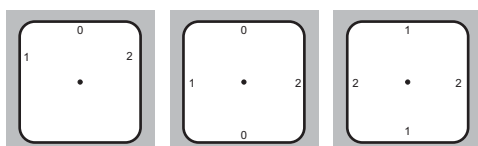
Isolators Switches (ON-OFF Switches)



60° Operation	90° Operation	90° Operation Complete Rotation	Description	M.R.P. (₹) Per Unit								
Cat. No.				6A	10A	16A	25A	32A	40A	63A	100A	200A
61001	61191	61195	1 Pole ON - OFF	130	236	298	324	405	516	603	3169	4092
61002	61192	61198	2 Pole ON - OFF	167	270	340	398	471	623	772	3961	5332
61003 ^{\$}	-	-	3 Pole ON - OFF	182	324	611	750	834	1045	1503	5364	6991
-	61199	61197		182	324	398	522	580	728	1044	4876	6659
61004	61194	61196	4 Pole ON - OFF	224	365	425	634	677	823	1241	5648	7918

Offered upto 12 Pole

^{\$} Motor Duty Switch (AC-3 Duty)

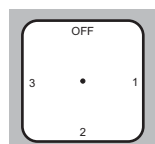


Changeover Switches (Local - Remote, Auto - Manual Switches)



With Center OFF (60°)	With OFF (90°)	Without OFF (90°) with Complete Rotation	Description	M.R.P. (₹) Per Unit								
Cat. No.				6A	10A	16A	25A	32A	40A	63A	100A	200A
61025	61151	61037	1 P 2W	167	297	374	405	452	603	816	4092	5918
61026	61152	61038	2 P 2W	224	359	425	546	634	828	1241	5991	9018
61027	61153	61039	3 P 2W	275	445	569	823	889	1044	1667	7757	11540
61028	61154	61040	4 P 2W	340	519	655	1079	1138	1256	2090	9795	14405

Phase Changeover (PS Series Switches)



Cat. No.	Description	M.R.P. (₹) Per Unit			
		25A	32A	40A	63A
61060	1 P 3W with OFF	373	466	680	765

Phase Changeover in SS enclosure

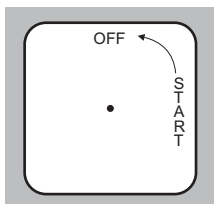


Cat. No.	Description	M.R.P. (₹) Per Unit			
		25A	32A	40A	63A
72347P □ M17TDYR.	PS Series Switches in SS enclosure	2616	2755	4074	4171

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

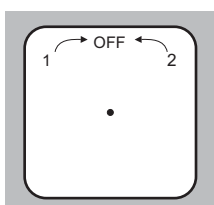
Spring Return Switches [8536]

ON - OFF Spring Return Switches



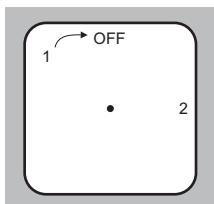
Description	Cat. No.	M.R.P. (₹) Per Unit	
		16A	25A
1 P ON - OFF	61351	642	983
2 P ON - OFF	61352	671	1112
3 P ON - OFF	61353	763	1330
4 P ON - OFF	61354	900	1452

Double Throw with Spring Return Switches



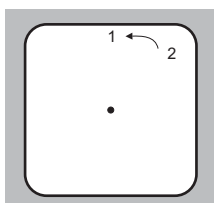
Description	Cat. No.	M.R.P. (₹) Per Unit	
		16A	25A
1 P 2W W/OFF Spring Return	61361	671	1112
2 P 2W W/OFF Spring Return	61362	989	1452
3 P 2W W/OFF Spring Return	61363	1080	1809

One Side Spring Return Switches



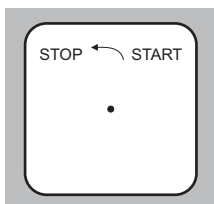
Description	Cat. No.	M.R.P. (₹) Per Unit	
		16A	25A
1 P 3W Spring Return - OFF from 1	61364	612	1112
2 P 3W Spring Return - OFF from 1	61365	900	1452
3 P 3W Spring Return - OFF from 1	61369	980	1809

Spring Return Switches without OFF



Description	Cat. No.	M.R.P. (₹) Per Unit	
		16A	25A
1 P 2W Spring Return - from 2 to 1	61371	612	1112
2 P 2W Spring Return - from 2 to 1	61372	900	1452
3 P 2W Spring Return - from 2 to 1	61373	980	1809

Start Stop Spring Return Switches

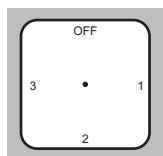


Description	Cat. No.	M.R.P. (₹) Per Unit	
		16A	25A
1 P Start Stop Spring Return	61300	763	1123
2 P Start Stop Spring Return	61388	900	1452

Multi Step Switches [8536]

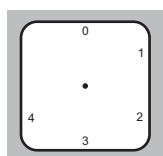


Multi Step Switches with OFF



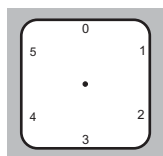
3 Way

Description	Cat. No.	M.R.P. (₹) Per Unit								
		6A	10A	16A	25A	32A	40A	63A	100A	200A
1 P 3W	61060	197	338	391	PS Series Switches (Refer page no. 2)				4158	6315
2 P 3W	61080	275	397	476	647	700	1006	1132	6115	9657
3 P 3W	61100	398	532	807	964	1050	1343	1747	7985	12678
4 P 3W	61131	506	681	978	1204	1321	1797	2098	10088	15896



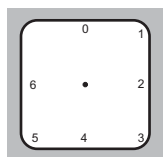
4 Way

1 P 4W	61061	230	304	569	684	757	861	1167	***	***
2 P 4W	61081	398	572	671	722	837	***	1365	***	***
3 P 4W	61101	548	***	1068	1204	1382	***	2098	14768	19068
4 P 4W	61132	663	1069	1355	1445	1542	2038	2421	20719	***



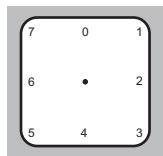
5 Way

1 P 5W	61062	252	485	655	852	866	***	1249	***	***
2 P 5W	61082	461	747	873	1161	1365	1401	1753	***	***
3 P 5W	61102	612	1371	1512	1644	***	2026	2372	19657	***



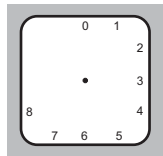
6 Way

1 P 6W	61063	333	***	634	***	882	912	***	***	***
2 P 6W	61083	548	***	923	***	***	***	***	***	***
3 P 6W	61103	763	***	1741	1937	***	***	2442	***	***



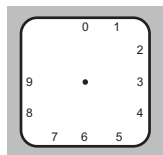
7 Way

1 P 7W	61064	340	560	686	866	906	941	1461	***	***
2 P 7W	61084	574	***	907	1358	**	2003	2319	***	***
3 P 7W	61104	792	***	1468	1783	***	2730	3213	***	***



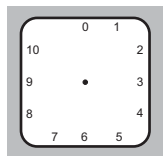
8 Way

1 P 8W	61065	384	***	679	1189	***	1490	***	***	***
2 P 8W	61085	629	***	1238	***	***	***	***	***	***



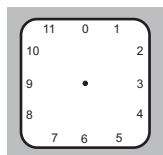
9 Way

1 P 9W	61066	398	***	***	***	***	***	***	***	***
2 P 9W	61086	714	***	1813	***	***	***	***	***	***



10 Way

1 P 10W	61067	461	***	945	***	***	***	***	***	***
2 P 10W	61087	736	***	***	***	***	***	***	***	***

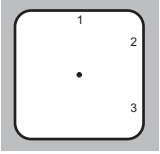
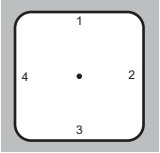
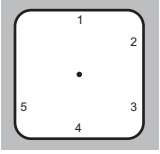
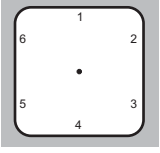
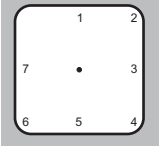
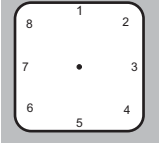
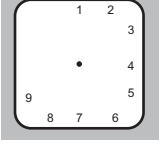
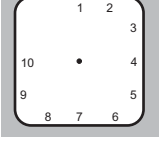
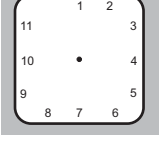
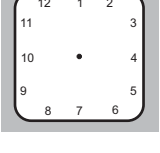


