


WINNER OF
DEMING PRIZE
2019

 *L&T Electrical & Automation*



**Maximum Retail Prices
for Panel Accessories**

Effective from 01-08-2023



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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Rotary Switches _____	2
Load Break Switches _____	13
Cable Ducts _____	15
Timing Devices, Supply Monitors & ELR _____	18
Modular Remote Control Units _____	25

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

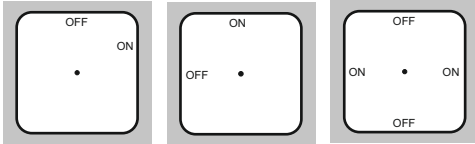
Advanced Multifunction meters

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]



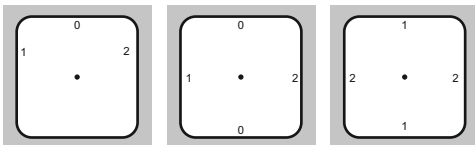
Isolators Switches (ON-OFF Switches)



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	150	255	345	380	475	610	710	3735	4825	
61002	61192	61198	2 Pole ON - OFF	195	290	395	470	555	735	910	4670	6290	
61003 [§]	-	-	3 Pole ON - OFF	210	350	710	885	985	1235	1770	6325	8245	
-	61199	61197		210	350	460	615	685	860	1230	5750	7855	
61004	61194	61196	4 Pole ON - OFF	260	390	495	745	800	970	1465	6660	9340	

Offered upto 12 Pole

§ Motor Duty Switch (AC-3 Duty)

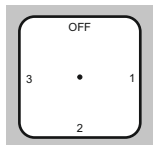


Changeover Switches (Local - Remote, Auto - Manual Switches)



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	195	320	435	475	535	710	965	4825	6980	
61026	61152	61038	2 P 2W	260	385	495	645	745	975	1465	7065	10635	
61027	61153	61039	3 P 2W	320	480	660	970	1050	1230	1965	9150	13610	
61028	61154	61040	4 P 2W	395	560	760	1275	1340	1480	2465	11555	16990	

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	416	516	754	848

Phase Changeover in SS enclosure



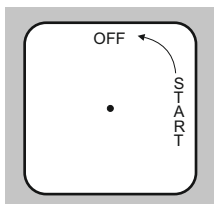
Cat. No.	Description	M.R.P. (₹) Per Unit			
		25A (E)	32A (F)	40A (G)	63A (I)
72347P □ M17TDYR.	PS Series Switches in SS enclosure	3160	3328	4920	5038

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

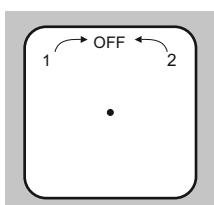
Spring Return Switches [8536]

ON - OFF Spring Return Switches



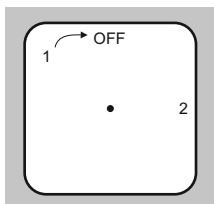
Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () #→ ↓	M.R.P. (₹) Per Unit	
		16A (SCB03)	25A (SEB03)
1 P ON - OFF	61351	745	1160
2 P ON - OFF	61352	780	1310
3 P ON - OFF	61353	885	1570
4 P ON - OFF	61354	1045	1710

Double Throw with Spring Return Switches



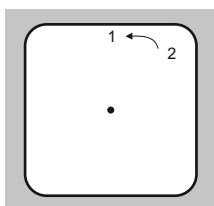
Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () #→ ↓	M.R.P. (₹) Per Unit	
		16A (SCB03)	25A (SEB03)
1 P 2W W/OFF Spring Return	61361	780	1310
2 P 2W W/OFF Spring Return	61362	1150	1710
3 P 2W W/OFF Spring Return	61363	1255	2135

One Side Spring Return Switches



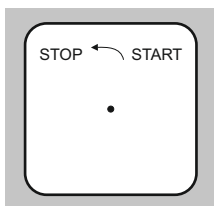
Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () #→ ↓	M.R.P. (₹) Per Unit	
		16A (SCB03)	25A (SEB03)
1 P 3W Spring Return - OFF from 1	61364	710	1310
2 P 3W Spring Return - OFF from 1	61365	1045	1710
3 P 3W Spring Return - OFF from 1	61369	1140	2135

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	710	1310
2 P 2W Spring Return - from 2 to 1	61372	1045	1710
3 P 2W Spring Return - from 2 to 1	61373	1140	2135

Start Stop Spring Return Switches



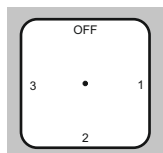
Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () #→ ↓	M.R.P. (₹) Per Unit	
		16A (SCB03)	25A (SEB03)
1 P Start Stop Spring Return	61300	885	1325
2 P Start Stop Spring Return	61388	1045	1710

For complete ordering code, Kindly refer Page No. 10

Multi Step Switches [8536]

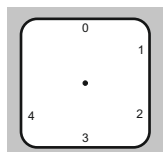


Multi Step Switches with OFF



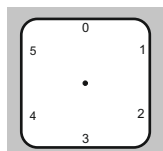
3 Way

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	230	365	455	PS Series Switches (Refer page no. 2)				4905	7450
2 P 3W	61080	320	425	555	765	825	1185	1335	7210	11390
3 P 3W	61100	460	575	940	1135	1240	1585	2060	9415	14995
4 P 3W	61131	590	735	1140	1420	1560	2120	2475	11895	18750



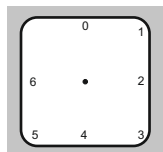
4 Way

1 P 4W	61061	270	330	660	805	890	1015	1375	6895	***
2 P 4W	61081	460	615	780	850	985	1450	1610	11555	***
3 P 4W	61101	635	775	1240	1420	1630	1845	2475	17415	22490
4 P 4W	61132	770	1150	1575	1705	1820	2405	2855	24435	36655



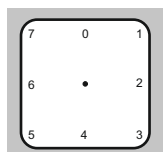
5 Way

1 P 5W	61062	295	430	700	1005	1020	1045	1475	***	13995
2 P 5W	61082	535	805	1015	1370	1610	1650	2065	***	***
3 P 5W	61102	710	1475	1760	1940	2140	2390	2800	23185	***



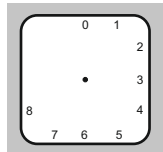
6 Way

1 P 6W	61063	385	535	735	1015	1040	1075	***	***	***
2 P 6W	61083	635	***	1075	***	1845	***	3460	***	***
3 P 6W	61103	885	***	2025	2285	2460	***	2880	***	***



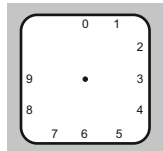
7 Way

1 P 7W	61064	395	605	795	1020	1070	1110	1725	***	***
2 P 7W	61084	665	***	1055	1600	1705	2360	2735	***	***
3 P 7W	61104	920	***	1705	2105	***	3220	3790	***	***



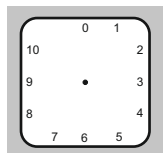
8 Way

1 P 8W	61065	445	660	790	1400	***	1755	***	***	***
2 P 8W	61085	730	***	1440	***	***	***	***	***	***



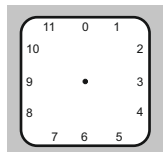
9 Way

1 P 9W	61066	460	***	***	***	***	***	***	***	***
2 P 9W	61086	830	***	2110	***	***	***	***	***	***



10 Way

1 P 10W	61067	535	795	1100	2390	***	***	***	***	***
2 P 10W	61087	855	***	***	***	***	***	***	***	***



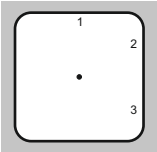
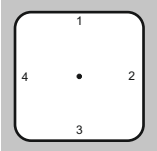
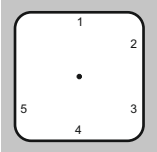
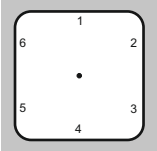
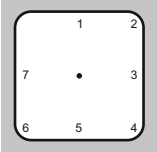
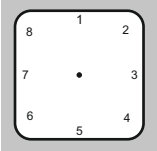
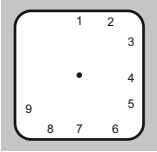
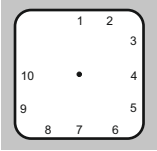
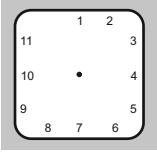
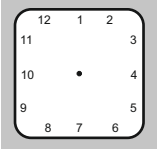
11 Way

