



Electrical & Automation

POWERING A NON-STOP INDIA



**Maximum Retail Prices
For Industrial Signaling Products**
Effective from 15-08-26

**INDUSTRIAL
SIGNALING
PRODUCTS**

AT LAURITZ KNUDSEN, WE POWER A NON-STOP INDIA.

That's why we listen, we partner, and we innovate - to make technology and energy solutions accessible to every corner of India.

Born of this soil - we understand India's rhythm and resilience.

Therefore, **we create technology that speaks every language of progress.** From farms to factories, we empower every business, regardless of size, sector, or location, to thrive.

Because when technology reaches everyone, India moves forward as one.

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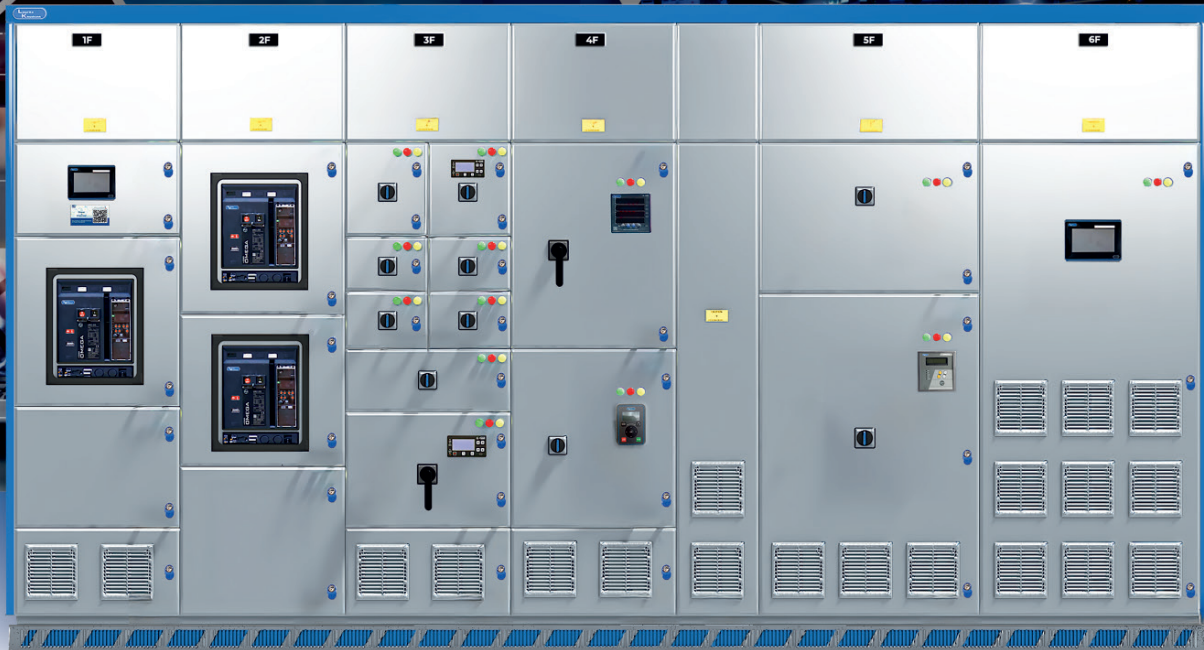
Note :

Colour of HSN code signifies below

[Green colour : HSN code]

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

Complete Your Panel with the widest range of Industrial Signaling Products



**Rotary & Load
Break Switches**



**Modular Remote
Control Units**



**Timing Devices &
Supply Monitors**

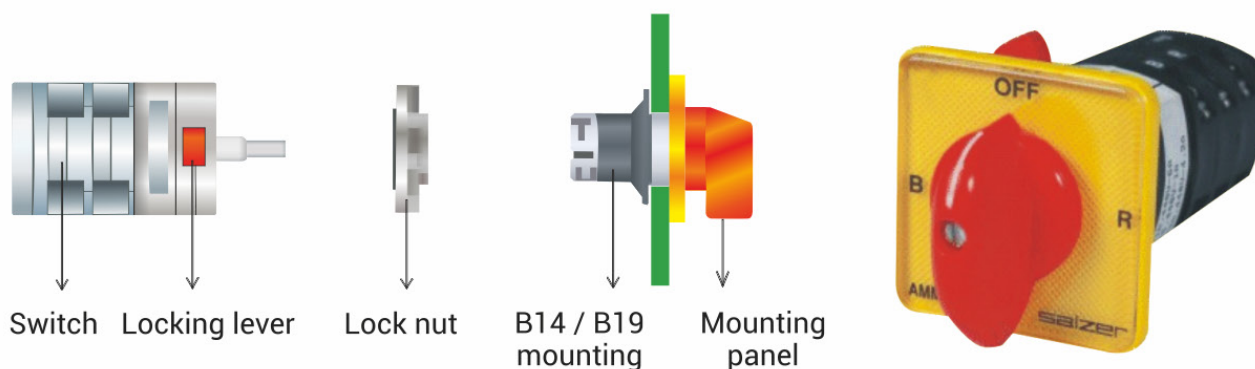


**Digital Panel
Meters**



Increase installation efficiency with our 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 cut out to mount the switches on the panel

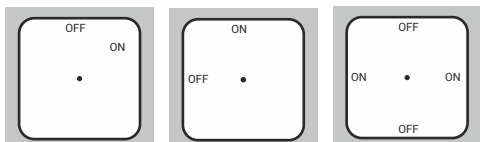


- › Available from 6A-32A with B14 / B19 mounting
- › Easy mounting - Reduces assembly time
- › Wiring accessibility : Switch can be wired separately and then snap fitted to the mounting assembly using locking lever
- › Single hole cutout - It requires a single cutout to mount on the panel