11 Way

1 P 11W	61068	548	***	864	2214	***	***	***	***	***
2 P 11W	61088	836	***	***	***	***	***	***	***	***

***Prices are available on request.

Multi Step Switches without OFF

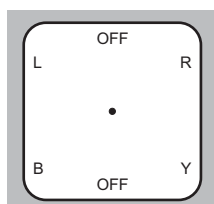
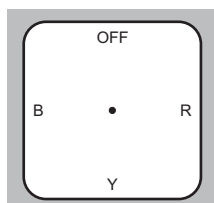
	Description	Cat. No.	M.R.P. (₹) Per Unit								
			6A	10A	16A	25A	32A	40A	63A	100A	200A
 3 Way	1 P 3W W/O OFF	61049	187	325	400	499	522	801	906	***	***
	2 P 3W W/O OFF	61069	275	492	557	660	***	1006	1189	6115	***
	3 P 3W W/O OFF	61089	398	612	836	964	1050	***	1747	***	12798
	4 P 3W W/O OFF	61120	506	681	966	1225	1305	2867	3161	***	***
 4 Way	1 P 4W W/O OFF	61050	211	351	483	603	634	875	1218	4158	***
	2 P 4W W/O OFF	61070	310	511	569	712	778	1050	1365	6425	10376
	3 P 4W W/O OFF	61090	420	499	907	1138	1256	1375	1835	8462	13989
	4 P 4W W/O OFF	61121	586	681	1058	1375	1461	1835	2450	10396	17700
 5 Way	1 P 5W W/O OFF	61051	252	368	521	677	***	***	***	***	***
	2 P 5W W/O OFF	61071	461	***	714	***	***	***	***	***	13145
	3 P 5W W/O OFF	61091	612	***	1380	1490	***	1681	2442	***	***
 6 Way	1 P 6W W/O OFF	61052	269	***	650	756	866	1012	1278	6115	11967
	2 P 6W W/O OFF	61072	534	***	878	1349	1388	1401	1791	12186	15660
	3 P 6W W/O OFF	61092	650	1284	1490	1610	1670	1827	2442	20719	32757
 7 Way	1 P 7W W/O OFF	61053	333	***	***	896	***	***	***	10778	***
	2 P 7W W/O OFF	61073	574	***	980	1375	***	***	***	***	***
	3 P 7W W/O OFF	61093	792	***	1620	2080	***	***	3288	***	***
 8 Way	1 P 8W W/O OFF	61054	340	666	736	906	954	1057	1542	***	***
	2 P 8W W/O OFF	61074	606	***	1238	1435	***	***	***	***	***
	3 P 8W W/O OFF	61094	851	***	1769	1872	1907	2187	3452	***	***
 9 Way	1 P 9W W/O OFF	61055	398	***	1173	***	***	***	***	***	***
	2 P 9W W/O OFF	61075	671	***	1115	***	***	***	***	***	***
 10 Way	1 P 10W W/O OFF	61056	425	706	1303	***	***	***	***	***	***
	2 P 10W W/O OFF	61076	743	***	***	***	***	***	***	***	***
 11 Way	1 P 11W W/O OFF	61057	786	***	***	***	***	***	***	***	***
	2 P 11W W/O OFF	61077	900	***	***	***	***	***	***	***	***
 12 Way	1 P 12W W/O OFF	61058	830	***	966	2288	2437	***	***	***	***
	2 P 12W W/O OFF	61078	973	***	***	***	***	***	***	***	***

***Prices are available on request.

Instrumentation Selector Switches [8536]

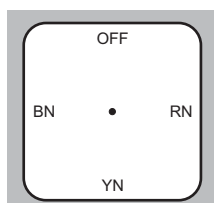
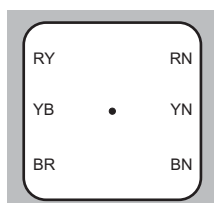
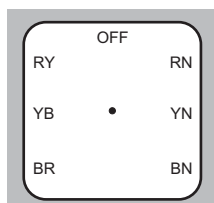
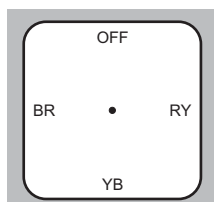


Ammeter Selector Switches (ASS)



Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Line Currents with OFF with CT	61325 SAB13TDYR	6A	277
Line Currents with OFF with CT	61325 SBB13TDYR	10A	315
Line Currents with OFF with CT	61325 SCB03TDYR	16A	421
Line Currents with OFF without CT	71000 SCB03TDYR	16A	1208
Direct Currents with OFF without CT	71000 SEB03TDYR	25A	1375
Direct Currents with OFF without CT	71000 SFB03TDYR	32A	1651
Direct Currents with OFF without CT	71000 SGB03TDYR	40A	2901
Direct Currents with OFF without CT	71000 SIB03TDYR	63A	3059

Voltmeter Selector Switches (VSS)



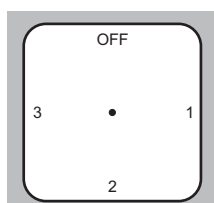
Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases with OFF	61312 SAB13TDYR	6A	201
Voltage between Phases with OFF	61312 SBB13TDYR	10A	286
Voltage between Phases with OFF	61312 SCB03TDYR	16A	380

Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases & Individual Phases to Neutral with OFF	61313 SAB13TDYR	6A	357
Voltage between Phases & Individual Phases to Neutral with OFF	61313 SBB13TDYR	10A	573
Voltage between Phases & Individual Phases to Neutral with OFF	61313 SCB03TDYR	16A	713

Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phase & Phase to Neutral without OFF	61314 SBB13TDYR	10A	565

Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases & Phase to Neutral without OFF	61311 SAB13TDYR	6A	357
Voltage between Phases & Phase to Neutral with OFF	61311 SBB13TDYR	10A	387

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	605



**Control your breaker remotely
through TNC switch**

Breaker Control Switches (Trip-Neutral-Close)

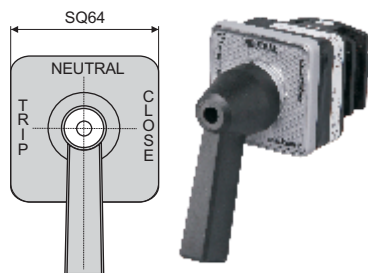
- 1NO+1NO, 2NO+2NC model available in 25A
- Barrel lock option available
- Lost motion contact (LMD) & Sequence Locking available



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

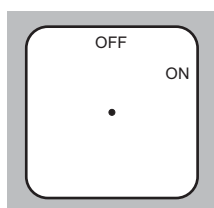
Breaker Control Switches (Trip - Neutral - Close)



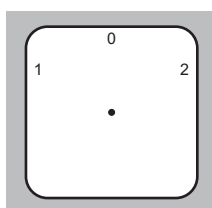
Rating	Contact Arrangement	Mounting Type	Cat. No.	M.R.P. (₹) Per Unit
25A	1NO + 1NC	Standard	73257SEB03PGGB	1064
25A	1NO + 1NC	Standard	73257SEB03PGYR	1064
25A	1NO + 1NC	Barrel Lock	73257SEB90PGBB	1460
25A	2NO + 2NC	Standard	72009SEB03PGBB	1253
25A	2NO + 2NC	Standard	72009SEB03PGYR	1253
25A	2NO + 2NC	Standard	72009SEB03PGGB	1253
25A	2NO + 2NC	Barrel Lock	72009SEB90PGBB	1770

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

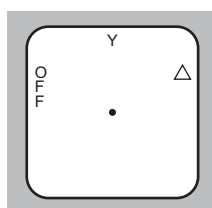
Motor Duty Switches



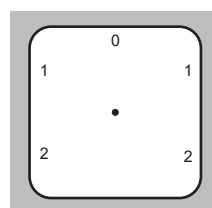
61003



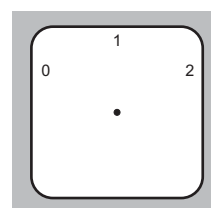
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61200



61217

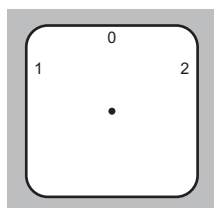


61212

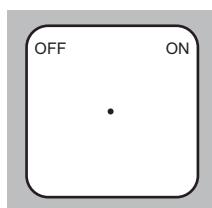
Description	Cat. No.	M.R.P. (₹) Per Unit						
		16A	25A	32A	40A	63A	100A	200A
ON - OFF Switch	61003	611	750	834	1045	1503	5364	6991
FOR - OFF - REV Switch	61211	461	560	663	1727	2098	5346	8617
Star - Delta Switch	61200	612	789	991	1512	1937	***	***
2 Speed for FOR - OFF - REV Switch	61217	***	1427 [#]	***	2385	***	***	***
2 Speed forward Switch	61212	671	1300	1629	2047	2509	6686	7721