1 P 11W	61068	635	***	1005	2610	***	***	***	***	***
2 P 11W	61088	970	***	***	***	***	***	***	***	***

***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	215	350	465	590	615	945	1070	***	7560
	2 P 3W W/O OFF	61069	320	530	650	780	1175	1185	1400	7210	13610
	3 P 3W W/O OFF	61089	460	660	970	1135	1240	1585	2060	9415	15095
	4 P 3W W/O OFF	61120	590	735	1125	1445	1540	3380	3730	***	***
	1 P 4W W/O OFF	61050	245	380	560	710	745	1035	1435	4905	7725
	2 P 4W W/O OFF	61070	360	550	660	840	920	1240	1610	7580	12240
	3 P 4W W/O OFF	61090	490	540	1055	1340	1480	1620	2165	9980	16500
	4 P 4W W/O OFF	61121	680	735	1230	1620	1725	2165	2890	12260	20875
	1 P 5W W/O OFF	61051	295	395	605	800	987	***	1475	6295	***
	2 P 5W W/O OFF	61071	535	720	845	1280	1610	***	***	***	15505
	3 P 5W W/O OFF	61091	710	1475	1605	1755	1925	2040	2880	***	***
	1 P 6W W/O OFF	61052	310	650	755	890	1020	1195	1510	7210	14115
	2 P 6W W/O OFF	61072	620	755	1020	1590	1635	1650	2110	14370	18470
	3 P 6W W/O OFF	61092	755	1385	1730	1900	1970	2155	2880	24435	38630
	1 P 7W W/O OFF	61053	385	605	685	1055	***	***	***	12710	***
	2 P 7W W/O OFF	61073	665	***	1140	1620	***	***	***	***	***
	3 P 7W W/O OFF	61093	920	***	1885	2455	***	***	3875	***	***
	1 P 8W W/O OFF	61054	395	715	855	1070	1125	1245	1820	12075	***
	2 P 8W W/O OFF	61074	705	1135	1440	1690	1830	***	3530	***	***
	3 P 8W W/O OFF	61094	990	***	2055	2210	2250	2580	4070	***	***
	1 P 9W W/O OFF	61055	460	***	1365	***	***	***	***	***	***
	2 P 9W W/O OFF	61075	780	***	***	***	***	***	***	***	***
	1 P 10W W/O OFF	61056	495	760	1055	***	***	***	***	***	***
	2 P 10W W/O OFF	61076	865	***	***	***	***	***	***	***	***
	1 P 11W W/O OFF	61057	915	***	***	***	***	***	***	***	***
	2 P 11W W/O OFF	61077	1045	***	***	***	***	***	***	***	***
	1 P 12W W/O OFF	61058	965	***	1125	2700	2875	***	***	***	***
	2 P 12W W/O OFF	61078	1130	***	***	***	***	***	***	***	***

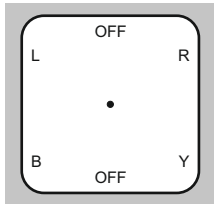
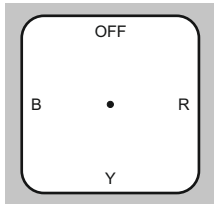
***Prices are available on request.

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

Instrumentation Selector Switches [8536]

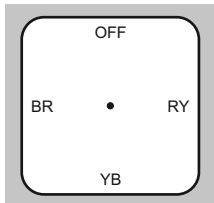


Ammeter Selector Switches (ASS)

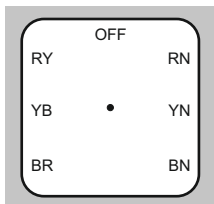


Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Line Currents with OFF with CT	61325 SAB13TDYR	6A	320
Line Currents with OFF with CT	61325 SBB13TDYR	10A	340
Line Currents with OFF with CT	61325 SCB03TDYR	16A	490
Line Currents with OFF without CT	71000 SCB03TDYR	16A	1405
Direct Currents with OFF without CT	71000 SEB03TDYR	25A	1620
Direct Currents with OFF without CT	71000 SFB03TDYR	32A	1945
Direct Currents with OFF without CT	71000 SGB03TDYR	40A	3420
Direct Currents with OFF without CT	71000 SIB03TDYR	63A	3610

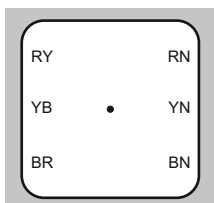
Voltmeter Selector Switches (VSS)



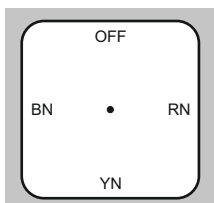
Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases with OFF	61312 SAB13TDYR	6A	235
Voltage between Phases with OFF	61312 SBB13TDYR	10A	310
Voltage between Phases with OFF	61312 SCB03TDYR	16A	440



Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases & Individual Phases to Neutral with OFF	61313 SAB13TDYR	6A	415
Voltage between Phases & Individual Phases to Neutral with OFF	61313 SBB13TDYR	10A	615
Voltage between Phases & Individual Phases to Neutral with OFF	61313 SCB03TDYR	16A	830

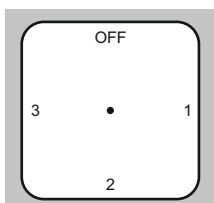


Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phase & Phase to Neutral without OFF	61314 SBB13TDYR	10A	610



Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases & Phase to Neutral without OFF	61311 SAB13TDYR	6A	415
Voltage between Phases & Phase to Neutral with OFF	61311 SBB13TDYR	10A	415

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	650



Control your breaker remotely through TNC switch

Breaker Control Switches (Trip-Neutral-Close)

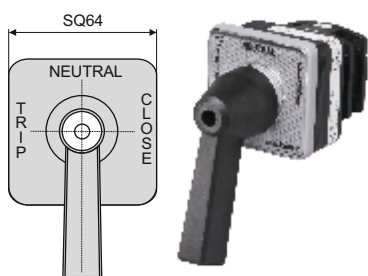
- 1NO+1NO, 2NO+2NC model available in 25A
- Barrel lock option available
- Lost motion contact (LMD) & Sequence Locking available



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

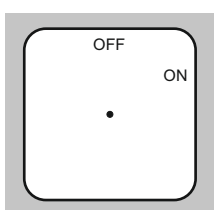
Breaker Control Switches (Trip - Neutral - Close)



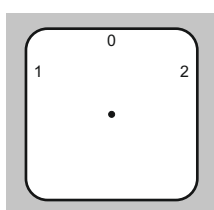
Rating	Contact Arrangement	Mounting Type	Cat. No.	M.R.P. (₹) Per Unit
25A	1Trip + 1Close	Standard	73257SEB03PGGB	1230
25A	1Trip + 1Close	Standard	73257SEB03PGYR	1230
25A	1Trip + 1Close	Barrel Lock	73257SEB90PGBB	1705
25A	2Trip + 2Close	Standard	72009SEB03PGGB	1449
25A	2Trip + 2Close	Standard	72009SEB03PGYR	1449
25A	2Trip + 2Close	Standard	72009SEB03PGGB	1449
25A	2Trip + 2Close	Barrel Lock	72009SEB90PGBB	2090

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

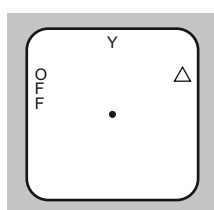
Motor Duty Switches



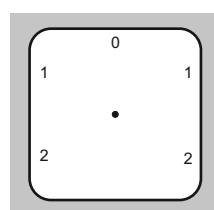
61003



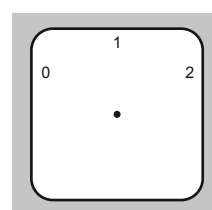
61211



61200



61217



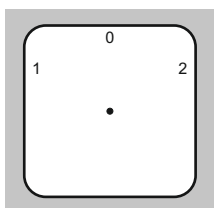
61212

Description	Cat. No. #	M.R.P. (₹) Per Unit						
		16A (SCB03)	25A (SEB03)	32A (SFB03)	40A (SGB03)	63A (SIB03)	100A (SKB03)	200A (SNB03)
ON - OFF Switch	61003	710	885	985	1235	1770	6325	8245
FOR - OFF - REV Switch	61211	535	660	780	2035	2475	6305	10165
Star - Delta Switch	61200	710	930	1170	1785	2285	***	***
2 Speed for FOR - OFF - REV Switch	61217	***	1685^	***	2815	***	***	***
2 Speed forward Switch	61212	780	1535	1920	2415	2960	7885	9105

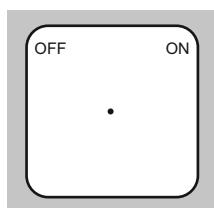
^ Supplied only with ball grip handle

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

Switches in Enclosure



73393, 71913



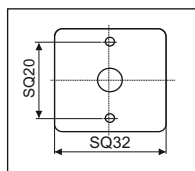
72244



Description	Cat. No.	Amps	M.R.P.
FOR - OFF - Rev in SS with ball grip handle	73393SCM17BGXB	16A	660
FOR - OFF - Rev in SS with ball grip handle	71913SEM17BGYR	25A	1005
FOR - OFF - Rev in SS with ball grip handle	71913SFM17BGYR	32A	1385
3 Pole ON - OFF in SS	72244SEM17TDYR	25A	875
3 Pole ON - OFF in SS	72244SFM17TDYR	32A	1195
3 Pole 2Way Without OFF in SS	61153SCM17TDYR	16A	1090

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

Rotary Switch Accessories [8538]



Front Plate Assembly

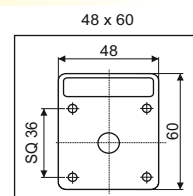
Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Front Plate for 6 to 16A	FP16SQ48	48 x 48	35
Front Plate for 25 & 32A	FP32SQ64	64 x 64	60
Front Plate for 40 to 200A	FP200SQ88	88 x 88	95



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	20
Flag Handle for 25 - 32A	KNFHS3	64 x 64, 64 x 80	35
Ball Handle for 16 - 32A	HNBHS1	64 x 64, 64 x 80	85
Ball Handle for 40 - 63A	HNBHS2	88 x 88, 104 x 104	95
PG Handle for 16 - 32A	HNPGS1	64 x 64, 64 x 80	105
Lever Handle for 40 - 200A	HNLVS1	88 x 88, 104 x 104	130
Tear Drop for 6 - 16A	KNTDS1	48 x 48, 48 x 60	20
Tear Drop for 16 - 32A	KNTDS2	64 x 64, 64 x 80	35
Tear Drop for 40 - 400A	KNTDS3	88 x 88, 104 x 104	70