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]

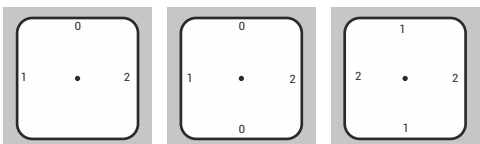


**Isolators Switches
(ON-OFF Switches)**



60° Operation	90° Operation	90° Operation Complete Rotation	Description	M.R.P. (₹) Per Unit								
Cat. No.: Program Code (First 5 digits), Next 5 digits in () # → ↓				6A (SAB13)	10A (SBB13)	16A (SCB03)	25A (SEB03)	32A (SFB03)	40A (SGB03)	63A (SIB03)	100A (SKB03)	200A (SNB03)
61001	61191	61195	1 Pole ON - OFF	210	335	475	530	665	905	1055	4985	6445
61002	61192	61198	2 Pole ON - OFF	270	380	545	650	770	1085	1350	6240	8405
61003\$	-	-	3 Pole ON - OFF	285	460	985	1235	1375	1825	2615	8455	11010
-	61199	61197		285	460	635	860	960	1265	1815	7690	10490
61004	61194	61196	4 Pole ON - OFF	360	510	690	1035	1115	1435	2165	8895	12475

Note : Offered upto 12 Pole
\$ Motor Duty Switch (AC-3 Duty)

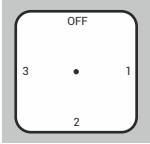


**Changeover Switches
(Local - Remote, Auto - Manual Switches)**



With Center OFF (60°)	With OFF (90°)	Without OFF (90°) with Complete Rotation	Description	M.R.P. (₹) Per Unit								
Cat. No.: Program Code (First 5 digits), Next 5 digits in () # → ↓				6A (SAB13)	10A (SBB13)	16A (SCB03)	25A (SEB03)	32A (SFB03)	40A (SGB03)	63A (SIB03)	100A (SKB03)	200A (SNB03)
61025	61151	61037	1 P 2W	270	425	605	665	745	1055	1430	6445	9325
61026	61152	61038	2 P 2W	360	505	690	895	1035	1440	2165	9430	14210
61027	61153	61039	3 P 2W	435	625	915	1350	1465	1815	2905	12220	18180
61028	61154	61040	4 P 2W	540	730	1060	1780	1870	2195	3650	15435	22700

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	555	685	1005	1130

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	4690	4945	7295	7480

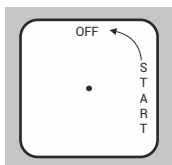
Note : Prices are available on request for higher than 4 Pole ON-OFF version.
Please contact nearest E&A branch office for prices.
For complete ordering code, Kindly refer Page No.10



Secure Every Operation

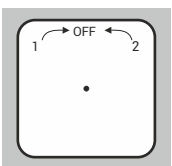
IP-20 Finger-Safe Rotary Switches

ON - OFF Spring Return Switches



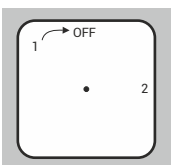
Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () # → ↓	M.R.P. (₹) Per Unit
		16A (SCB03)
1 P ON - OFF	61351	1030
2 P ON - OFF	61352	1080
3 P ON - OFF	61353	1230
4 P ON - OFF	61354	1440

Double Throw with Spring Return Switches



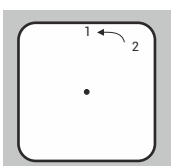
Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () # → ↓	M.R.P. (₹) Per Unit
		16A (SCB03)
1 P 2W W/OFF Spring Return	61361	1080
2 P 2W W/OFF Spring Return	61362	1600
3 P 2W W/OFF Spring Return	61363	1740

One Side Spring Return Switches



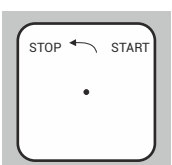
Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () # → ↓	M.R.P. (₹) Per Unit
		16A (SCB03)
1 P 3W Spring Return - OFF from 1	61364	985
2 P 3W Spring Return - OFF from 1	61365	1440
3 P 3W Spring Return - OFF from 1	61369	1585

Spring Return Switches without OFF



Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () # → ↓	M.R.P. (₹) Per Unit
		16A (SCB03)
1 P 2W Spring Return - from 2 to 1	61371	985
2 P 2W Spring Return - from 2 to 1	61372	1440
3 P 2W Spring Return - from 2 to 1	61373	1585

Start Stop Spring Return Switches

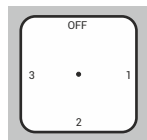


Description	Cat. No.: Program Code (First 5 digits), Next 5 digits in () # → ↓	M.R.P. (₹) Per Unit
		16A (SCB03)
1 P Start Stop Spring Return	61300	1230
2 P Start Stop Spring Return	61388	1440

Note: Prices for 25A rating are available on request.
For complete ordering code, kindly refer Page No. 10

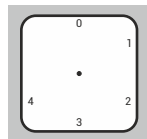


Multi Step Switches with OFF



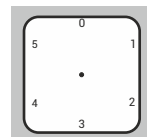
3 Way

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	315	480	630	PS Series Switches (Refer page no. 2)				6550	9950
2 P 3W	61080	435	555	765	1070	1145	1755	1975	9630	15215
3 P 3W	61100	630	745	1305	1585	1730	2345	3050	12575	19980
4 P 3W	61131	805	970	1585	1980	2170	3135	3670	15885	25055