Supplied only with ball grip handle

Switches in Enclosure



73393, 71913



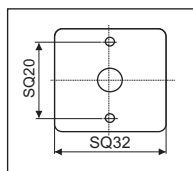
72244



Description	Cat. No.	Amps	M.R.P.
FOR - OFF - Rev in SS with ball grip handle	73393SCM17BGXB	16A	509
FOR - OFF - Rev in SS with ball grip handle	71913SEM17BGYR	25A	779
FOR - OFF - Rev in SS with ball grip handle	71913SFM17BGYR	32A	1145
3 Pole ON - OFF in SS	72244SEM17TDYR	25A	677
3 Pole ON - OFF in SS	72244SFM17TDYR	32A	988
3 Pole 2Way Without OFF in SS	61153SCM17TDYR	16A	939

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	28
Front Plate for 25 & 32A	FP32SQ64	64 x 64	49
Front Plate for 40 to 200A	FP200SQ88	88 x 88	79



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	17
Flag Handle for 25 - 32A	KNFHS3	64 x 64, 64 x 80	29
Ball Handle for 16 - 32A	HNBHS1	64 x 64, 64 x 80	79
Ball Handle for 40 - 200A	HNBHS2	88 x 88, 104 x 104	79
PG Handle for 16 - 32A	HNPGS1	64 x 64, 64 x 80	84
Lever Handle for 40 - 200A	HNLVS1	88 x 88, 104 x 104	106
Tear Drop for 6 - 16A	KNTDS1	48 x 48, 48 x 60	17
Tear Drop for 16 - 32A	KNTDS2	64 x 64, 64 x 80	29
Tear Drop for 40 - 400A	KNTDS3	88 x 88, 104 x 104	57

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	326

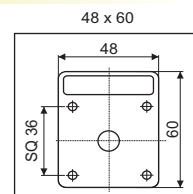
Note: Switches to be order separately.



B31 PVC Enclosure

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	17
Silver Finish 64 x 64 mm	SFSQ64	64 x 64	19
Silver Finish 88 x 88 mm	SFSQ88	88 x 88	25
Silver Finish 104 x 104 mm	SFSQ104	104 x 104	43



Special Front Plate Assembly

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
SPL IND Plates upto 16A	FPRT4860	48 x 60	49
SPL IND Plates for 16 - 32A	FPRT6480	64 x 80	84

Script Plate (marking plate)

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Script Plate for 6 - 16A	SPSQ48	48 x 48	17
Script Plate for 16 - 32A	SPSQ64	64 x 64	19
Script Plate for 40 - 200A	SPSQ88	88 x 88	25
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	12
Rear MTG Plate for 25 - 32A	MPSQ64	64 x 64	19
Rear MTG Plate for 40 - 63A	MPSQ88	88 x 88	44
Rear MTG Plate for 80 - 400A	MPSQ104	104 x 104	84
DIN Rail Attachment upto 32A	B21DIN35	-	78

Shrouding Cover (maximum 6 Contacts Round Type)

Description	Cat. No.	M.R.P. (₹) Per Unit
Shrouding Cover for 6 - 10A	SHCS1	53
Shrouding Cover for 16A	SHCS2	53
Shrouding Cover for 25 - 32A	SHCS3	87
Shrouding Cover for 40 - 63A	SHCS4	87
Special Cover for Extended Termination 80 - 400A (maximum 2 Contact Stage)	SHCS5	635

Ordering Code for Rotary Switches

Example for :	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

 B03/B13 Standard Mounting	 B19/B14 Single Hole Mounting	 B33 Round Padlock	 B30 Rectangular Padlock	 B63 Key Lockable Type
 B17 ABS Enclosure	 M17 Metal Enclosure	 B02 Rear/Base Mounting	 B21 DIN Rail Mounting	 B42 Rear Mounting with Door Interlock

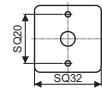
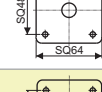
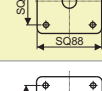
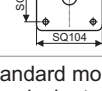
5. Knob / Handle Selection

Code - TD	Code - FH	Code - PG	Code - BG	Code - LV
				
Tear Drop	Flag Knob	Pistol Grip	Ball Grip	Lever Handle

6. Color Combination Selection Table

Code - YR	Code - GB	Code - BB	Code - AB
			
Yellow Front Plate Red Knob	Grey Front Plate Black Knob	Black Front Plate Black Knob	Aluminum Foil with Black Knob

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

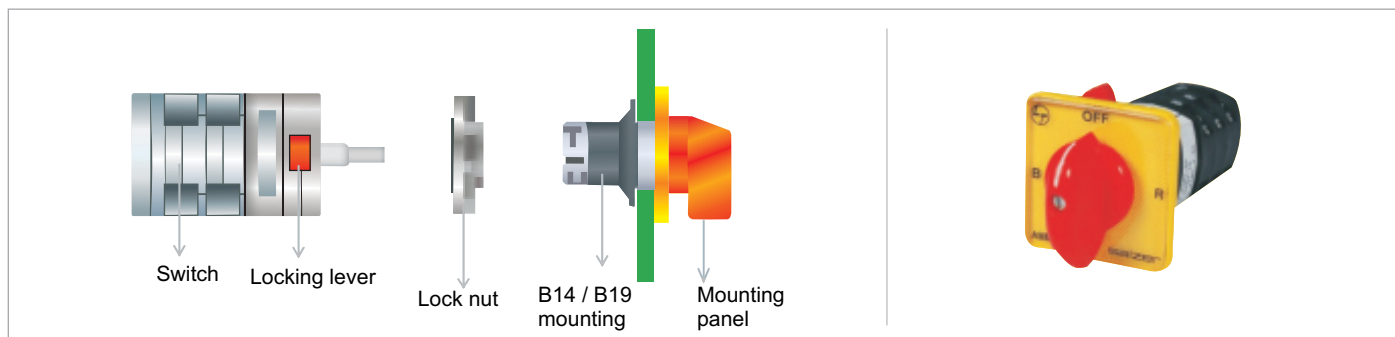
Note: 1. For ratings of 6/10A, standard mounting style is B13
2. Single hole mounting equivalent of B03 is B19 and B13 is B14.

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	32A	40A	63A
3 Pole C/O Front Panel Mounting	EB□31153B13BGYR	1683	1753	2045	2128
3 Pole C/O Rear Mounting	EB□31153MB42BGYR	1952	2023	2355	2428
3 Pole C/O in SS Enclosure	EB□31153SB31BGYR	2335	2399	2776	2859
3 Pole C/O Rear Mounting	EB□31153B21BGYR	1952	2023	2355	2428
3 Pole C/O Rear Mounting	EB□31153MB34LHGB	1952	2023	2355	2428
3 Pole C/O in ABS Enclosure	EB□31153B31LBGYR	2335	2399	2776	2859

4 Pole EB - GEN Changeover Switches



MB42 Mounting

Description	Cat. No.	M.R.P. (₹) Per Unit			
		25A	32A	40A	63A
4 Pole C/O Front Panel Mounting	EB□31154B13BGYR	1952	2023	2399	2469
4 Pole C/O Rear Mounting	EB□31154MB42BGYR	2200	2284	2697	2809
4 Pole C/O in SS Enclosure	EB□31154SB31BGYR	2603	2704	3137	3249
4 Pole C/O Rear Mounting	EB□31154B21BGYR	2200	2284	2697	2809
4 Pole C/O Rear Mounting	EB□31154MB34LHGB	2200	2284	2697	2809
4 Pole C/O in ABS Enclosure	EB□31154B31LBGYR	2603	2704	3137	3249