Special Front Plate Assembly

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
SPL IND Plates upto 16A	FPRT4860	48 x 60	60
SPL IND Plates for 16 - 32A	FPRT6480	64 x 80	105

Script Plate (marking plate)

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Script Plate for 6 - 16A	SPSQ48	48 x 48	20
Script Plate for 16 - 32A	SPSQ64	64 x 64	25
Script Plate for 40 - 200A	SPSQ88	88 x 88	30
Script Plate for 6 - 16A	SPRT4816	48 x 16	10
Script Plate for 6 - 32A	SPRT6416	64 x 16	12

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	15
Rear MTG Plate for 25 - 32A	MPSQ64	64 x 64	25
Rear MTG Plate for 40 - 63A	MPSQ88	88 x 88	55
Rear MTG Plate for 80 - 400A	MPSQ104	104 x 104	105
DIN Rail Attachment upto 32A	B21DIN35	-	95

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	640
Aluminium Enclosure B17 16A upto 3 Stage / 25A upto 2 Stage	WMBAL	1065
SS Enclosure M17 upto 32A - 4 Stage	WMBSS	400



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	21
Silver Finish 64 x 64 mm	SFSQ64	64 x 64	24
Silver Finish 88 x 88 mm	SFSQ88	88 x 88	30
Silver Finish 104 x 104 mm	SFSQ104	104 x 104	53

Shrouding Cover (maximum 6 Contacts Round Type)

Description	Cat. No.	M.R.P. (₹) Per Unit
Shrouding Cover for 6 - 10A	SHCS1	65
Shrouding Cover for 16A	SHCS2	65
Shrouding Cover for 25 - 32A	SHCS3	100
Shrouding Cover for 40 - 63A	SHCS4	105
Special Cover for Extended Termination 80 - 400A (maximum 2 Contact Stage)	SHCS5	780

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

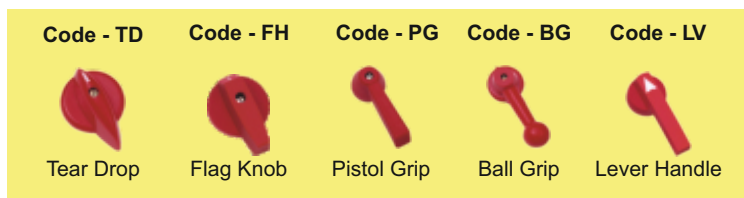
3. Ampere Selection

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

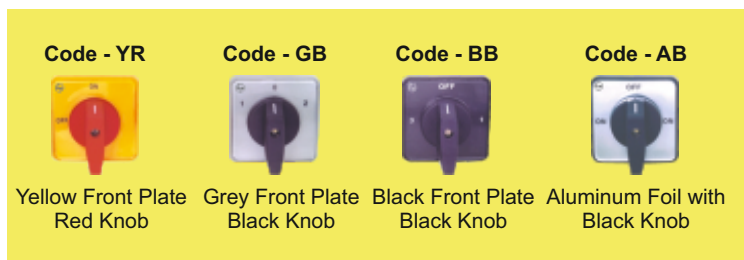
4. Mounting Style



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

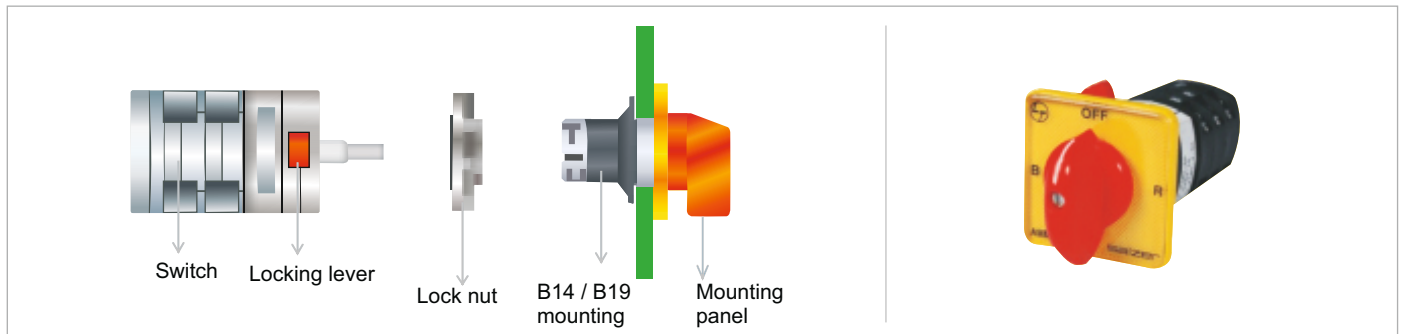
Note: 1. For ratings of 6/10A, standard mounting style is B13
2. Single hole mounting equivalent of B03 is B19 and B13 is B14.

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.

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)	80A (J)	100A (K)	125A (L)
3 Pole C/O Front Panel Mounting	EBX31153B13BGYR	2303	2398	2797	2911	*	*	*
3 Pole C/O Rear Mounting	EBX31153MB42BGYR	2671	2768	3222	3322	5939	7430	9282
3 Pole C/O in SS Enclosure	EBX31153SB31BGYR	3194	3281	3797	3910	*	*	*
3 Pole C/O Rear Mounting	EBX31153B21BGYR	2671	2768	3222	3322	5939	7430	9282
3 Pole C/O Rear Mounting	EBX31153MB34LHGB	2671	2768	3222	3322	5939	7430	9282
3 Pole C/O in Polycarbonate Enclosure	EBX31153B31LBGYR	3194	3281	3797	3910	*	*	*
3 Pole C/O in SS Enclosure	EBX31153SB31XLLHYR	*	*	*	*	8393	9874	11725

4 Pole EB - GEN Changeover Switches



MB42 Mounting

Description	Cat. No.	M.R.P. (₹) Per Unit						
		25A (E)	32A (F)	40A (G)	63A (I)	80A (J)	100A (K)	125A (L)
4 Pole C/O Front Panel Mounting	EBX31154B13BGYR	2671	2768	3281	3377	*	*	*
4 Pole C/O Rear Mounting	EBX31154MB42BGYR	3009	3125	3689	3841	7490	9372	11707
4 Pole C/O in SS Enclosure	EBX31154SB31BGYR	3561	3699	4291	4444	*	*	*
4 Pole C/O Rear Mounting	EBX31154B21BGYR	3009	3125	3689	3841	7490	9372	11707
4 Pole C/O Rear Mounting	EBX31154MB34LHYR	3009	3125	3689	3841	7490	9372	11707
4 Pole C/O in Polycarbonate Enclosure	EBX31154B31LBGYR	3561	3699	4291	4444	*	*	*
4 Pole C/O in SS Enclosure	EBX31154B31XLLHYR	*	*	*	*	9943	11812	14161

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 ON LOAD ISOLATORS

- AC 23 Utilization category
- **Range from 16-125 Amps upto 8 pole**
- Multiple mounting options, ABS / Aluminium sheet steel enclosures / IP65 / NEMA Rated
- Add on pole Power / Neutral & Auxiliary pole
- **Changover switches from 25-125 Amps upto 4 poles**
Confirms to IEC 60947-1 & 3, EN 60947-3, UL60947-4-1



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	LBX32300B19FPYR		790	807	*	*	*	*	*	*	*
Front Plate MTG with Flag Knob	LBX32300B40FPYR		769	790	*	*	*	*	*	*	*
Front Panel MTG with B03 (48x48) Plate	LBX32300B03FLYR	32309	703	719	780	807	926	994	*	*	*
Front Panel MTG with B13 (64x64) Plate with Flag Knob	LBX32300B13FLYR	32306 / 32309	703	719	780	807	926	994	2514	3153	3960
Front Panel MTG with B13 (64x64) Plate with BG Handle	LBX32300B13BGYR	32309	*	*	856	886	1003	1060	*	*	*
DIN Rail MTG Switch with Flag Knob	LBX32300B23FLGB		*	*	780	807	926	994	*	*	*
Rectangular Pad Lock Switch with TDYR	LBX32300B30TDYR		*	*	943	994	1090	1147	*	*	*
Round Pad Lock Switch with RDYR	LBX32309B33RDYR		769	789	856	886	1003	1060	2725	3401	4250
Switch with B63 Lock & Key Version	LBX32309B63TDYR		*	*	1303	1362	1476	1516	*	*	*
Base MTG Switch with DIL and Pad Lock	LBX32309MB34RDYR		1227	1265	1362	1437	1497	1612	3630	4532	5666
Base MTG Switch with BG Handle	LBX32309MB42BGYR		1227	1265	1362	1437	1497	1612	3630	4532	5666
Switch in Polycarbonate Enclosure - in B31SM	LBX32300B31SMRDYR		1557	1604	1732	1777	*	*	*	*	*
Switch in Polycarbonate Enclosure - in B31M	LBX32309B31MRDYR		*	*	*	*	1943	1992	*	*	*
Switch in Polycarbonate Enclosure - in B31L with Leech Handle	LBX32309SB31LLHYR		*	*	*	*	*	*	5113	6026	7150
Switch in SS Enclosure - in SB31L with Leech Handle	LBX32309SB31LLHYR		*	*	*	*	*	*	5113	6026	7150