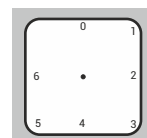
4 Way

1 P 4W	61061	370	435	915	1125	1240	1495	2035	9215	***
2 P 4W	61081	630	800	1080	1175	1375	2145	2380	15435	***
3 P 4W	61101	870	1020	1710	1980	2275	2735	3670	23260	30045
4 P 4W	61132	1055	1495	2185	2375	2535	3550	4225	32645	48970



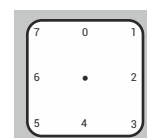
5 Way

1 P 5W	61062	405	560	970	1400	1415	1540	2190	***	18700
2 P 5W	61082	730	1055	1405	1910	2245	2440	3055	***	***
3 P 5W	61102	970	1925	2440	2705	2985	3525	4140	30970	***



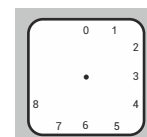
6 Way

1 P 6W	61063	530	700	1020	1410	1440	1590	2430	***	***
2 P 6W	61083	870	***	1495	2220	2575	***	5120	***	***
3 P 6W	61103	1215	***	2805	3185	3435	***	***	***	***



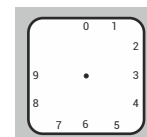
7 Way

1 P 7W	61064	540	790	1100	1415	1495	1650	2550	***	***
2 P 7W	61084	910	***	1460	2230	2375	3495	4040	***	***
3 P 7W	61104	1265	***	2365	2935	***	4760	5610	***	***



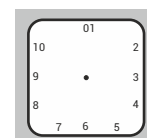
8 Way

1 P 8W	61065	615	860	1090	1945	2180	2600	4210	***	***
2 P 8W	61085	995	***	1995	***	***	***	***	***	***



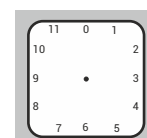
9 Way

1 P 9W	61066	630	***	***	***	***	***	***	***	***
2 P 9W	61086	1130	***	2930	***	***	***	***	***	***



10 Way

1 P 10W	61067	730	1045	1535	3330	***	***	***	***	***
2 P 10W	61087	1170	***	***	***	***	***	***	***	***



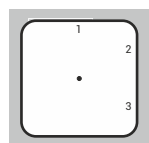
11 Way

1 P 11W	61068	870	***	1395	3640	***	***	***	***	***
2 P 11W	61088	1325	***	***	***	***	***	***	***	***

***Prices are available on request.

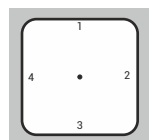
Program Code first 5 digits, Next 5 digits in (), For complete ordering code, kindly refer Page No.10

Multi Step Switches without OFF



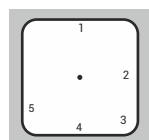
3 Way

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 W/O OFF	61049	295	460	645	820	860	1400	1585	***	10100
2 P 3W W/O OFF	61069	435	695	900	1085	1630	1755	2065	9630	18180
3 P 3W W/O OFF	61089	630	860	1345	1585	1730	2345	3050	12575	20170
4 P 3W W/O OFF	61120	805	970	1565	2020	2145	4990	5515	***	26145



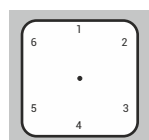
4 Way

1 P 4W W/O OFF	61050	330	500	770	990	1035	1530	2120	6550	10320
2 P 4W W/O OFF	61070	490	755	915	1165	1290	1830	2380	10120	16345
3 P 4W W/O OFF	61090	675	800	1460	1870	2070	2390	3205	13330	22035
4 P 4W W/O OFF	61121	935	1050	1700	2260	2405	3205	4270	16380	27890



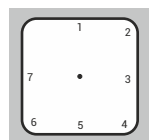
5 Way

1 P 5W W/O OFF	61051	405	515	845	1115	1375	***	2190	8410	***
2 P 5W W/O OFF	61071	730	940	1170	1785	2245	***	***	***	20710
3 P 5W W/O OFF	61091	970	1925	2230	2450	2685	3015	4260	***	26335



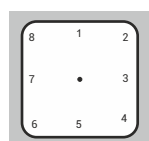
6 Way

1 P 6W W/O OFF	61052	425	845	930	1240	1415	1765	2235	9630	18860
2 P 6W W/O OFF	61072	855	990	1410	2215	2280	2440	3120	19190	24675
3 P 6W W/O OFF	61092	1035	1805	2395	2645	2745	3190	4260	32645	51605



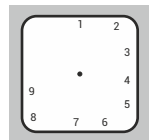
7 Way

1 P 7W W/O OFF	61053	530	790	1025	1470	***	***	***	16970	***
2 P 7W W/O OFF	61073	910	***	1585	2260	***	***	4755	***	***
3 P 7W W/O OFF	61093	1265	***	2620	3430	***	***	5730	***	***



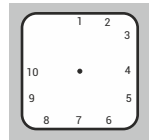
8 Way

1 P 8W W/O OFF	61054	540	930	1185	1495	1570	1835	2695	16125	***
2 P 8W W/O OFF	61074	965	1480	1995	2360	2555	***	5215	***	***
3 P 8W W/O OFF	61094	1350	***	2850	3075	3145	3810	6020	***	***



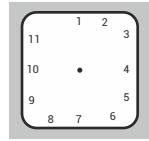
9 Way

1 P 9W W/O OFF	61055	630	***	1395	***	***	***	***	***	***
2 P 9W W/O OFF	61075	1065	***	1980	***	***	***	***	***	***



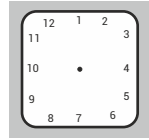
10 Way

1 P 10W W/O OFF	61056	680	995	1485	***	***	***	***	***	***
2 P 10W W/O OFF	61076	1185	***	***	***	***	***	***	***	***



11 Way

1 P 11W W/O OFF	61057	1255	***	***	***	***	***	***	***	***
2 P 11W W/O OFF	61077	1425	***	***	***	***	***	***	***	***



12 Way

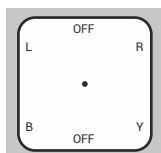
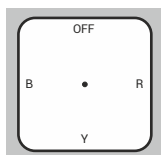
1 P 12W W/O OFF	61058	1320	***	1565	3765	4005	***	5340	***	***
2 P 12W W/O OFF	61078	1550	***	4670	***	***	***	***	***	***