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	20A	25A	32A	40A	63A	80A	100A	125A
Single Hole MTG Switch with Flag Knob	LB□32300B19FPYR		577	590	*	*	*	*	*	*	*
Front Plate MTG with Flag Knob	LB□32300B40FPYR		561	577	*	*	*	*	*	*	*
Front Panel MTG with B03 (48x48) Plate	LB□32300B03FLYR	32309	513	525	570	590	676	726	*	*	*
Front Panel MTG with B13 (64x64) Plate with Flag Knob	LB□32300B13FLYR	32306 / 32309	513	525	570	590	676	726	1837	2305	2895
Front Panel MTG with B13 (64x64) Plate with BG Handle	LB□32300B13BGYR	32309	*	*	625	647	732	774	*	*	*
DIN Rail MTG Switch with Flag Knob	LB□32300B23FLGB		*	*	570	590	676	726	*	*	*
Rectangular Pad Lock Switch with TDYR	LB□32300B30TDYR		*	*	689	726	796	838	*	*	*
Round Pad Lock Switch with RDYR	LB□32309B33RDYR		561	576	625	647	732	774	1991	2486	3108
Switch with B63 Lock & Key Version	LB□32309B63TDYR		*	*	952	995	1079	1108	*	*	*
Base MTG Switch with DIL and Pad Lock	LB□32309MB34RDYR		896	924	995	1050	1093	1178	2654	3313	4143
Base MTG Switch with BG Handle	LB□32309MB42BGYR		896	924	995	1050	1093	1178	2654	3313	4143
Switch in ABS Enclosure - in B31SM	LB□32300B31SMRDYR		1137	1172	1265	1299	*	*	*	*	*
Switch in ABS Enclosure - in B31M	LB□32309B31MRDYR		*	*	*	*	1420	1455	*	*	*
Switch in SS Enclosure - in B31L with Leech Handle	LB□32309SB31LLHYR		*	*	*	*	*	*	3738	4406	5228
Switch in SS Enclosure - in SB31L with Leech Handle	LB□32309SB31LLHYR		*	*	*	*	*	*	3738	4406	5228

LB 4 Pole ON - OFF Switches

Description	Cat. No.	Can also be given on request	M.R.P. (₹) Per Unit								
			16A	20A	25A	32A	40A	63A	80A	100A	125A
Single Hole MTG Switch with Flag Knob	LB□32400B19FPYR		718	732	*	*	*	*	*	*	*
Front Plate MTG with Flag Knob	LB□32400B40FPYR		704	718	*	*	*	*	*	*	*
Front Panel MTG with B03 (48x48) Plate	LB□32400B03FLYR	32409	654	669	727	746	874	924	*	*	*
Front Panel MTG with B13 (64x64) Plate with Flag Knob	LB□32400B13FLYR	32406 / 32409	654	669	727	746	874	924	2255	2830	3546
Front Panel MTG with B13 (64x64) Plate with BG Handle	LB□32400B13BGYR	32409	*	*	782	804	931	973	*	*	*
DIN Rail MTG Switch with Flag Knob	LB□32400B23FLGB		*	*	727	746	874	924	*	*	*
Rectangular Pad Lock Switch with TDYR	LB□32400B30TDYR		*	*	845	881	995	1037	*	*	*
Round Pad Lock Switch with RDYR	LB□32409B33RDYR		704	718	782	804	931	973	2305	2879	3598
Switch with B63 Lock & Key Version	LB□32409B63TDYR		*	*	1108	1151	1277	1306	*	*	*
Base MTG Switch with DIL and Pad Lock	LB□32409MB34RDYR		1037	1065	1151	1206	1293	1378	3073	3838	4795
Base MTG Switch with BG Handle	LB□32409MB42BGYR		1037	1065	1151	1206	1293	1378	3073	3838	4795
Switch in ABS Enclosure - in B31SM	LB□32400B31SMRDYR		1277	1314	1420	1455	*	*	*	*	*
Switch in ABS Enclosure - in B31M	LB□32409B31MRDYR		*	*	*	*	1618	1654	*	*	*
Switch in SS Enclosure - in B31L with Round Plate	LB□32409SB31LRDYR		*	*	*	*	*	*	4158	4930	5882
Switch in SS Enclosure - in SB31L with Leech Handle	LB□32409SB31LLHYR		*	*	*	*	*	*	4158	4930	5882
Auxiliary Contact	FRONT/REAR MOUNTING		144	144	175	175	175	175	525	525	525
Add-on Contact Additional Pole	FRONT/REAR MOUNTING		147	154	165	185	216	233	613	764	843

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

Ordering Code for Load Break and Changeover Switches

LB Load Break Switch	☐ Switch Rating	XXXXX Programme Code	XXXXX Mounting Options	XX Knob Options	XX Colour
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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 Switch Rating	X F-Front Mounting	XX MC-Main Module	XXX 20 - 16A to 20A 32 - 25A to 32A 63 - 40A to 63A 80 - 80A 125 - 100A, 125A & 80A
	R-Rear Mounting	NC-Neutral Module	
		AC-Auxiliary Module	

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



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

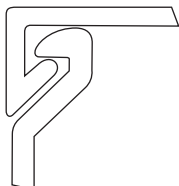


A Type

- * Snap fit cover
- * Easy to remove

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.	Min Order Qty
A 15 x 15	WWA1515SG	45	100	100	WWA1515SG2	90	64	64
A 15 x 25	WWA1525SG	63	100	100	WWA1525SG2	126	64	64
A 25 x 25	WWA2525SG	76	70	70	WWA2525SG2	152	48	48
A 30 x 25	WWA3025SG	83	70	70	WWA3025SG2	166	48	48
A 40 x 30	WWA4030SG	105	75	75	WWA4030SG2	210	32	32
A 45 x 25	WWA4525SG	107	75	75	WWA4525SG2	214	40	40
A 45 x 30	WWA4530SG	108	50	50	WWA4530SG2	216	32	32
A 45 x 45	WWA4545SG	135	50	50	WWA4545SG2	270	18	18
A 45 x 60	WWA4560SG	165	50	50	WWA4560SG2	330	12	12
A 60 x 25	WWA6025SG	135	50	50	WWA6025SG2	270	18	18
A 60 x 45	WWA6045SG	160	50	50	WWA6045SG2	320	18	18
A 60 x 60	WWA6060SG	190	32	32	WWA6060SG2	380	12	12
A 60 x 120	WWA60120SG	650	18	90	WWA60120SG2	1300	8	80
A 75 x 45	WWA7545SG	200	40	40	WWA7545SG2	400	12	12
A 75 x 75	WWA7575SG	280	32	32	WWA7575SG2	560	12	12
A 80 x 80	WWA8080SG	315	25	25	WWA8080SG2	630	12	12
A 100 x 100	WWA100100SG	510	18	18	WWA100100SG2	1020	8	40

Type B



Non slip cover design of minimum encumbrance and maximum grip



B Type

- * Non - slip cover
- * Positive locking

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.	Min Order Qty
B 25 x 25	WWB2525SG	78	100	100	WWB2525SG2	156	36	36
B 25 x 30	WWB2530SG	83	100	100	WWB2530SG2	166	36	36
B 25 x 40	WWB2540SG	103	75	75	WWB2540SG2	206	36	36
B 25 x 45	WWB2545SG	107	75	225	WWB2545SG2	214	36	108
B 25 x 60	WWB2560SG	135	50	50	WWB2560SG2	270	18	18
B 25 x 80	WWB2580SG	185	50	50	WWB2580SG2	370	18	18
B 25 x 100	WWB25100SG	235	25	25	WWB25100SG2	470	18	18
B 30 x 20	WWB3020UG	103	100	200	WWB3020UG2	206	36	180
B 30 x 80	WWB3080SG	285	50	200	WWB3080SG2	570	18	90
B 40 x 40	WWB4040SG	135	50	50	WWB4040SG2	270	18	18
B 45 x 45	WWB4545SG	140	50	50	WWB4545SG2	280	18	18
B 40 x 60	WWB4060SG	165	50	50	WWB4060SG2	330	18	18
B 40 x 80	WWB4080SG	195	50	50	WWB4080SG2	390	18	18
B 40 x 100	WWB40100SG	245	25	25	WWB40100SG2	490	12	12
B 45 x 20	WWB4520UG	108	75	225	WWB4520UG2	216	36	180
B 50 x 100	WWB50100SG	283	30	90	WWB50100SG2	566	12	60
B 60 x 20	WWB6020UG	147	50	200	WWB6020UG2	294	18	90
B 60 x 40	WWB6040SG	165	50	50	WWB6040SG2	330	18	90
B 60 x 60	WWB6060SG	195	50	50	WWB6060SG2	390	12	12
B 60 x 80	WWB6080SG	255	40	40	WWB6080SG2	510	12	12
B 60 x 100	WWB60100SG	335	30	30	WWB60100SG2	670	8	8
B 72 x 64	WWB7264SG	234	32	96	WWB7264SG2	468	18	90
B 75 x 75	WWB7575SG	332	32	96	WWB7575SG2	664	8	40
B 75 x 100	WWB75100SG	345	25	75	WWB75100SG2	690	8	40
B 80 x 40	WWB8040SG	200	50	100	WWB8040SG2	400	12	60
B 80 x 60	WWB8060SG	265	40	80	WWB8060SG2	530	12	60
B 80 x 80	WWB8080SG	330	32	32	WWB8080SG2	660	12	12
B 80 x 100	WWB80100SG	370	24	24	WWB80100SG2	740	8	8
B 100 x 60	WWB10060SG	315	30	30	WWB10060SG2	630	8	8
B 100 x 80	WWB10080SG	370	25	25	WWB10080SG2	740	8	8
B 100 x 100	WWB100100SG	540	18	18	WWB100100SG2	1080	8	8
B 120 x 80	WWB12080SG	525	18	90	WWB12080SG2	1050	8	40
B 150 x 100	WWB150100SG	675	12	48	WWB150100SG2	1350	4	40
B 150 x 150	WWB150150SG	1468	8	80	WWB150150SG2	2936	2	40