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	LBX32400B19FPYR		982	1003	*	*	*	*	*	*	*
Front Plate MTG with Flag Knob	LBX32400B40FPYR		964	982	*	*	*	*	*	*	*
Front Panel MTG with B03 (48x48) Plate	LBX32400B03FLYR	32409	895	916	995	1022	1197	1265	*	*	*
Front Panel MTG with B13 (64x64) Plate with Flag Knob	LBX32400B13FLYR	32406 / 32409	895	916	995	1022	1197	1265	3085	3871	4850
Front Panel MTG with B13 (64x64) Plate with BG Handle	LBX32400B13BGYR	32409	*	*	1072	1101	1275	1333	*	*	*
DIN Rail MTG Switch with Flag Knob	LBX32400B23FLGB		*	*	995	1022	1197	1265	*	*	*
Rectangular Pad Lock Switch with TDYR	LBX32400B30TDYR		*	*	1156	1206	1362	1420	*	*	*
Round Pad Lock Switch with RDYR	LBX32409B33RDYR		964	982	1072	1101	1275	1333	3153	3937	4921
Switch with B63 Lock & Key Version	LBX32409B63TDYR		*	*	1516	1576	1747	1787	*	*	*
Base MTG Switch with DIL and Pad Lock	LBX32409MB34RDYR		1420	1458	1576	1650	1770	1885	4204	5249	6558
Base MTG Switch with BG Handle	LBX32409MB42BGYR		1420	1458	1576	1650	1770	1885	4204	5249	6558
Switch in Polycarbonate Enclosure - in B31SM	LBX32400B31SMRDYR		1747	1798	1943	1992	*	*	*	*	*
Switch in Polycarbonate Enclosure - in B31M	LBX32409B31MRDYR		*	*	*	*	2213	2263	*	*	*
Switch in Polycarbonate Enclosure - in B31L with Leech Handle	LBX32409SB31LLHYR		*	*	*	*	*	*	5687	6742	8045
Switch in SS Enclosure - in SB31L with Leech Handle	LBX32409SB31LLHYR		*	*	*	*	*	*	5687	6742	8045
Auxiliary Contact	FM / RM		198	198	241	241	241	241	719	719	719
Add-on Contact Additional Pole	FM / RM		203	212	228	255	297	320	840	1047	1154

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
------------------------------	-------------------------	------------------------------	--------------------------------	-------------------------	-------------------

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 R-Rear Mounting	XX MC-Main Module NC-Neutral Module AC-Auxiliary Module	XXX 20 - 16A to 20A 32 - 25A to 32A 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

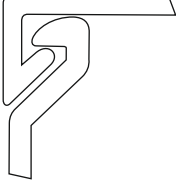
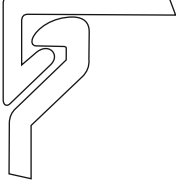
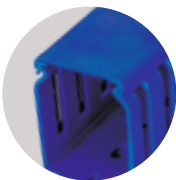
*** Note : Please contact nearest E&A branch office.

Cable Ducts [8538]

PVC Cable Ducts

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

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
Type A									
									
									
									
Specially designed profiles of duct and cover for fast and efficient locking.									
A Type									
* Snap fit cover									
* Easy to remove									
A 15 x 15	WWA1515SG	63	100	100	WWA1515SG2	126	64	64	
A 15 x 25	WWA1525SG	87	100	100	WWA1525SG2	174	64	64	
A 25 x 25	WWA2525SG	105	70	70	WWA2525SG2	210	48	48	
A 30 x 25	WWA3025SG	116	70	70	WWA3025SG2	232	48	48	
A 40 x 30	WWA4030SG	145	75	75	WWA4030SG2	290	32	32	
A 45 x 25	WWA4525SG	147	75	75	WWA4525SG2	294	40	40	
A 45 x 30	WWA4530SG	148	50	50	WWA4530SG2	296	32	32	
A 45 x 45	WWA4545SG	187	50	50	WWA4545SG2	374	18	18	
A 45 x 60	WWA4560SG	226	50	50	WWA4560SG2	452	12	12	
A 60 x 25	WWA6025SG	187	50	50	WWA6025SG2	374	18	18	
A 60 x 45	WWA6045SG	220	50	50	WWA6045SG2	440	18	18	
A 60 x 60	WWA6060SG	261	32	32	WWA6060SG2	522	12	12	
A 60 x 120	WWA60120SG	888	18	90	WWA60120SG2	1776	8	80	
A 75 x 45	WWA7545SG	274	40	40	WWA7545SG2	548	12	12	
A 75 x 75	WWA7575SG	385	32	32	WWA7575SG2	770	12	12	
A 80 x 80	WWA8080SG	431	25	25	WWA8080SG2	862	12	12	
A 100 x 100	WWA100100SG	696	18	18	WWA100100SG2	1392	8	40	

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
Type B									
									
									
Non slip cover design of minimum encumbrance and maximum grip									
									
B Type									
* Non - slip cover									
* Positive locking									
B 25 x 25	WWB2525SG	113	70	70	WWB2525SG2	226	36	36	
B 25 x 30	WWB2530SG	120	100	100	WWB2530SG2	240	36	36	
B 25 x 40	WWB2540SG	147	75	75	WWB2540SG2	294	36	36	
B 25 x 45	WWB2545SG	152	75	225	WWB2545SG2	304	36	108	
B 25 x 60	WWB2560SG	193	50	50	WWB2560SG2	386	18	18	
B 25 x 80	WWB2580SG	262	50	50	WWB2580SG2	524	18	18	
B 25 x 100	WWB25100SG	333	25	25	WWB25100SG2	666	18	18	
B 30 x 20	WWB3020UG	147	100	200	WWB3020UG2	294	36	180	
B 30 x 80	WWB3080SG	363	50	200	WWB3080SG2	726	18	90	
B 40 x 40	WWB4040SG	193	50	50	WWB4040SG2	386	18	18	
B 45 x 45	WWB4545SG	200	50	50	WWB4545SG2	400	18	18	
B 40 x 60	WWB4060SG	234	50	50	WWB4060SG2	468	18	18	
B 40 x 80	WWB4080SG	277	50	50	WWB4080SG2	554	18	18	
B 40 x 100	WWB40100SG	348	25	25	WWB40100SG2	696	12	12	
B 45 x 20	WWB4520UG	153	75	225	WWB4520UG2	306	36	180	
B 50 x 100	WWB50100SG	400	30	90	WWB50100SG2	800	12	60	
B 60 x 20	WWB6020UG	210	50	200	WWB6020UG2	420	18	90	
B 60 x 40	WWB6040SG	234	50	50	WWB6040SG2	468	18	90	
B 60 x 60	WWB6060SG	277	50	50	WWB6060SG2	554	12	12	
B 60 x 80	WWB6080SG	360	40	40	WWB6080SG2	720	12	12	
B 60 x 100	WWB60100SG	474	30	30	WWB60100SG2	948	8	8	
B 72 x 64	WWB7264SG	333	32	96	WWB7264SG2	666	18	90	
B 75 x 75	WWB7575SG	468	32	96	WWB7575SG2	936	8	40	
B 75 x 100	WWB75100SG	489	25	75	WWB75100SG2	978	8	40	
B 80 x 40	WWB8040SG	283	50	100	WWB8040SG2	566	12	60	
B 80 x 60	WWB8060SG	374	40	80	WWB8060SG2	748	12	60	
B 80 x 80	WWB8080SG	466	32	32	WWB8080SG2	932	12	12	
B 80 x 100	WWB80100SG	523	24	24	WWB80100SG2	1046	8	8	
B 100 x 60	WWB10060SG	446	30	30	WWB10060SG2	892	8	8	
B 100 x 80	WWB10080SG	523	25	25	WWB10080SG2	1046	8	8	
B 100 x 100	WWB100100SG	762	18	18	WWB100100SG2	1524	8	8	
B 120 x 80	WWB12080SG	741	18	90	WWB12080SG2	1482	8	40	
B 150 x 100	WWB150100SG	952	12	48	WWB150100SG2	1904	4	40	
B 150 x 150	WWB150150SG	2069	8	80	WWB150150SG2	4138	2	40	

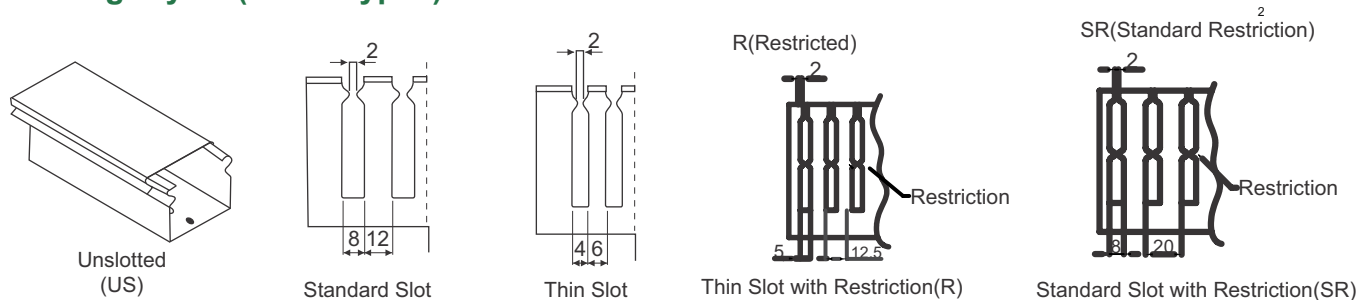
Note : 1) For any special colour request additional 10% will be charged on price. For cut length additional 10% will be charged.
 2) Thin / Unslot will be supplied on request. For thin slot replace the cat. number ending with SG by TG,
 For un slotted channel replace the cat. number ending with SG by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