***Prices are available on request.

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

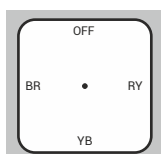


Ammeter Selector Switches (ASS)

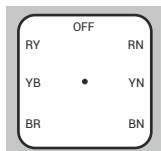


Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Line Currents with OFF with CT	61325 SAB13TDYR	6A	435
Line Currents with OFF with CT	61325 SBB13TDYR	10A	450
Line Currents with OFF with CT	61325 SCB03TDYR	16A	685
Line Currents with OFF without CT	71000 SCB03TDYR	16A	2115
Direct Currents with OFF without CT	71000 SEB03TDYR	25A	2515
Direct Currents with OFF without CT	71000 SFB03TDYR	32A	3015
Direct Currents with OFF without CT	71000 SGB03TDYR	40A	5320
Direct Currents with OFF without CT	71000 SIB03TDYR	63A	5610

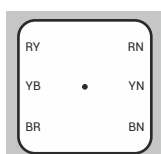
Voltmeter Selector Switches (VSS)



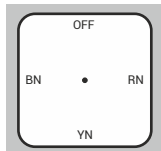
Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases with OFF	61312 SAB13TDYR	6A	320
Voltage between Phases with OFF	61312 SBB13TDYR	10A	415
Voltage between Phases with OFF	61312 SCB03TDYR	16A	610



Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases & Individual Phases to Neutral with OFF	61313 SAB13TDYR	6A	570
Voltage between Phases & Individual Phases to Neutral with OFF	61313 SBB13TDYR	10A	800
Voltage between Phases & Individual Phases to Neutral with OFF	61313 SCB03TDYR	16A	1150

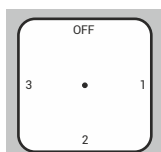


Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phase & Phase to Neutral without OFF	61314 SBB13TDYR	10A	800



Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phase & Phase to Neutral without OFF	61311 SAB13TDYR	6A	535

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	845



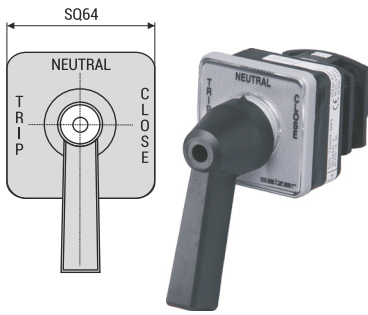
**Control your breaker remotely
through TNC Switch**

Breaker Control Switches (Trip-Neutral-Close)

- › 1NO+1NO, 2NO+2NC model available in 25A
- › Barrel lock option available
- › Spring return from both side to center
- › Lost motion contact (LMD)& Sequence Locking available



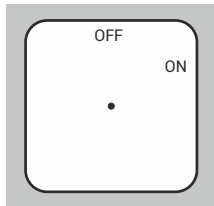
Breaker Control Switches (Trip - Neutral - Close)



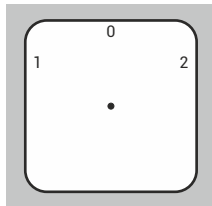
Rating	Contact Arrangement	Mounting Type	Cat. No.	M.R.P. (₹) Per Unit
25A	1Trip + 1Close	Standard	73257SEB03PGBB	1595
25A	1Trip + 1Close	Standard	73257SEB03PGYR	1595
25A	1Trip + 1Close	Standard	73257SEB03PGGB	1595
25A	1Trip + 1Close	Barrel Lock	73257SEB90PGBB	2315
25A	2Trip + 2Close	Standard	72009SEB03PGBB	1870
25A	2Trip + 2Close	Standard	72009SEB03PGYR	1870
25A	2Trip + 2Close	Standard	72009SEB03PGGB	1870
25A	2Trip + 2Close	Barrel Lock	72009SEB90PGBB	2880

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

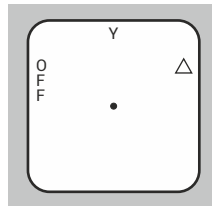
Motor Duty Switches



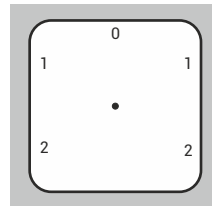
61003



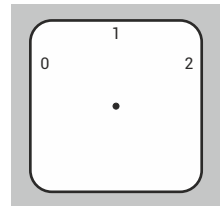
61211



61200



61217



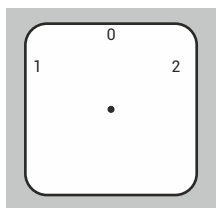
61212

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	985	1235	1375	1825	2615	8455	11010
FOR - OFF - REV Switch	61211	740	915	1085	3005	3670	8420	13580
Star - Delta Switch	61200	985	1300	1625	2645	3380	***	***
2 Speed for FOR - OFF - REV Switch	61217	***	2355 [^]	***	4175	***	***	***
2 Speed forward Switch	61212	1080	2140	2680	3565	4375	10535	12165