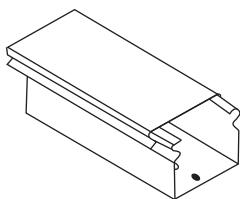
Note : 1) For any special colour request additional 10% will be charged on price. For cut length additional 10% will be charged.
2) Thin / Unslot will be supplied on request. For thin slot replace the cat. number ending with SG by TG,
For un slotted channel replace the cat. number ending with SG by UG.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

Additional Covers for Cable Duct

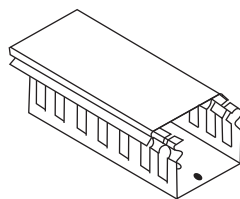
(Cable duct comes with default covers, following are additional offering)

Description	Cat. No.	M.R.P. (₹) Per Unit
Cover for 15 mm A type	CCA15SG	20
Cover for 25 mm A type	CCA25SG	32
Cover for 30 mm A type	CCA30SG	39
Cover for 45 mm A type	CCA45SG	62
Cover for 60 mm A type	CCA60SG	75
Cover for 75 mm A type	CCA75SG	94
Cover for 80 mm A type	CCA80SG	112
Cover for 100 mm A type	CCA100SG	137
Cover for 25 mm B type	CCB25SG	32
Cover for 30 mm B type	CCB30SG	39
Cover for 40 mm B type	CCB40SG	50
Cover for 45 mm B type	CCB45SG	62
Cover for 50 mm B type	CCB50SG	75
Cover for 60 mm B type	CCB60SG	75
Cover for 72 mm B type	CCB72SG	94
Cover for 75 mm B type	CCB75SG	94
Cover for 80 mm B type	CCB80SG	112
Cover for 100 mm B type	CCB100SG	137
Cover for 120 mm B type	CCB120SG	147
Cover for 150 mm B type	CCB150SG	173

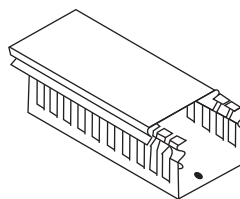
Slotting Styles (A & B Types)



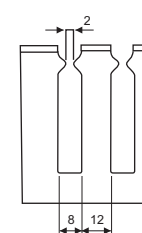
Unslotted
(US)



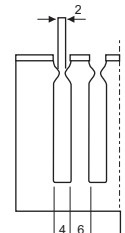
Standard Slotted
(S)



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**

Disclaimer

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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	695
			110 VAC/24 VAC/DC		11ODT4	1005
			12 VDC		15ODT4	820
	ON Delay & Interval	0.1 sec - 100 hrs	240 VAC/24 VAC/DC	1 C/O	12WDT4	795
	Star Delta Timer	3 sec - 120 sec	240 VAC	1 NO (Star)+1 NO (Delta)	12SDT0	780
		3 sec - 30 sec	240 - 415 VAC	1 C/O (Star)+1 C/O (Delta)	14SDT1S	1060
	Signal OFF Delay	0.3 sec - 30 hrs	240 VAC/24 VAC/DC	1 C/O	12RDT4	755
		0.3 sec - 30 hrs	12 VDC		15DDT4	820
	Multifunction Timer	0.1 sec - 100 hrs	12 - 240 VAC/DC	1 C/O	1CMDT0	1280
	Asymmetrical ON/OFF & OFF/ON	0.1 sec - 100 hrs	12 - 240 VAC/DC	1 C/O	1CJDT0	1280
	One Shot	0.3 sec - 30 hrs	110 VAC/24 VAC/DC	1 C/O	11BDT4	950
			240 VAC/24 VAC/DC		12BDT4	950
			12 VDC		15BDT4	1005

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	1210
	Star Delta Timer	3 sec - 120 sec	24 - 240 VAC/DC	1 NO (Star)+1 NO (Delta)	2ASDT0	1275
			240 - 415 VAC		2BSDT0	1425
	Multifunction Timer	0.1s to 120 days	24 - 240 VAC/DC	2 C/O (1 Inst+1 Delayed)	2A8DT6	1295
	Multifunction Multirange	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O	2A5DT5	1330
			240 - 415 VAC		2B5DT5	1545
	Signal Base Multi function - Multirange	0.1 sec - 10 hrs	24 - 240 VAC/DC	1 C/O	2ANDT0	1365
	Multifunction Timer 6 Functions	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O (1 Inst+1 Delayed for 6th Mode)	2A6DT6	1375
			240 - 415 VAC		2B6DT6	1405
	True OFF Delay	0.6 sec - 600 sec	24 - 240 VAC/DC	2 C/O	23GDT0	2020
	Asymmetrical ON/OFF	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O	2AADT5	1455

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	1385
			24 - 240 VAC/DC	2 NO	V0DDTD	1385
	18 Functions	0.1 sec - 999 hrs	24 - 240 VAC/DC	1 C/O	V0DDTS1	1570
			24 - 240 VAC/DC	2 NO	V0DDTD1	1570

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	1520
		Delay time Td: 0.2 to 60 sec	240 VAC		22LDT0	1520

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	2335
		110 VAC Base/DIN Mounting	J638B1	3085
		240 VAC Flush Mounting	J648F1	2865
		110 VAC Flush Mounting	J638F1	2990
	FM1 / Quartz Weekly	240 VAC Base/DIN Mounting	J848B1	3085
		110 VAC Base/DIN Mounting	J838B1	3085
		240 VAC Flush Mounting	J848F1	2985
		110 VAC Flush Mounting	J838F1	2985

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	67DDT0	2040
		24 VDC 1 C/O Base/DIN 25 ON/OFF	6GHDT0	2350
		12 VDC 1 C/O Base/DIN 25 ON/OFF	69HDT0	2475
	Time Switch (Crono Pro)	110 - 240 VAC 2 C/O Base/DIN 25 ON/OFF	WT2DCDS	2900
	Time Switch (Pulse) *	110 - 240 VAC 1 C/O Base/DIN 16 Pulse	67DDT9	2200
		24V DC 1 C/O Base /Din 16 Pulse	6GHDT9	2490
		12V DC 1 C/O Base /Din 16 Pulse	69HDT9	2615

* 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	3670
	Astro Pro	110 - 240 VAC 1 Phase - 2W 2 C/O , Base/Din	AS2DCDS	5040
	Astro (3P, 4W)	110 - 240 VAC 3 Phase - 4W 3 Channel 3 N/O , Base/Din	T3DDT0	9080

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  SM 301  SM 500  SM 500 with Neutral Loss Protection  SM 501 Digital VMR Series  SM 800	Type	Supply Monitoring Type	Time delay	Asymmetry	Voltage & Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
	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	875
					415 VAC, 2 C/O	MC21B5	1280
				40 VAC Asymmetry	415 VAC, 1 C/O	MA51BK	885
	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	1005
	SM500 (3 Ph / 1 Ph, 4W)	Selectable Under Voltage + Selectable Over Voltage	Selectable ON Delay (0 to 15 min)	-	240 VAC, 1 C/O	MD71B9	1280
			Selectable ON Delay (0 to 15 sec)	-		MD71BH	1280
			Selectable OFF Delay (0 to 15 sec)	-		MD71BF	1500
		Single Phasing Preventor + Selectable Under Voltage + Selectable Over Voltage	Selectable ON Delay (0 to 15 min) & OFF Delay 5 sec	Phase Asymmetry 10% fixed	240 VAC, 2 C/O	MG73B9	1570
			Selectable ON Delay (0 to 15 sec) & OFF Delay 5 sec	Phase Asymmetry 10% fixed		MG73BH	1570
			Selectable OFF Delay (0 to 15 sec) & ON Delay 5 sec	Phase Asymmetry 10% fixed		MG73BF	1570
		SPP + UV/OV, with fixed UV (173 V) & OV (288 V)	Selectable ON (10 Sec) and OFF Delay (5 Sec)	Phase Asymmetry 20% fixed	415 VAC, 3 Ph 4W, 2 C/O	MG73BR	1570
		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		MAC04 D0100	1570
		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	1570
	SM501 (3 Ph, 3W)	Single Phasing Preventor + Selectable Under Voltage + Selectable Over Voltage	Selectable ON Delay 15 sec & OFF Delay 5 sec	Phase Asymmetry 10%		MG53BH	1570
			Selectable OFF Delay 15 sec & ON Delay 5 sec	Phase Asymmetry 10%		MG53BF	1570
			ON Delay 5 sec and OFF Delay 5 sec	65 VAC Asymmetry		MG53BI	1475
			ON Delay 3 min and OFF Delay 5 sec UV 85% of ϕ OV 110% of ϕ	Phase Asymmetry 10%		MG53BO	1475
	SM 800 (3PH/ 3W, 4W)	Single Phasing Preventor+ Selectable Under Voltage + Selectable Over Voltage + Netural 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	1545
					145-500 VAC (Line Voltage), 2C/O	DMS120	1630
					85-300 VAC/DC (Auxiliary Supply) (P-N), 2 C/O	DMA220	1800