Covers for FRLS Cable Duct

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

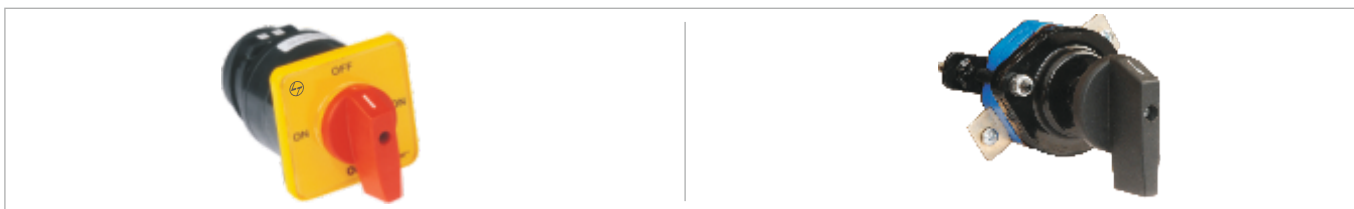
Description	Cat. No.	M.R.P. (₹)
		Per Unit
Cover for 15 mm A type	CCA15SG	29
Cover for 25 mm A type	CCA25SG	46
Cover for 30 mm A type	CCA30SG	55
Cover for 45 mm A type	CCA45SG	86
Cover for 60 mm A type	CCA60SG	104
Cover for 75 mm A type	CCA75SG	131
Cover for 80 mm A type	CCA80SG	155
Cover for 100 mm A type	CCA100SG	190
Cover for 25 mm B type	CCB25SG	48
Cover for 30 mm B type	CCB30SG	57
Cover for 40 mm B type	CCB40SG	72
Cover for 45 mm B type	CCB45SG	88
Cover for 50 mm B type	CCB50SG	107
Cover for 60 mm B type	CCB60SG	107
Cover for 72 mm B type	CCB72SG	135
Cover for 75 mm B type	CCB75SG	135
Cover for 80 mm B type	CCB80SG	161
Cover for 100 mm B type	CCB100SG	196
Cover for 120 mm B type	CCB120SG	210
Cover for 150 mm B type	CCB150SG	245

Slotting Styles (A & B Types)



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



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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	770	
			110 VAC/24 VAC/DC			110DT4	1200
			12 VDC			15ODT4	980
	ON Delay & Interval	0.1 sec - 100 hrs	240 VAC/24 VAC/DC	1 C/O	12WDT4	955	
	Star Delta Timer	3 sec - 120 sec	240 VAC	1 NO (Star)+1 NO (Delta)	12SDT0	870	
		3 sec - 30 sec	240 - 415 VAC	1 C/O (Star)+1 C/O (Delta)	14SDT1S	1265	
	Signal OFF Delay	0.3 sec - 30 hrs	240 VAC/24 VAC/DC	1 C/O	12RDT4	900	
		0.3 sec - 30 hrs	12 VDC			15DDT4	980
	Multifunction Timer	0.1 sec - 100 hrs	12 - 240 VAC/DC	1 C/O	1CMDT0	1530	
				2 C/O	1CMDTF	1630	
	Asymmetrical ON/OFF & OFF/ON	0.1 sec - 100 hrs	12 - 240 VAC/DC	1 C/O	1CJDT0	1530	
	One Shot	0.3 sec - 30 hrs	110 VAC/24 VAC/DC	1 C/O	11BDT4	1140	
240 VAC/24 VAC/DC			12BDT4			1140	
12 VDC			15BDT4			1200	
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	1630		

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	1395
	Star Delta Timer	3 sec - 120 sec	24 - 240 VAC/DC	1 NO (Star)+1 NO (Delta)	2ASDT0	1465
			240 - 415 VAC			2BSDT0
	Multifunction Timer	0.1s to 120 days	24 - 240 VAC/DC	2 C/O (1 Inst+1 Delayed)	2A8DT6	1565
	Multifunction Multirange	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O	2A5DT5	1550
			240 - 415 VAC			2B5DT5
	Signal Base Multi function - Multirange	0.1 sec - 10 hrs	24 - 240 VAC/DC	1 C/O	2ANDT0	1645
	Multifunction Timer 6 Functions	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O (1 Inst+1 Delayed for 6th Mode)	2A6DT6	1660
			240 - 415 VAC			2B6DT6
	True OFF Delay	0.6 sec - 600 sec	24 - 240 VAC/DC	2 C/O	23GDT0	2435
Asymmetrical ON/OFF	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O	2AADT5	1755	


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	1655
			24 - 240 VAC/DC	2 NO	V0DDTD	1655
	18 Functions	0.1 sec - 999 hrs	24 - 240 VAC/DC	1 C/O	V0DDTS1	1875
24 - 240 VAC/DC			2 NO	V0DDTD1	1875	

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	1830
		Delay time Td: 0.2 to 60 sec	240 VAC		22LDT0	1830

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	2550
		110 VAC Base/DIN Mounting		J638B1	3465
		240 VAC Flush Mounting		J648F1	3220
		110 VAC Flush Mounting		J638F1	3360
	FM1 / Quartz Weekly	240 VAC Base/DIN Mounting		J848B1	3465
		110 VAC Base/DIN Mounting		J838B1	3465
		240 VAC Flush Mounting		J848F1	3355
		110 VAC Flush Mounting		J838F1	3355

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	2310
		24 VDC 1 C/O Base/DIN 25 ON/OFF Each		6GHDT0	2670
		12 VDC 1 C/O Base/DIN 25 ON/OFF Each		69HDT0	2810
	Time Switch (Crono Pro)	110 - 240 VAC 2 C/O Base/DIN 50 ON/OFF Each		WT2DCDS	3105
	Time Switch (Pulse) *	110 - 240 VAC 1 C/O Base/DIN 16 Pulse		67DDT9	2500
		24V DC 1 C/O Base /Din 16 Pulse		6GHDT9	2825
		12V DC 1 C/O Base /Din 16 Pulse		69HDT9	2970

* 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	4305
	Astro Pro	110 - 240 VAC 1 Phase - 2W 2 C/O , Base/Din 50 ON/OFF Each		AS2DCDS	5370
	Astro	110 - 240 VAC 3 Phase - 4W 3 Channel 3 N/O , Base/Din		T3DDT0	10560



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>	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	1010			
40 VAC Asymmetry					415 VAC, 2 C/O	MC21B5	1475				
 <p>SM 500</p>	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	1160				
						Selectable Under Voltage + Selectable Over Voltage	Selectable ON Delay (0 to 15 min)	-	240 VAC, 1 C/O	MD71B9	1515
							Selectable ON Delay (0 to 15 sec)	-		MD71BH	1515
 <p>SM 500 with Neutral Loss Protection</p>	SM500 (3 Ph / 1 Ph, 4W)	Single Phasing Preventor + Selectable Under Voltage + Selectable Over Voltage	Selectable OFF Delay (0 to 15 sec)	-	240 VAC, 2 C/O	MD71BF	1780				
			Selectable ON Delay (0 to 15 min) & OFF Delay 5 sec	Phase Asymmetry 10% fixed		MG73B9	1860				
			Selectable ON Delay (0 to 15 sec) & OFF Delay 5 sec	Phase Asymmetry 10% fixed							
		Selectable OFF Delay (0 to 15 sec) & ON Delay 5 sec	Phase Asymmetry 10% fixed	MG73BH	1860						
		SPP + UV/OV, with fixed UV (173 V) & OV (288 V)	Selectable ON (10 Sec) and OFF Delay (5 Sec)	Phase Asymmetry 20% fixed	MG73BF	1860					
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	MG73BR	1860						
 <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	MAC04 D0100	1860				
		Single Phasing Preventor + Selectable Under Voltage + Selectable Over Voltage	Selectable ON Delay 15 sec & OFF Delay 5 sec	Phase Asymmetry 10%		MB53BM	1895				
			Selectable OFF Delay 15 sec & ON Delay 5 sec	Phase Asymmetry 10%		MG53BH	1895				
			ON Delay 5 sec and OFF Delay 5 sec	65 VAC Asymmetry		MG53BF	1895				
			ON Delay 3 min and OFF Delay 5 sec UV 85% of ϕ OV 110% of ϕ	Phase Asymmetry 10%		MG53BI	1785				
 <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	1865				
					145-500 VAC (Line Voltage), 2C/O	DMS120	1970				
					85-300 VAC/DC (Auxiliary Supply) (P-N), 2 C/O	DMA220	2175				
 <p>SM 600 (MMR)</p>	SM 600 (3P, 3W)	Phase loss+ Phase Sequence +Phase Asymetry + UV + OV+3 phase interruption	Power ON delay (5s Fixed),ON delay (1-30 sec or Fixed), OFF delay (0.1 - 30 sec or Fixed)	Voltage +_ 1% of set value	500V -1000V AC 2 C/O	SMB110	8765				