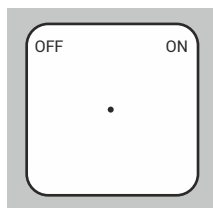
[^] Supplied only with ball grip handle

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

Switches in Enclosure



73393, 71913

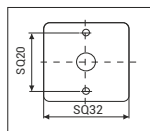


72244



Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
FOR - OFF - Rev in SS with ball grip handle	73393SCM17BGXB	16A	1065
FOR - OFF - Rev in SS with ball grip handle	71913SEM17BGYR	25A	1620
FOR - OFF - Rev in SS with ball grip handle	71913SFM17BGYR	32A	2230
3 Pole ON - OFF in SS	72244SEM17TDYR	25A	1405
3 Pole ON - OFF in SS	72244SFM17TDYR	32A	1925
3 Pole 2Way Without OFF in SS	61153SCM17TDYR	16A	1515

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



Front Plate Assembly

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Front Plate for 6 to 16A	FP16SQ48	48 x 48	60
Front Plate for 25 & 32A	FP32SQ64	64 x 64	130
Front Plate for 40 to 200A	FP200SQ88	88 x 88	185



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	35
Flag Handle for 25 - 32A	KNFHS3	64 x 64, 64 x 80	60
Ball Handle for 16 - 32A	HNBHS1	64 x 64, 64 x 80	170
Ball Handle for 40 - 63A	HNBHS2	88 x 88, 104 x 104	185
PG Handle for 16 - 32A	HNPGS1	64 x 64, 64 x 80	205
Lever Handle for 40 - 200A	HNLVS1	88 x 88, 104 x 104	270
Tear Drop for 6 - 16A	KNTDS1	48 x 48, 48 x 60	35
Tear Drop for 16 - 32A	KNTDS2	64 x 64, 64 x 80	60
Tear Drop for 40 - 400A	KNTDS3	88 x 88, 104 x 104	135

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	1295
Aluminium Enclosure B17 16A upto 3 Stage / 25A upto 2 Stage	WMBAL	2135
SS Enclosure M17 upto 32A - 4 Stage	WMBSS	800

Note : Switches to be order separately.

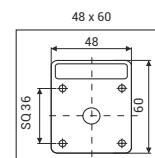


B31 PVC Enclosure

Shrouding Cover (maximum 6 Contacts Round Type)

Description	Cat. No.	M.R.P. (₹) Per Unit
Shrouding Cover for 6 - 10A	SHCS1	135
Shrouding Cover for 16A	SHCS2	135
Shrouding Cover for 25 - 32A	SHCS3	190
Shrouding Cover for 40 - 63A	SHCS4	205
Special Cover for Extended Termination 80 - 400A (maximum 2 Contact Stage)	SHCS5	1550

Special Front Plate Assembly



Description	Cat. No.	Size	M.R.P. (₹) Per Unit
SPL IND Plates upto 16A	FPRT4860	48 x 60	130
SPL IND Plates for 16 - 32A	FPRT6480	64 x 80	205

Script Plate (marking plate)

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Script Plate for 6 - 16A	SPSQ48	48 x 48	35
Script Plate for 16 - 32A	SPSQ64	64 x 64	45
Script Plate for 40 - 200A	SPSQ88	88 x 88	50
Script Plate for 6 - 16A	SPRT4816	48 x 16	10
Script Plate for 6 - 32A	SPRT6416	64 x 16	25

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	25
Rear MTG Plate for 25 - 32A	MPSQ64	64 x 64	45
Rear MTG Plate for 40 - 63A	MPSQ88	88 x 88	115
Rear MTG Plate for 80 - 400A	MPSQ104	104 x 104	205
DIN Rail Attachment upto 32A	B21DIN35		185

Ordering Code for Rotary Switches

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

1. Programme Code

Programme	Programme Code
Isolators	Pg. No. 1
Changeovers Switches	Pg. No. 1
Phase Changeovers Switches	Pg. No. 2
Spring Return Switches	Pg. No. 3
Multistep Switches with OFF	Pg. No. 4
Multistep Switches without OFF	Pg. No. 5
Instrumentation Switches	Pg. No. 6
Motor Control Switches	Pg. No. 8
Switches in SS Enclosure	Pg. No. 8
Breaker Control Switches	Pg. No. 8

2. Type Selection

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





S Series
Open Version

TP Series
Touch Proof

RT Series Touch
Proof & Rear
Termination

3. Ampere Selection

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

4. Mounting Style

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

5. Knob / Handle Selection

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

6. Color Combination Selection Table

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

Front Plate

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

Note : 1. For ratings of 6/10A, standard mounting style is B13

2. Single hole mounting equivalent of B03 is B19 and B13 is B14.

Mounting Feasibility

Mounting Code	Description	Feasibility					
		6/10A	16/20A	25/32A	40/63A	80/100/125A	200/400A
B03	Front Mounting, Standard Mounting plate		✓	✓	✓	✓	✓
B13	Front Mounting with next size plate	✓	✓	✓	✓	✓	✓
B00	Front Mounting 48 x 48 plate for 25/32A 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)Base		✓	✓	✓	✓	✓
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		✓	✓			

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



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	3259	3395	3960	4120	*	*	*
3 Pole C/O Rear Mounting	EBX31153MB42BGYR	3782	3919	4561	4704	8407	10519	13140
3 Pole C/O in SS Enclosure	EBX31153SB31BGYR	4521	4645	5376	5536	*	*	*
3 Pole C/O Rear Mounting	EBX31153B21BGYR	3782	3919	4561	4704	8407	10519	13140
3 Pole C/O Rear Mounting	EBX31153MB34LHGB	3782	3919	4561	4704	8407	10519	13140
3 Pole C/O in Polycarbonate Enclosure	EBX31153B31LBGYR	4521	4645	5376	5536	*	*	*
3 Pole C/O in SS Enclosure	EBX31153SB31XLLHYR	*	*	*	*	11881	13978	16598