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
 SM175 3 Ph, 3W	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	1010
				ON Delay 500 msec & OFF Delay 100 msec	Phase Asymmetry (30% fixed)		MC21D5	1010
				ON Delay 5 sec & OFF Delay 100 msec (0 to 15s Selectable)	Phase Asymmetry (5% to 15% variable)		MA21DN	1315
		Phase Loss + Phase Sequence + Under Voltage + Over Voltage monitoring (UV: -2% to -20% of 𐄀, OV: 2% to 20% of 𐄀)	ON Delay 5 sec and Selectable OFF Delay (0 to 15 sec)	–	MD21DF		1315	
		Phase Loss + Phase Sequence + Under Voltage + Over Voltage (UV: -5% to -25% of 𐄀, OV: 5% to 25% of 𐄀)	Selectable ON Delay (0.5 to 15 sec) and OFF Delay 5 sec	Phase Asymmetry (10% fixed)	MG21DH		1470	
			ON Delay 5s and Selectable OFF Delay (0 to 15 sec)		MG21DF		1470	
	SM175 (3 Ph, 4W)	Phase loss+ Phase Sequence+ Under Voltage + Over Voltage (UV:-2% to -22% of 𐄀, OV: 2% to 22% of 𐄀)	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	1665	
		Phase loss+ Phase Sequence+ Under Voltage + Over Voltage (UV:-5% to -25% of 𐄀 / 60% of 𐄀 (Fixed), OV: 5% to 25% of 𐄀 / 110% of 𐄀 (Fixed))			240 VAC (3P, 4W), 1 C/O	MAG03D0425	1665	
			Phase loss+ Phase sequence+ Under Voltage + Over Voltage (UV:-5% to -25% / 80% of 𐄀 (Fixed), OV: 110% of 𐄀 (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)		MAG03D0426	1665
	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	1115	

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	1765
				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	
				15 - 45A, 1 C/O	17B322AA0	
		Definite Type / Instant Trip		2 - 5A 1 C/O	17B422PA0	
	1 Phase	Inverse Time Current Monitoring Relay		2 - 5A 1 C/O	17C412EB0	1730
				3 - 9A, 1 C/O	17C112EB0	
				8 - 24A, 1 C/O	17C212EB0	
				15 - 45A, 1 C/O	17C312EB0	
		Definite Time Current Monitoring Relay		2 - 5A 1 C/O	17D412DA0	
				3 - 9A, 1 C/O	17D112DA0	
				8 - 24A, 1 C/O	17D212DA0	
				15 - 45A, 1 C/O	17D312DA0	

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	1915
			220 - 440 VAC, 1 C/O	MI91BJ	1915
	Under/Over Frequency Monitoring Relay	ON Delay (Fixed) and OFF Delay Selectable	110 - 240 VAC, 1 C/O	MI81BL	2090
			220 - 440 VAC, 1 C/O	MI91BL	2090

PTC Thermistor Relay Series 	Relay Type	Description	Cat. No.	M.R.P. (₹) Per Unit
	Thermistor Relay	110 - 240 VAC, 2 C/O	MJ83BK	1640
		220 - 440 VAC, 2 C/O	MJ93BK	1655
		24 VAC/DC, 2 C/O	MJA3BK	1915
		110 - 240 VAC, 1 C/O	MJ81BK	1515
		220 - 440 VAC, 1 C/O	MJ91BK	1535

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
	EM 1000 Timing Ranges (SR) 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 Timing Ranges (MR) X 0.15 sec - 3.0 hrs Y 0.3 sec - 6.0 hrs Z 0.6 sec - 12.0 hrs		Delay 1 Standard ON delay 2 With 'NO VOLT' Mounting B Base Mounting F Flush (door) Mtg. Contact 1 1 Inst + 1 Del C/O 2 1 Inst + 2 Del C/O Voltage 3 110 VAC 50 Hz 4 240 VAC 50 Hz C 110 VAC 60 Hz D 240 VAC 60 Hz	*220 *210
			*Add to basic Price. Contact : 240 VAC 6A (Resistive)	

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	3505	0.15 sec - 3 hrs	4160
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	640
HM 36, 10 - 80 VDC Flush Mounting	LD17F1	970
HM36, 92 - 264 / 270 - 460 VAC Base - DIN Mounting	30A6B1	705
HM36, 10 - 80 VDC Base/DIN Mounting	30D1B1	970
Digital Hour Meter/Digital Counter (Resetable)	Z□□FB□	1255

Hour Meter / Counter

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

Earth Leakage Relay [9032]

Earth Leakage Relays



96 x 96 mm
Earth Leakage
Relay



DIN Mounted
Earth Leakage
Relay



CBCT



Rectangular CBCT

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	3395
		110 - 240 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault) with RS 485	17K716QF4M	4880
		240 - 415 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault)	17K726QF4N	3395
		240 - 415 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault) with RS 485	17K726QF4M	4880
	DIN mounted Earth Leakage Relay	110 - 240 VAC, 110 VDC, Manual reset	17G715GF2	3040
		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	1075
		57 mm ID	17H7NNIN3	1455
		70 mm ID	17H7NNQN3	1650
		92 mm ID	17H7NNJN3	1810
		120 mm ID	17H7NNLN3	1885
		210 mm ID	17H7NNKN3	3555
	CBCT (moulded case) for Type AC Current	38 mm ID	17H7NNRN3	805
		57 mm ID	17H7NNVN3	900
		70 mm ID	17H7NNSN3	955
		92 mm ID	17H7NNTN3	1275
		120 mm ID	17H7NNUN3	1485
	Rectangular CBCT (moulded case) for Type AC Current	300 x 50 mm ID	17H9NNWN0	7100
		350 x 150 mm ID	17H9NNXN0	8640

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



www.gicindia.com

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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.



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

Customer Interaction Center (CIC)

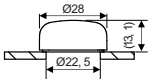
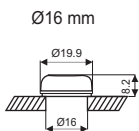
BSNL / MTNL (toll-free): 1800 233 5858 Reliance (toll-free): 1800 200 5858
Tel: 022 6774 5858 Email: cic@Lntebg.com Web: www.Lntebg.com

Modular Remote Control Units

Gen Next Series

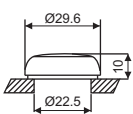
Gen Next LED Indicator [8531]

- 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	114 195 Blue & White
				415A - 415 VAC	142 242 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	127 214 Blue & White

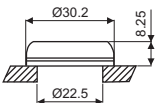
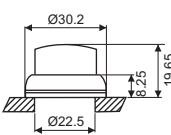
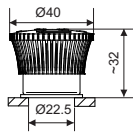
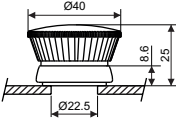
Note * - LED Indicator for Flame Proof Panel application available on request.