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	1195
			ON Delay 500 msec & OFF Delay 100 msec	Phase Asymmetry (30% fixed)		MC21D5	1195
			ON Delay 5 sec & OFF Delay 100 msec (0 to 15s Selectable)	Phase Asymmetry (5% to 15% variable)		MA21DN	1560
	SM175 (3 Ph, 4W)	Phase Loss + Phase Sequence + Under Voltage + Over Voltage monitoring (UV: -2% to -20% of ϕ , OV: 2% to 20% of ϕ)	ON Delay 5 sec and Selectable OFF Delay (0 to 15 sec)	-		MD21DF	1560
			Selectable ON Delay (0.5 to 15 sec) and OFF Delay 5 sec	Phase Asymmetry (10% fixed)		MG21DH	1745
			ON Delay 5s and Selectable OFF Delay (0 to 15 sec)			MG21DF	1745
 <p>SM175 3 Ph, 4W</p>	SM175 (3 Ph, 4W)	Phase loss+ Phase Sequence+ Under Voltage + Over Voltage (UV:-2% to -22% of ϕ , OV: 2% to 22% of ϕ)	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	1895
					Phase loss+ Phase Sequence+ Under Voltage + Over Voltage (UV:-5% to -25% of ϕ / 60% of ϕ (Fixed), OV: 5% to 25% of ϕ / 110% of ϕ (Fixed))	240 VAC (3P, 4W), 1 C/O	MAG03D0425
	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	1270
			Phase loss+ Phase sequence+ Under Voltage + Over Voltage (UV:-5% to -25% / 80% of ϕ (Fixed), OV: 110% of ϕ (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	1895

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	2130
			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	
	1 Phase	Inverse Time Current Monitoring Relay	8 - 24A, 1 C/O	17B222AA0	
			15 - 45A, 1 C/O	17B322AA0	
			Definite Type / Instant Trip	2 - 5A 1 C/O	17B422PA0
		Definite Time Current Monitoring Relay	2 - 5A 1 C/O	17C412EB0	
			3 - 9A, 1 C/O	17C112EB0	
			8 - 24A, 1 C/O	17C212EB0	
15 - 45A, 1 C/O	2 - 5A 1 C/O	17C312EB0			
	3 - 9A, 1 C/O	17D412DA0			
	8 - 24A, 1 C/O	17D112DA0			
15 - 45A, 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	2440
			220 - 440 VAC, 1 C/O	MI91BJ	2440
	Under/Over Frequency Monitoring Relay	ON Delay (Fixed) and OFF Delay Selectable	110 - 240 VAC, 1 C/O	MI81BL	2665
220 - 440 VAC, 1 C/O			MI91BL	2665	

PTC Thermistor Relay Series 	Relay Type	Description	Cat. No.	M.R.P. (₹) Per Unit
	Thermistor Relay	110 - 240 VAC, 2 C/O	MJ83BK	2070
		220 - 440 VAC, 2 C/O	MJ93BK	2090
		24 VAC/DC, 2 C/O	MJA3BK	2420
		110 - 240 VAC, 1 C/O	MJ81BK	1910
		220 - 440 VAC, 1 C/O	MJ91BK	1910

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 Voltage 3 110 VAC 50 Hz 4 240 VAC 50 Hz C 110 VAC 60 Hz D 240 VAC 60 Hz	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 Price *290 *280	*Add to basic Price. Contact : 240 VAC 6A (Resistive)	

Table - 1

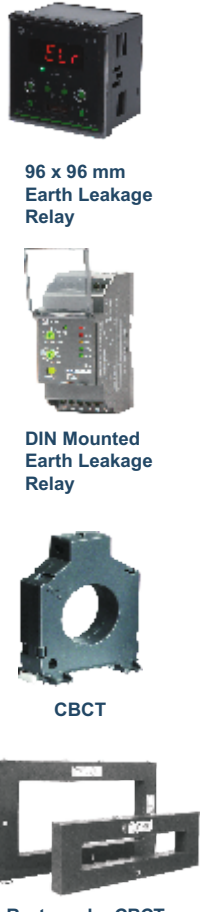
Single Range (SR) (In sec/min/hrs)	M.R.P. (₹) Per Unit for Single Range (SR) (In sec/min/hrs)	Multi Range (MR) with 5 Ranges	M.R.P. (₹) Per Unit
0.15 - 3	4665	0.15 sec - 3 hrs	5535
0.3 - 6		0.3 sec - 6 hrs	
0.6 - 12		0.6 sec - 12 hrs	
1.5 - 30			
3.0 - 60			
6.0 - 120			

Hour Meter & Counter [9029]

Hour Meters 	Product Description	Cat. No.	M.R.P. (₹) Per Unit
	HM36, 85 - 265 VAC Flush Mounting	LA25F1	780
	HM 36, 10 - 80 VDC Flush Mounting	LD17F1	1185
	HM36, 92 - 264 / 270 - 460 VAC Base - DIN Mounting	30A6B1	855
	HM36, 10 - 80 VDC Base/DIN Mounting	30D1B1	1185
	Digital Hour Meter/Digital Counter (Resettable)	Z□□FB□	1420

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 	Current Range	Type	Voltage & Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
96 x 96 mm Earth Leakage Relay DIN Mounted Earth Leakage Relay CBCT Rectangular CBCT	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	3840
			110 - 240 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault) with RS 485	17K716QF4M	5515
			240 - 415 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault)	17K726QF4N	3840
			240 - 415 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault) with RS 485	17K726QF4M	5515
		DIN mounted Earth Leakage Relay	110 - 240 VAC, 110 VDC, Manual reset	17G715GF2	3505
			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	1205
			57 mm ID	17H7NNIN3	1630
			70 mm ID	17H7NNQN3	1850
			92 mm ID	17H7NNJN3	2025
			120 mm ID	17H7NNLN3	2110
			210 mm ID	17H7NNKN3	3980
		CBCT (moulded case) for Type AC Current	38 mm ID	17H7NNRN3	900
			57 mm ID	17H7NNVN3	1010
70 mm ID	17H7NNSN3		1070		
92 mm ID	17H7NNTN3		1430		
120 mm ID	17H7NNUN3		1660		
Rectangular CBCT (moulded case) for Type AC Current	300 x 50 mm ID	17H9NNWN0	7950		
	350 x 150 mm ID	17H9NNXN0	9670		

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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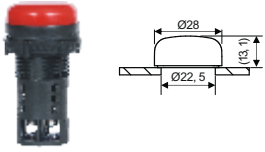

Modular Remote Control Units

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

Gen Next Series

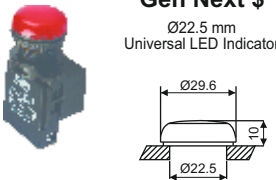
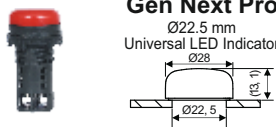
Gen Next LED Indicator [8531]

- 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	132 228 Blue & White
				415A - 415 VAC	165 282 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	149 249 Blue & White

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





Universal LED Indicator [8531]

Gen Next \$ Ø22.5 mm Universal LED Indicator	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	396 475 Blue & White
				224C-24 to 240V AC/DC	396 475 Blue & White
	Gen Next Pro Universal LED indicator	EPL□□□□□	R-Red G-Green Y-Yellow A-Amber B-Blue W-White	224C-24 to 240V AC/DC	396 475 Blue & White


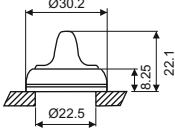







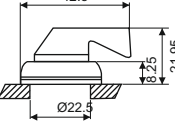







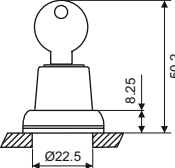







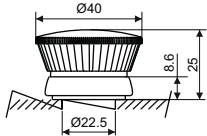

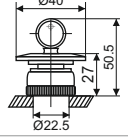

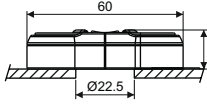
\$ Available till stock lasts


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	82
	Projecting Head Push Function	EMN□PD1	R-Red G-Green C-Black Y-Yellow W-White B-Blue A-Amber F-Gray	83
	Mushroom Head 'Push - Turn Function'	EMN□MH1	R-Red G-Green C-Black Y-Yellow	162
	Mushroom Head 'Push - Function'	EMN□MD1	R-Red G-Green C-Black Y-Yellow	118

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	232
		 Spring Return EMN□SI1		
		3 Position  Non Spring Return EMN□SL1		244
		 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	232
		 Spring Return EMN□LI1		
		3 Position  Non Spring Return EMN□LL1		244
		 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	333
		 Spring Return EMN□KI1		
		3 Position  Non Spring Return EMN□KL1		348
		 Spring Return EMN□KJ1		
		 Spring Return L. H. EMN□KM1		
		 Spring Return R. H. EMN□KN1		
 	Push Pull	EG02MG0□	R-Red	321
 	Mushroom Head Lock And Key Actuator	EG02MQ0R00	R-Red	363
 	Twin Touch with Black centre strip	EG02TD0I	—	165



Note :

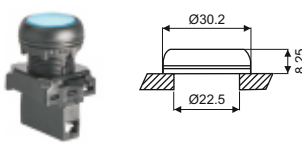
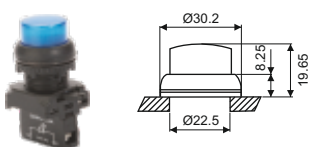
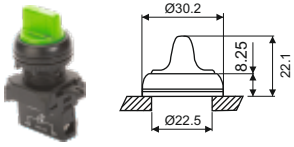




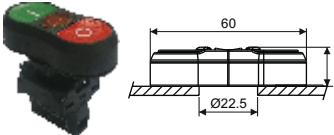
1. Actuators & Selector Actuators with black ABS collar are offered as Standard
2. Actuators (except Mushroom Head Push - Pull Actuators) are also available with chrome plated ABS & Brass collar Non-Illuminated Actuator
 - For PU Coated ABS Collar replace 7th digit 1 by 2 eg. : **EMNPD²**
 - For Brass 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)



Brass Metal Coller Push Button

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	235
			B-Blue W-White	110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	435 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	235
			B-Blue W-White	110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	435 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□□□□□	345		
		 Spring Return EG03SIL□□□□□			
		3 Position			
 Non Spring Return EG03SLL□□□□□	515 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	295