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	3782	3919	4645	4780	*	*	*
4 Pole C/O Rear Mounting	EBX31154MB42BGYR	4260	4424	5224	5438	10603	13268	16574
4 Pole C/O in SS Enclosure	EBX31154SB31BGYR	5041	5237	6074	6290	*	*	*
4 Pole C/O Rear Mounting	EBX31154B21BGYR	4260	4424	5224	5438	10603	13268	16574
4 Pole C/O Rear Mounting	EBX31154MB34LHYR	4260	4424	5224	5438	10603	13268	16574
4 Pole C/O in Polycarbonate Enclosure	EBX31154B31LBGYR	5041	5237	6074	6290	*	*	*
4 Pole C/O in SS Enclosure	EBX31154SB31XLLHYR	*	*	*	*	14075	16721	20048

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



B03

MB34

SB31M

LB 3 Pole ON - OFF Switches

Description	Cat. No.	Can also be given on request	M.R.P. (₹) Per Unit								
			16A (C)	20A (D)	25A (E)	32A (F)	40A (G)	63A (I)	80A (J)	100A (K)	125A (L)
Single Hole MTG Switch with Flag Knob	LBX32300B19FPYR		1118	1141	*	*	*	*	*	*	*
Front Plate MTG with Flag Knob	LBX32300B40FPYR		1088	1118	*	*	*	*	*	*	*
Front Panel MTG with B03 (48x48) Plate	LBX32300B03FLYR	32309	994	1019	1103	1141	1313	1407	*	*	*
Front Panel MTG with B13 (64x64) Plate with Flag Knob	LBX32300B13FLYR	32306/32309	994	1019	1103	1141	1313	1407	3557	4464	5606
Front Panel MTG with B13 (64x64) Plate with BG Handle	LBX32300B13BGYR	32309	*	*	1214	1255	1420	1500	*	*	*
DIN Rail MTG Switch with Flag Knob	LBX32300B23FLGB		*	*	1103	1141	1313	1407	*	*	*
Rectangular Pad Lock Switch with TDYR	LBX32300B30TDYR		*	*	1336	1407	1544	1624	*	*	*
Round Pad Lock Switch with RDYR	LBX32309B33RDYR		1088	1117	1214	1255	1420	1500	3858	4814	6017
Switch with B63 Lock & Key Version	LBX32309B63TDYR		*	*	1845	1929	2090	2145	*	*	*
Base MTG Switch with DIL and Pad Lock	LBX32309MB34RDYR		1738	1791	1929	2035	2119	2281	5139	6417	8021
Base MTG Switch with BG Handle	LBX32309MB42BGYR		1738	1791	1929	2035	2119	2281	5139	6417	8021
Switch in Polycarbonate Enclosure - in B31SM	LBX32300B31SMRDYR		2204	2270	2453	2516	*	*	*	*	*
Switch in Polycarbonate Enclosure - in B31M	LBX32309B31MRDYR		*	*	*	*	2751	2820	*	*	*
Switch in Polycarbonate Enclosure - in B31L with Leech Handle	LBX32309B31LLHYR		*	*	*	*	*	*	7239	8530	10123
Switch in SS Enclosure - in SB31L with Leech Handle	LBX32309SB31LLHYR		*	*	*	*	*	*	7239	8530	10123

Note : To make the complete cat number, replace "X" in the above cat.no with the appropriate current rating code.
(Example: For LBX32300B19FPYR with a 16A rating (16A code = C), the complete code becomes LBC32300B19FPYR.)

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		1390	1420	*	*	*	*	*	*	*
Front Plate MTG with Flag Knob	LBX32400B40FPYR		1366	1390	*	*	*	*	*	*	*
Front Panel MTG with B03 (48x48) Plate	LBX32400B03FLYR	32409	1268	1296	1408	1448	1694	1791	*	*	*
Front Panel MTG with B13 (64x64) Plate with Flag Knob	LBX32400B13FLYR	32406/32409	1268	1296	1408	1448	1694	1791	4368	5480	6867
Front Panel MTG with B13 (64x64) Plate with BG Handle	LBX32400B13BGYR	32409	1517	1557	1805	1888	*	*	*	*	*
DIN Rail MTG Switch with Flag Knob	LBX32400B23FLGB		*	*	1408	1448	1694	1791	*	*	*
Rectangular Pad Lock Switch with TDYR	LBX32400B30TDYR		*	*	1637	1706	1925	2010	*	*	*
Round Pad Lock Switch with RDYR	LBX32409B33RDYR		1366	1390	1517	1557	1805	1888	4464	5573	6968
Switch with B63 Lock & Key Version	LBX32409B63TDYR		*	*	2145	2230	2472	2531	*	*	*
Base MTG Switch with DIL and Pad Lock	LBX32409MB34RDYR		2010	2064	2230	2335	2506	2669	5951	7430	9285
Base MTG Switch with BG Handle	LBX32409MB42BGYR		2010	2064	2230	2335	2506	2669	5951	7430	9285
Switch in Polycarbonate Enclosure - in B31SM	LBX32400B31SMRDYR		2472	2546	2751	2818	*	*	*	*	*
Switch in Polycarbonate Enclosure - in B31M	LBX32409B31MRDYR		*	*	*	*	3133	3204	*	*	*
Switch in Polycarbonate Enclosure - in B31L with Leech Handle	LBX32409B31LLHYR		*	*	*	*	*	*	8052	9545	11389
Switch in SS Enclosure - in SB31L with Leech Handle	LBX32409SB31LLHYR		*	*	*	*	*	*	8052	9545	11389
Auxiliary Contact	FM / RM		279	279	345	345	345	345	1019	1019	1019
Add-on Contact Additional Pole	FM / RM		289	299	322	361	420	454	1190	1469	1634

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

Note : To make the complete cat number, replace "X" in the above cat.no with the appropriate current rating code.(Example: For LBX32300B19FPYR with a 16A rating (16A code = C), the complete code becomes LBC32300B19FPYR.)