Gen Next Universal LED Indicator [8531]

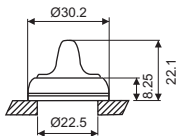
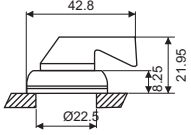
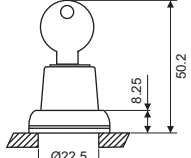
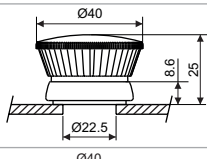
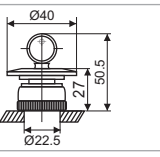
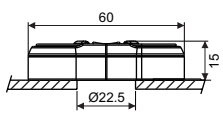
 	Description	Cat. No.	Colour (8 th Digit)	Voltage (9 th , 10 th , 11 th & 12 th Digit)	M.R.P. (₹) Per Unit
	Gen Next Universal Voltage LED indicator	EG0100L□□□□□	R-Red G-Green Y-Yellow A-Amber B-Blue W-White	224C-24 to 240V AC/DC 424C-40 to 240V AC/DC	341 409 Blue & White

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	71
 	Projecting Head Push Function	EMN□PD1	R-Red G-Green C-Black Y-Yellow W-White B-Blue A-Amber F-Gray	72
 	Mushroom Head 'Push - Turn Function'	EMN□MH1	R-Red G-Green C-Black Y-Yellow	140
 	Mushroom Head 'Push - Function'	EMN□MD1	R-Red G-Green C-Black Y-Yellow	102

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

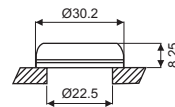
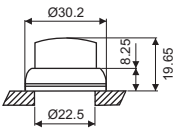
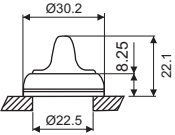
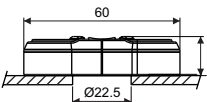
	Description	Cat. No.	Colour (4 th Digit)	M.R.P. (₹) Per Unit
 	Symmetric Head	2 Position  Non Spring Return EMN□SK1	R-Red G-Green C-Black W-White	201
		 Spring Return EMN□SI1		
		3 Position  Non Spring Return EMN□SL1		212
		 Spring Return EMN□SJ1		
		 Spring Return L. H. EMN□SM1		
		 Spring Return R. H. EMN□SN1		
 	Lever Head	2 Position  Non Spring Return EMN□LK1	R-Red W-White C-Black	201
		 Spring Return EMN□LI1		
		3 Position  Non Spring Return EMN□LL1		212
		 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	288
		 Spring Return EMN□KI1		
		3 Position  Non Spring Return EMN□KL1		302
		 Spring Return EMN□KJ1		
		 Spring Return L. H. EMN□KM1		
		 Spring Return R. H. EMN□KN1		
 	Push Pull	EG02MG0□	R-Red	279
 	Mushroom Head Lock And Key Actuator	EG02MQ0R00	R-Red	314
 	Twin Touch with Black centre strip	EG02TD0I	—	143

	Note : 1. Actuators & Selector Actuators with black ABS collar are offered as Standard 2. Actuators (except Mushroom Head Push - Pull Actuators) are also available with chrome plated ABS & Brass collar Non-Illuminated Actuator - For Chrome plated 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 Chrome plated 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 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	204
			B-Blue W-White		377 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 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	204
			B-Blue W-White		377 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	299
		Non Spring Return EG03SKL□□□□□			
		Spring Return EG03SIL□□□□□			
		3 Position			
		Non Spring Return EG03SLL□□□□□			446 Blue and White
		Spring Return EG03S JL□□□□□			
 	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	256

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	—	—	55
	'NC' Block	EC2C	—	—	55

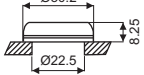
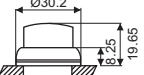
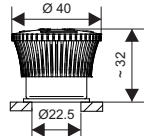
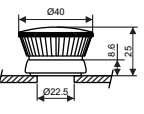
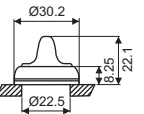
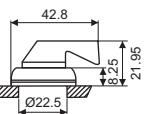
Spares for Gen Next Series [8531]

	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 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	148
			B-Blue W-White		298 Blue and White

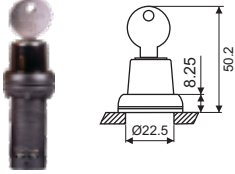
Note : Gen Next Modular Contact Blocks (EC1C and EC2C) can be used only with Gen Next Push Button Actuator

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	107
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC	W-White B-Blue A-Amber C-Black	157
 	Projecting Head Push Function	EE□□PD1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow	107
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC	W-White B-Blue A-Amber C-Black	157
 	Mushroom Head Push - Turn	EE□□MH1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow C-Black	158
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC		215
 	Mushroom Head Push - Function	EE□□MD1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow C-Black	134
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC		183
 	Symmetric Head Actuator	2 Position	1 - 1 NO 2 - 1 NC	R-Red G-Green W-White C-Black	218
		 Non Spring Return EE□□SK1	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		268
		 Spring Return EE□□SI1			
		3 Position			
		 Non Spring Return EE□□SL1	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		277
		 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	R-Red G-Green W-White C-Black	218
		 Non Spring Return EE□□LK1	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		268
		 Spring Return EE□□LI1			
		3 Position			
		 Non Spring Return EE□□LL1	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		277
		 Spring Return EE□□LJ1			
		 Spring Return L. H. EE□□LM1			
		 Spring Return R. H. EE□□LN1			

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	279
		 Non Spring Return EE□□KK1	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		335
		 Spring Return EE□□KI1			
		3 Position			343
		 Non Spring Return EE□□KL1	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		
		 Spring Return EE□□KJ1			
		 Spring Return L. H. EE□□KM1			
		 Spring Return R. H. 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. Round Type	M.R.P. (₹) Per Unit
	22.5 mm Panel Mounted Buzzer Black colour	240 VAC	EG15R00C240A	255
		110 VAC	EG15R00C110A	255
		64 VAC/DC	EG15R00C064C	255
		48 VAC/DC	EG15R00C048C	255
		30 VAC/DC	EG15R00C030C	255
		24 VAC/DC	EG15R00C024C	255
		12 VAC/DC	EG15R00C012C	255

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	396
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO'	EP1FAB02	396
	Two Position Symmetric Head Selector Switch - Black with Legend - OFF / ON Contact - 1 'NO'	EP1FAF08	521
	Two Position Lock & Key Rotary Switch with Legend - OFF / ON Contact - 1 'NO'	EP1FAF12	576
	Mushroom Head Actuator 'Push Function' with Legend - STOP Contact - 1 'NC' for Stop	EP1FAC03	421

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	513
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' (Station One)	EP2FAH0201	576
	Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC'		
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' (Station One)	EP2FAH0205	636
	Mushroom Head Actuator 'Push Turn Type' with Legend - STOP Contact - 1 'NC' (Station Two)		
	LED Indicator 240 VAC - Red (Station One)	EP3FAUI1X0201	776
	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	727
	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	727
	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	2063
	8 Way push button pendant with hanging provision	EP8F04	2207
	Single Station Enclosure Box without Actuator	EP1FAA ^{\$}	219
	Two Station Enclosure Box without Actuator	EP2FAA ^{\$}	232
	Three Station Enclosure Box without Actuator	EP3FAA ^{\$}	240
	Eight Station Enclosure Box without Actuator	EP8FAA ^{\$}	401

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.

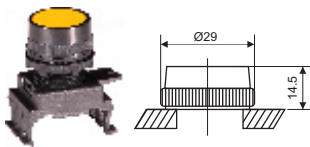
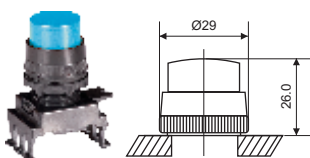
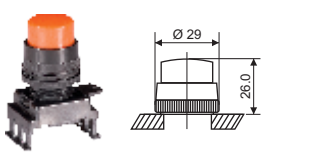
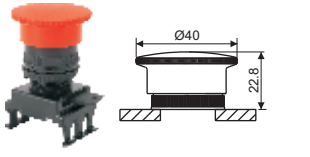
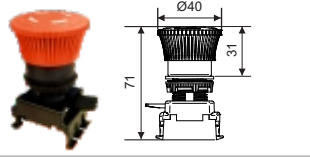
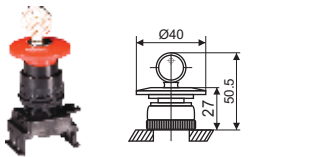
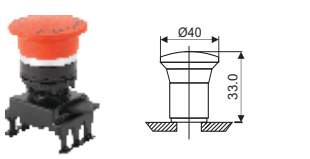
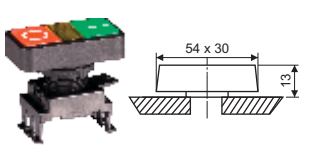
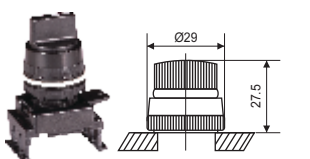
3. For any other combination of actuators/indicators in push button stations please contact nearest branch office.

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

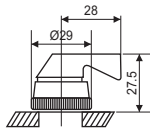
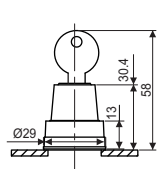
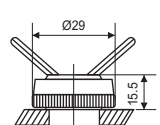
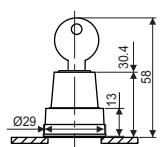
\$ Chapter ID : 8538.