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	-	-	63
	'NC' Block	EC2C	-	-	63



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	172
			B-Blue W-White	110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	344 Blue and White


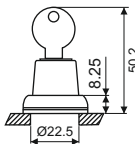






Note : Gen Next Modular Contact Blocks (EC1C and EC2C) can be used only with Gen Next Push Button Actuator



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	126
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC	W-White B-Blue A-Amber C-Black	184
 	Projecting Head Push Function	EE□□PD1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow	126
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC	W-White B-Blue A-Amber C-Black	184
 	Mushroom Head Push - Turn	EE□□MH1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow	185
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC	C-Black	252
 	Mushroom Head Push - Function	EE□□MD1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow	157
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC	C-Black	214
 	Symmetric Head Actuator	2 Position  Non Spring Return EE□□SK1	1 - 1 NO 2 - 1 NC	R-Red G-Green W-White C-Black	255
		 Spring Return EE□□SI1	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		314
		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)		323
		 Spring Return EE□□SJ1			
		 Spring Return L. H. EE□□SM1			
		 Spring Return R. H. EE□□SN1			
 	Lever Head	2 Position  Non Spring Return EE□□LK1	1 - 1 NO 2 - 1 NC	R-Red G-Green W-White C-Black	255
		 Spring Return EE□□LI1	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		314
		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)		323
		 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	327
		 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)
		 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					
		3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)	401			

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	298
			110 VAC	EG15R00C110A	298
			64 VAC/DC	EG15R00C064C	298
			48 VAC/DC	EG15R00C048C	298
			30 VAC/DC	EG15R00C030C	298
			24 VAC/DC	EG15R00C024C	298
			12 VAC/DC	EG15R00C012C	298

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	488
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO'	EP1FAB02	488
	Two Position Symmetric Head Selector Switch - Black with Legend - OFF / ON Contact - 1 'NO'	EP1FAF08	641
	Two Position Lock & Key Rotary Switch with Legend - OFF / ON Contact - 1 'NO'	EP1FAF12	709
	Mushroom Head Actuator 'Push Function' with Legend - STOP Contact - 1 'NC' for Stop	EP1FAC03	519

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	632
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' (Station One)	EP2FAH0201	709
	Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC'		
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' (Station One)	EP2FAH0205	783
	Mushroom Head Actuator 'Push Turn Type' with Legend - STOP Contact - 1 'NC' (Station Two)		
	LED Indicator 240 VAC - Red (Station One)	EP3FAUI1X0201	955
	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	895
	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	895
	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	2538
	8 Way push button pendant with hanging provision	EP8F04	2715
	Single Station Enclosure Box without Actuator	EP1FAA ^{\$}	270
	Two Station Enclosure Box without Actuator	EP2FAA ^{\$}	286
	Three Station Enclosure Box without Actuator	EP3FAA ^{\$}	295
	Eight Station Enclosure Box without Actuator	EP8FAA ^{\$}	494

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.

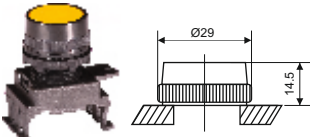
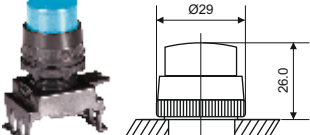
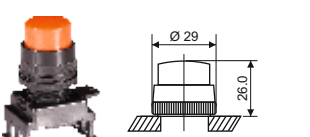
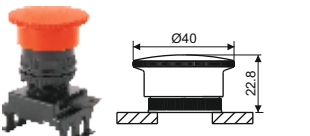
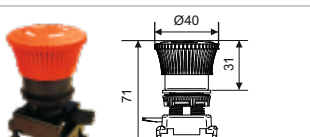
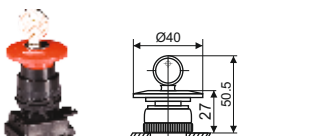
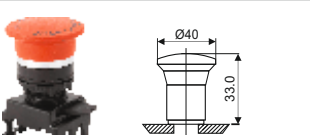
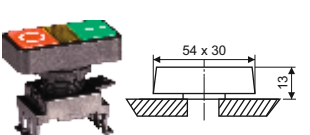
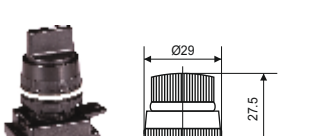






3. For any other combination of actuators/indicators in push button stations please contact nearest branch office.

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

\$ Chapter ID : 8538.

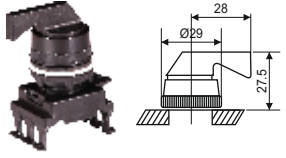






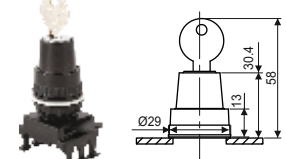






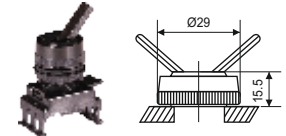

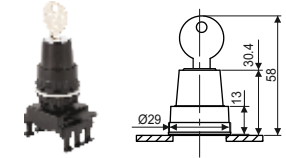

Standard Push Button & Selector Actuators Ø 22.5 mm \$ [8538]



- 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	132
	Projecting Head 'Push Function'	HD45C□	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange 8-Colorless	132
	Projecting Head 'Push - Push Function'	HF45C□	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange	285
	Mushroom Head Ø 40 mm 'Push Function'	HD55C□	1-Red 2-Green 3-Black 4-Yellow	180
	Mushroom Head 'Push Turn'	HH55C□	1-Red 2-Green 3-Black 4-Yellow	246
	Mushroom Head With Lock & Key	HQ55C□	1-Red 2-Green 3-Black 4-Yellow	476
	Mushroom Head 'Push Pull'	HG55B□	1-Red 2-Green 3-Black 4-Yellow 6-Blue	437
	Twin Touch	HD15G□	3-Black	256
	Symmetric Head	<p>2 Position</p> <p>Non Spring Return  HK65C□</p> <p>Spring Return  HI65C□</p> <p>3 Position</p> <p>Non Spring Return  HL65C□</p> <p>Spring Return  HJ65C□</p> <p>Spring Return from L. H.  HM65C□</p> <p>Spring Return from R. H.  HN65C□</p>	1-Red 2-Green 3-Black 5-White/Opal	350
373				

\$ Available till stock lasts

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

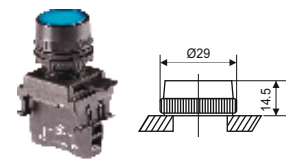
	Description	Cat. No.	Colour (4 th Digit)	M.R.P. (₹) Per Unit	
	Lever Head	2 Position		1-Red 3-Black 5-White/Opal	350
		Non Spring Return	 HK75C□		
		Spring Return	 HI75C□		
		3 Position			373
		Non Spring Return	 HL75C□		
		Spring Return	 HJ75C□		
		Spring Return from L. H.	 HM75C□		
Spring Return from R. H.	 HN75C□				
	Lock & Key Rotary Type	2 Position		3-Black	476
		Non Spring Return	 HK85C□		
		Spring Return	 HI85C□		
		3 Position			501
		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	294
		Non Spring Return	 HP95C□		
	Lock & Key Push Turn	2 Position		3-Black	501
		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
 \$ Available till stock lasts

- 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

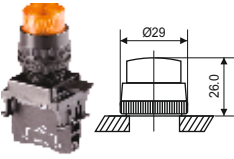
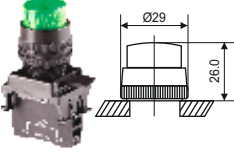
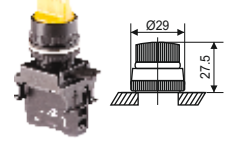





Standard Illuminated Actuators With LED \$ [8531]



- 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	335
			B-Blue W-White	240A - 240 VAC 220D - 220 VDC	634

\$ Available till stock lasts



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	335
			B-Blue W-White	240A - 240 VAC 220D - 220 VDC	634
	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	488
			B-Blue W-White	240A - 240 VAC 220D - 220 VDC	786
	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	438
	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	529
		2 Position Spring Return  EAL□□□□SI1	B-Blue W-White		786
		3 Position Non Spring Return  EAL□□□□SL1	R-Red G-Green Y-Yellow A-Amber		554
		3 Position Spring Return  EAL□□□□SJ1			
		3 Position Spring Return from L. H.  EAL□□□□SM1	B-Blue W-White		812
		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.