All Switches are Engineered with Nylon material Housing



Ordering Code for Load Break and Changeover Switches

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

Example

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

LB I 32309 MB34 RD YR

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

Accessories

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

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

Rating Selection Table

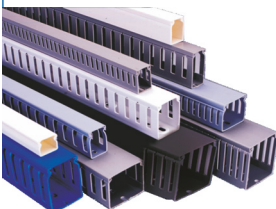
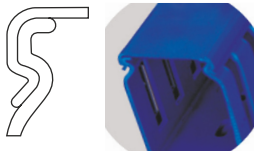
Ampere (A)	Code (□)
16	C
20	D
25	E
32	F
40	G
63	I
80	J
100	K
125	L

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

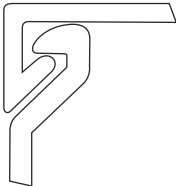
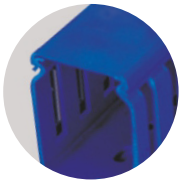
Cable Ducts [8538]

PVC Cable Ducts

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

Type A   Specially designed Profiles of duct and cover for fast and efficient locking. A Type * Snap fit cover * Easy to remove	Description	1 meter				2 meter			
	H x W	Cat. No.(Standard slot Grey)	M.R.P. (₹) Per Unit	Std. Pkg.	Min Order Qty	Cat No.(Standard slot Grey)	M.R.P. (₹) Per Unit	Std. Pkg.	Min Order Qty
	A 15 x 15	WWA1515SG	82	100	100	WWA1515SG2	164	64	64
	A 15 x 25	WWA1525SG	112	100	100	WWA1525SG2	224	64	64
	A 25 x 25	WWA2525SG	134	70	70	WWA2525SG2	268	48	48
	A 30 x 25	WWA3025SG	149	70	70	WWA3025SG2	298	48	48
	A 40 x 30	WWA4030SG	185	75	75	WWA4030SG2	370	32	32
	A 45 x 25	WWA4525SG	190	75	75	WWA4525SG2	380	40	40
	A 45 x 30	WWA4530SG	191	50	50	WWA4530SG2	382	32	32
	A 45 x 45	WWA4545SG	242	50	50	WWA4545SG2	484	18	18
	A 45 x 60	WWA4560SG	291	50	50	WWA4560SG2	582	12	12
	A 60 x 25	WWA6025SG	242	50	50	WWA6025SG2	484	18	18
	A 60 x 45	WWA6045SG	284	50	50	WWA6045SG2	568	18	18
	A 60 x 60	WWA6060SG	336	32	32	WWA6060SG2	672	12	12
	A 60 x 120	WWA60120SG	1142	18	90	WWA60120SG2	2284	8	80
	A 75 x 45	WWA7545SG	352	40	40	WWA7545SG2	704	12	12
	A 75 x 75	WWA7575SG	497	32	32	WWA7575SG2	994	12	12
	A 80 x 80	WWA8080SG	554	25	25	WWA8080SG2	1108	12	12
	A 100 x 100	WWA100100SG	897	18	18	WWA100100SG2	1794	8	40



Type B	Description	1 meter				2 meter			
	W x H	Cat. No. (Standard slot)	M.R.P. (₹) Per Unit	Std. Pkg.	Min Order Qty	Cat. No. (Standard slot)	M.R.P. (₹) Per Unit	Std. Pkg.	Min Order Qty
 Non slip cover design of minimum encumbrance and maximum grip  B Type • Non - slip cover • Positive locking	B 25 x 25	WWB2525SG	145	70	70	WWB2525SG2	290	36	36
	B 25 x 30	WWB2530SG	155	100	100	WWB2530SG2	310	36	36
	B 25 x 40	WWB2540SG	190	75	75	WWB2540SG2	380	36	36
	B 25 x 45	WWB2545SG	196	75	225	WWB2545SG2	392	36	108
	B 25 x 60	WWB2560SG	249	50	50	WWB2560SG2	498	18	18
	B 25 x 80	WWB2580SG	337	50	50	WWB2580SG2	674	18	18
	B 25 x 100	WWB25100SG	427	25	25	WWB25100SG2	854	18	18
	B 30 x 20	WWB3020UG	190	100	200	WWB3020UG2	380	36	180
	B 30 x 80	WWB3080SG	467	50	200	WWB3080SG2	934	18	90
	B 40 x 40	WWB4040SG	249	50	50	WWB4040SG2	498	18	18
	B 45 x 45	WWB4545SG	257	50	50	WWB4545SG2	514	18	18
	B 40 x 60	WWB4060SG	301	50	50	WWB4060SG2	602	18	18
	B 40 x 80	WWB4080SG	356	50	50	WWB4080SG2	712	18	18
	B 40 x 100	WWB40100SG	447	25	25	WWB40100SG2	894	12	12
	B 45 x 20	WWB4520UG	197	75	225	WWB4520UG2	394	36	180
	B 50 x 100	WWB50100SG	513	30	90	WWB50100SG2	1026	12	60
	B 60 x 20	WWB6020UG	269	50	200	WWB6020UG2	538	18	90
	B 60 x 40	WWB6040SG	301	50	50	WWB6040SG2	602	18	90
	B 60 x 60	WWB6060SG	356	50	50	WWB6060SG2	712	12	12
	B 60 x 80	WWB6080SG	463	40	40	WWB6080SG2	926	12	12
	B 60 x 100	WWB60100SG	610	30	30	WWB60100SG2	1220	8	8
	B 72 x 64	WWB7264SG	427	32	96	WWB7264SG2	854	18	90
	B 75 x 75	WWB7575SG	602	32	96	WWB7575SG2	1204	8	40
	B 75 x 100	WWB75100SG	630	25	75	WWB75100SG2	1260	8	40
	B 80 x 40	WWB8040SG	364	50	100	WWB8040SG2	728	12	60
	B 80 x 60	WWB8060SG	482	40	80	WWB8060SG2	964	12	60
	B 80 x 80	WWB8080SG	599	32	32	WWB8080SG2	1198	12	12
	B 80 x 100	WWB80100SG	674	24	24	WWB80100SG2	1348	8	8
	B 100 x 60	WWB10060SG	573	30	30	WWB10060SG2	1146	8	8
	B 100 x 80	WWB10080SG	674	25	25	WWB10080SG2	1348	8	8
	B 100 x 100	WWB100100SG	982	18	18	WWB100100SG2	1964	8	8
	B 120 x 80	WWB12080SG	953	18	90	WWB12080SG2	1906	8	40
	B 150 x 100	WWB150100SG	1225	12	48	WWB150100SG2	2450	4	40
	B 150 x 150	WWB150150SG	2663	8	80	WWB150150SG2	5326	2	40