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	97	
	Projecting Head 'Push Function'	HD45C□	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange 8-Colorless	97	
	Projecting Head 'Push - Push Function'	HF45C□	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange	212	
	Mushroom Head Ø 40 mm 'Push Function'	HD55C□	1-Red 2-Green 3-Black 4-Yellow	134	
	Mushroom Head 'Push Turn'	HH55C□	1-Red 2-Green 3-Black 4-Yellow	183	
	Mushroom Head With Lock & Key	HQ55C□	1-Red 2-Green 3-Black 4-Yellow	353	
	Mushroom Head 'Push Pull'	HG55B□	1-Red 2-Green 3-Black 4-Yellow 6-Blue	324	
	Twin Touch	HD15G□	3-Black	189	
	Symmetric Head	2 Position		1-Red 2-Green 3-Black 5-White/Opal	260
		Non Spring Return	 1		
		Spring Return	 1	HI65C□	276
		3 Position			
		Non Spring Return	 1 0 2	HL65C□	
		Spring Return	 1 0 2	HJ65C□	
		Spring Return from L. H.	 1 0 2	HM65C□	
		Spring Return from R. H.	 1 0 2	HN65C□	

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

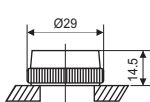
	Description	Cat. No.	Colour (4 th Digit)	M.R.P. (₹) Per Unit	
 	Lever Head	2 Position	1-Red 3-Black 5-White/Opal	260	
		Non Spring Return			 HK75C□
		Spring Return			 HI75C□
		3 Position		276	
		Non Spring Return			 HL75C□
		Spring Return			 HJ75C□
		Spring Return from L. H.			 HM75C□
		Spring Return from R. H.			 HN75C□
 	Lock & Key Rotary Type	2 Position	3-Black	353	
		Non Spring Return			 HK85C□
		Spring Return			 HI85C□
		3 Position		371	
		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	217	
		Non Spring Return			 HP95C□
 	Lock & Key Push Turn	2 Position	3-Black	371	
		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

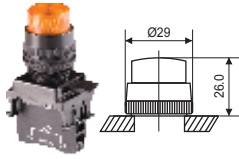
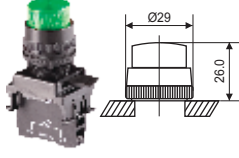
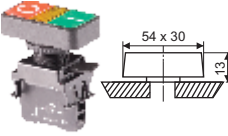
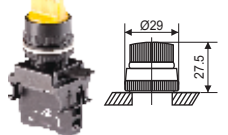
- Note :**
1. Actuators & Selector Actuators with black ABS collar are offered as Standard eg. : **HD15C1**
 2. Actuators (except Mushroom Head Push - Pull & all types of twin touch Actuators) are also available with chrome plated ABS & Brass collar
 - For Chrome plated ABS Collar replace 5th digit C by A eg. : **HD15A1**
 - For Brass Chrome plated ABS Collar replace C by B eg. : **HD15B1**
 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	248
B-Blue W-White			240A - 240 VAC 220D - 220 VDC	470	

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	248
			B-Blue W-White	240A - 240 VAC 220D - 220 VDC	470
	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	362
			B-Blue W-White	240A - 240 VAC 220D - 220 VDC	583
	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	325
	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	392
		2 Position Spring Return  EAL□□□□SI1	B-Blue W-White		583
		3 Position Non Spring Return  EAL□□□□SL1	R-Red G-Green Y-Yellow A-Amber		411
		3 Position Spring Return  EAL□□□□SJ1			
		3 Position Spring Return from L. H.  EAL□□□□SM1	B-Blue W-White		602
		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

	[8538]	Description	Cat. No.	Colour (4 th Digit)	Voltage (5 th , 6 th , 7 th & 8 th Digit)	M.R.P. (₹) Per Unit
		'NO' Block	HC61A2	-	-	73
		'NC' Block	HC61B2	-	-	73
	[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	151 353 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	479
	Flush Head Actuator - Green with Laser Marking - START Contact - 1 'NO'	EWS1C01AC063	479
	Two Position Symmetric Head Selector Switch - Black with Laser Marking - OFF / ON Contact - 1 'NO'	EWS1C01AF064	633
	Illuminated Actuator - Green with Laser Marking - ON Contact - 1 'NO' - 240 VAC	EWS1C01AA070	565
	Two Position Lock & Key Rotary Switch with Laser Marking - OFF / ON Contact - 1 'NO'	EWS1C01AF065	716
	Mushroom Head Actuator 'Push Function' with Laser Marking - STOP Contact - 1 'NC' for Stop	EWS1C13AC054	510
	Mushroom Head Actuator 'Push Turn type' with Laser Marking - STOP Contact - 1 'NC' for Stop	EWS1C13AC051	575
	"Mushroom Head Actuator with Lock and Key on Yellow Cover, with Laser Marking - STOP, Contact - 1 'NC' for Emergency Stop"	EWS1C13AC066	700
	Push Button Station with Push Pull Emergency Switch, Red with 1 NC	EWS1C13AC069	622
	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	692
	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	768
	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	906
	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	938
	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	879
	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	879

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	278
	Enclosure Grey-Black & 2 hole of Ø 22.5	EWS2C01AA	361
	Enclosure Grey-Black & 3 holes of Ø 22.5	EWS3C01AA	442
	Enclosure Grey-Black & 4 holes of Ø 22.5	EWS4C01AA	623
	Enclosure Grey-Black & 5 holes of Ø 22.5	EWS5C01AA	718
	Enclosure Yellow-Black single hole	EWS1C13AA	278
	Enclosure Yellow-Black & 2 hole of Ø 22.5	EWS2C13AA	361
	Enclosure Yellow-Black & 3 holes of Ø 22.5	EWS3C13AA	442
	Enclosure Yellow-Black & 4 holes of Ø 22.5	EWS4C13AA	623
	Enclosure Yellow-Black & 5 holes of Ø 22.5	EWS5C13AA	718

Standard All Purpose Enclosures [8538]

Dimension: 110 x 80 x 65 mm

 Note : with plastic screws	Description	Cat. No.	M.R.P. (₹) Per Unit
	All Grey without hole	HF999000	272
	All Grey & 1 hole of Ø 22.5	HF999001	272
	All Grey & 2 holes of Ø 22.5	HF999002	272

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
OFF ON  START  STOP START  SmallLargeSquare	Small	HH2420122	17	
	Large	HH2420124	17	
	Square	HH2420123	17	

Note: Printing as per customer requirement

Fixing Device	Cat. No.	M.R.P. (₹) Per Unit
	HH192000	59

Plastic Plate		Cat. No.	M.R.P. (₹) Per Unit
	Yellow legend plate	HB135000	50
 	Padlock Yellow (for Mushroom head Actuator)	HF192024	124
	Padlock Transparent (for Flush head Actuator)	HF192025	113
	Protecting Shroud for Emergency Push Button	HF195020A	57
	Protecting Shroud	HF195004	50

Shroud (Boot) for Actuator		Standard Actuator		Gen Next Actuator	
		Colour	Cat. No.	M.R.P. (₹) Per Unit	Cat. No.
    (For IP67 protection of actuators)	White	NA	NA	HB17101	23
	Red	HH152002	20	HB17301	
	Green	HH153003		HB17401	
	Black	HH154004		NA	
	Yellow	HH155005		HB17501	
	Blue	NA	NA	HB17701	28
	Amber	NA	NA	HB17801	
	Colourless	HH150100	28	HB190003	

Spare Lens Cap		Cat. No.		M.R.P. (₹) Per Unit
		Colour		
 	Red	HB103002	HB103103	16
	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.

Collar (For Flush/ Projecting Head)		Cat. No.	Colour	M.R.P. (₹) Per Unit
		HB196000	Chrome Plated 'ABS'	15
		HB192000	Black	15
		HB326000	Brass	48
Adaptor Ring * (For 30 to 22 mm in Panel Cutout conversion)		HH180000	Gray	21
		HH182004	Black	
		HH196006	Chrome Plated 'ABS'	
Blanking Plugs		HH180002	Gray	41
		HH182009	Black	
		HH196010	Chrome Plated 'ABS'	
Center Indication Strip (For Twin Touch Actuator)		HB102058	Black	41
		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
	Second Row Clip (For Vertical Cascading)	HC122030	23
	Side Row Clip (For Horizontal Cascading)	HC929002	

Clips for Modular Blocks	Description	Cat. No.	M.R.P. (₹) Per Unit
	First Row Clip	HC922002	23
	Single Leg Clip	HE102000	

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

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

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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	JAЕ10000	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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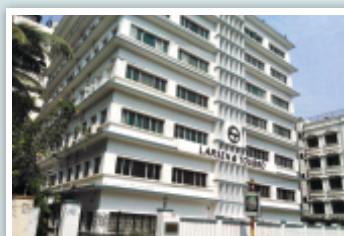
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