\$ Available till stock lasts

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	-	-	99
	'NC' Block	HC61B2	-	-	99
 [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	204 476 Blue & White

\$ Available till stock lasts

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	590
	Flush Head Actuator - Green with Laser Marking - START Contact - 1 'NO'	EWS1C01AC063	590
	Two Position Symmetric Head Selector Switch - Black with Laser Marking - OFF / ON Contact - 1 'NO'	EWS1C01AF064	779
	Illuminated Actuator - Green with Laser Marking - ON Contact - 1 'NO' - 240 VAC	EWS1C01AA070	696
	Two Position Lock & Key Rotary Switch with Laser Marking - OFF / ON Contact - 1 'NO'	EWS1C01AF065	881
	Mushroom Head Actuator 'Push Function' with Laser Marking - STOP Contact - 1 'NC' for Stop	EWS1C13AC054	627
	Mushroom Head Actuator 'Push Turn type' with Laser Marking - STOP Contact - 1 'NC' for Stop	EWS1C13AC051	708
	"Mushroom Head Actuator with Lock and Key on Yellow Cover, with Laser Marking - STOP, Contact - 1 'NC' for Emergency Stop"	EWS1C13AC066	862
	Push Button Station with Push Pull Emergency Switch, Red with 1 NC	EWS1C13AC069	765
	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	852
	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	944
	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	1115
	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	1154
	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	1082
	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	1082

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	343
	Enclosure Grey-Black & 2 hole of Ø 22.5	EWS2C01AA	445
	Enclosure Grey-Black & 3 holes of Ø 22.5	EWS3C01AA	545
	Enclosure Grey-Black & 4 holes of Ø 22.5	EWS4C01AA	766
	Enclosure Yellow-Black single hole	EWS1C13AA	343
	Enclosure Yellow-Black & 2 hole of Ø 22.5	EWS2C13AA	445
	Enclosure Yellow-Black & 3 holes of Ø 22.5	EWS3C13AA	545
	Enclosure Yellow-Black & 4 holes of Ø 22.5	EWS4C13AA	766
	Enclosure Yellow-Black & 5 holes of Ø 22.5	EWS5C13AA	884


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	348
	All Grey & 1 hole of Ø 22.5	HF999001	348
	All Grey & 2 holes of Ø 22.5	HF999002	348





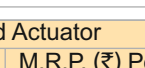
Note: All series actuators and contact block can be used to convert all purpose enclosure box into standard push button station.


Accessories and Spares [8538]


Metal Plates - Spare	Description	Cat. No.	M.R.P.(₹) Per Unit
	Small	HH2420122	23
	Large	HH2420124	23
	Square	HH2420123	23

Note: Printing as per customer requirement

Fixing Device	Cat. No.	M.R.P. (₹) Per Unit
	HH192000	78

Plastic Plate	Cat. No.	M.R.P. (₹) Per Unit
 Yellow legend plate	HB135000	66
 Padlock Yellow (for Mushroom head Actuator)	HF192024	164
 Padlock Transparent (for Flush head Actuator)	HF192025	149
 Protecting Shroud for Emergency Push Button	HF195020A	76
 Protecting Shroud	HF195004	66




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	30
	Red	HH152002	27	HB17301	
	Green	HH153003		HB17401	
	Black	HH154004		NA	
	Yellow	HH155005		HB17501	
	Blue	NA	NA	HB17701	37
	Amber	NA	NA	HB17801	
	Colourless	HH150100	37	HB190003	

Spare Lens Cap	Colour	Cat. No.		M.R.P. (₹) Per Unit
		Non Illuminated	Illuminated	
	Red	HB103002	HB103103	22
	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'	19
	HB192000	Black	19
	HB326000	Brass	64
Adaptor Ring * (For 30 to 22 mm in Panel Cutout conversion) 	HH180000	Gray	28
	HH182004	Black	
	HH196006	Chrome Plated 'ABS'	
Blanking Plugs 	HH180002	Gray	54
	HH182009	Black	
	HH196010	Chrome Plated 'ABS'	
Center Indication Strip (For Twin Touch Actuator) 	HB102058	Black	54
	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	30		First Row Clip	HC922002	30
	Side Row Clip (For Horizontal Cascading)	HC929002				Single Leg Clip	

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

Disclaimer for Modular Remote Control Unit

Every effort as to the correctness or sufficiency of the information and data contained in the catalogue is made. We however cannot accept any liability for the accuracy or completeness of the information and data provided. No claims in this regard shall consequently be accepted.

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



General Terms

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

Prices are subject to revision without notice.

Warranty Policy

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.

Should the product prove to be defective due to faulty workmanship or otherwise, we will remedy the defect or replace the faulty parts or the whole product at our discretion, as soon as possible, free of cost.

The warranty is however subject to the provision of proper usage, efficient maintenance and does not cover defects arising out of fire, accident, inefficient maintenance, faulty operation and willful or accidental damage. It also does not cover damage to power electronic components like thyristors & IGBTs, which fail predominantly due to over-temperature & over-voltage. The user needs to take adequate precautions to eliminate these conditions. The manufacturer shall not be liable for any consequential loss, injury or damages attributable to defect or failure of its products.

Comprehensive Service Support

L&T Electrical & Automation (E&A) has over five decades of experience in providing after sales service for low voltage distribution system in every type of industry & commercial complex in India

E&A offers the following services, partnering you in your maintenance of low voltage distribution products:

- Regular Maintenance
- Preventive Maintenance Programme
- On Call
- Annual Maintenance Contract
- Product Support for Managing Obsolescence-
Retrofitting & Upgradation of your switchgear products

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Aimed at maximizing productivity, conserving energy, minimizing costs and enhancing safety, our Electrical & Automation training programmes have benefitted over 1.77 Lakh professionals in the last 30 years. These training programmes are highly beneficial as they provide right exposure and impart knowledge on selection, installation, maintenance and testing of Electrical & Automation Products.

So gain the advantage and go the extra mile with:

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- Training Centers in Pune, Lucknow, Coonoor, Vadodara, Delhi & Kolkata
- Blend of theory and practical experience

The typical training programmes cover:

- Low Voltage & Medium Voltage Switchgear
- Switchboard Electrical Design
- AC Drives & Building Management Solutions
- Protective Relays & Earthing
- Power Quality Solutions

Please contact any of the training centres for participation and detailed training programme schedule.



Pune
L&T Electrical & Automation
Switchgear Training Centre
T-156 / 157, MIDC,
Bhosari, Pune - 411 026
Tel: 020 2712 0037 / 2712 0653
E-mail: stc-pune@Lntebg.com



Lucknow
L&T Electrical & Automation
Switchgear Training Centre
C-6 & 7, UPSIDC,
P. O. Sarojinagar,
Lucknow - 226 008
Tel: 0522 247 6015 / 97944 54455
E-mail: stc-lucknow@Lntebg.com



Delhi
L&T Electrical & Automation
Switchgear Training Centre
A-25, Imperia Complex, First Floor
Mohan Cooperative Industrial Estate
Near Sarita Vihar / Mohan Estate Metro Station
Main Mathura Road, New Delhi - 110044
Tel: 9899020306, 9720186726, 9560845094
E-mail: stc-delhi@Lntebg.com



Coonoor
L&T Electrical & Automation
Switchgear Training Centre
Ooty-Coonoor Main Road
Yellanahalli P.O.,
The Nilgiris - 643 243
Tel: 0423 251 7107
E-mail: stc-coonoor@Lntebg.com



Vadodara
L&T Electrical & Automation
Switchgear Training Centre
Behind L&T Knowledge City,
Near Village Ankhola,
Vadodara - 390019
Tel: 0265 6147805 / 6147808
E-mail: stc-vadodara@Lntebg.com



Kolkata
L&T Electrical & Automation,
Switchgear Training Centre,
2nd Floor, Block BN3, Sector V,
Salt Lake City,
Kolkata - 700091, West Bengal
Contact No. : 9051580700 / 9874448612
E-mail: stc-kolkata@Lntebg.com

Please Scan QR code for
our Training Calendar



Electrical Standard Products (ESP) Offices:

HEAD OFFICE

L&T Electrical & Automation
TC-II, Tower B, Prima Bay,
Gate No. 5, Saki Vihar Road, Powai,
MUMBAI - 400072
Tel: 022-67052874 / 2737 / 1156
e-mail: cic@Lntebg.com

BRANCH OFFICES

L&T Electrical & Automation
C-201, The First Commercial Complex,
B/S Keshavbaug Party Plot, Vastrapur,
Ahmedabad - 380015
Toll Free: 1800 233 5858 / 1800 200 5858
e-mail: CIC@Lntebg.com

L&T Electrical & Automation
Wework Central, #36 Infantry Road,
Bengaluru - 560 001
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e-mail: CIC@Lntebg.com

L&T Electrical & Automation
Under O Launchpad, 4th floor,
Unit-434, Esplanade 1, Rasulgurh,
Bhubaneswar - 751010
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L&T Electrical & Automation
4th floor, SCO-54,55,56,
Sector -17A
Chandigarh - 160017
Toll Free: 1800 233 5858 / 1800 200 5858
e-mail: CIC@Lntebg.com

L&T Electrical & Automation
Olympia Technology Park,
10th Floor, CITIUS A Block,
Plot No. 1, Phase 1, Guindy,
Chennai - 600032
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e-mail: CIC@Lntebg.com

L&T Electrical & Automation
Playworkz Coworking Space
43 & 44, 3rd Cross,
Bharathy Colony, Peelamedu,
Coimbatore - 641004
Toll Free: 1800 233 5858 / 1800 200 5858
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L&T Electrical & Automation
3rd Floor, 1&2 Vijay Park,
Main Chakrata Road, Opp. Anandam
Near Ballapur chowk,
Dehradun - 248001
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L&T Electrical & Automation
Ground Floor, B-27, Biplab Rashbihari Basu Sarani,
Sector 2A, Bidhan Nagar,
Durgapur - 713212
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Shri Daneshwari, 1st Floor,
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Near Old Income Tax Office Road,
Vidyanagar,
Hubballi - 580021
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AWFIS space solutions, Prestige Phoenix,
4th floor, 1405, Umanagar, Begumpet,
Hyderabad - 500016
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e-mail: CIC@Lntebg.com

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Indore - 452010
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Jaipur - 302018
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Bistupur, Opposite St. Mary's Church,
Jamshedpur - 831001
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L&T Electrical & Automation
2nd Floor, BN3, Salt Lake, Sector-V,
Kolkata - 700091
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