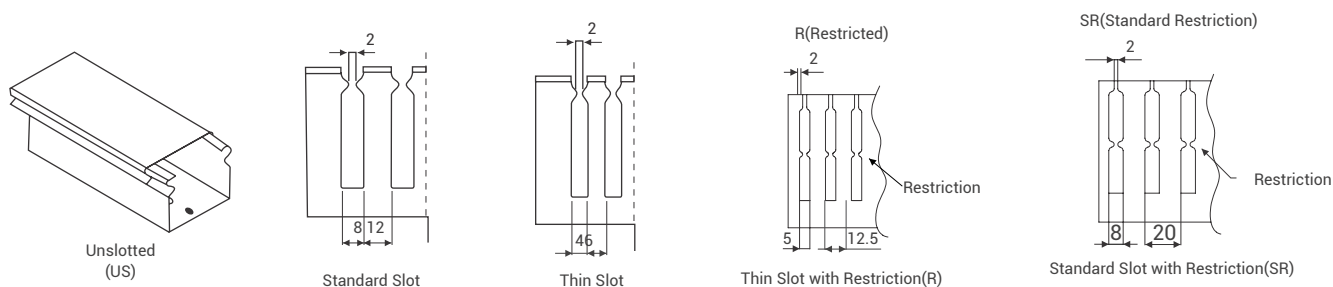
Note : 1) For any special colour request additional 10% will be charged on price. For cut length additional 10% will be charged.
2) Thin / Unslot will be supplied on request. For thin slot replace the cat. number ending with SG by TG,
For un slotted channel replace the cat. number ending with SG by UG. 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	38
	Cover for 25 mm A type	CCA25SG	59
	Cover for 30 mm A type	CCA30SG	71
	Cover for 45 mm A type	CCA45SG	111
	Cover for 60 mm A type	CCA60SG	133
	Cover for 75 mm A type	CCA75SG	169
	Cover for 80 mm A type	CCA80SG	201
	Cover for 100 mm A type	CCA100SG	245
	Cover for 25 mm B type	CCB25SG	61
	Cover for 30 mm B type	CCB30SG	74
	Cover for 40 mm B type	CCB40SG	92
	Cover for 45 mm B type	CCB45SG	113
	Cover for 50 mm B type	CCB50SG	137
	Cover for 60 mm B type	CCB60SG	137
	Cover for 72 mm B type	CCB72SG	173
	Cover for 75 mm B type	CCB75SG	173
	Cover for 80 mm B type	CCB80SG	207
	Cover for 100 mm B type	CCB100SG	252
	Cover for 120 mm B type	CCB120SG	269
	Cover for 150 mm B type	CCB150SG	315

Slotting Styles (A & B Types)



These products are manufactured by

salzer

Disclaimer

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

Control & Protect Your Panels with **Precision & Reliability**



Earth Leakage Relay

Built on Trust. Designed for high performance.

LED Indications for power on, alarm and trip for easy identification

Ease of programming using dial and dip switches

MODBUS RS485 communication port available

Wide trip time setting from 0-10 sec

ULTIMATE DIGITAL VOLTAGE MONITORING RELAY

WITH ADVANCED NEUTRAL LOSS FEATURE



Phase
Loss



Phase
Asymmetry



Phase
Reverse



Neutral
Loss



Over
Voltage



Under
Voltage

SWITCH TO DIGITAL VOLTAGE MONITORING RELAY-SM800

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	120DT4	870
		110 VAC/24 VAC/DC		110DT4	1645
		12 VDC		150DT4	1350
ON Delay & Interval	0.1 sec - 100 hrs	240 VAC/24 VAC/DC	1 C/O	12WDT4	1355
Star Delta Timer	3 sec - 120 sec	240 VAC	1 NO (Star)+1 NO (Delta)	12SDT0	980
	3 sec - 30 sec	240 - 415 VAC	1 C/O (Star)+1 C/O (Delta)	14SDT1S	1735
Signal OFF Delay	0.3 sec - 30 hrs	240 VAC/24 VAC/DC	1 C/O	12RDT4	1275
	0.3 sec - 30 hrs	12 VDC		15DDT4	1385
Multifunction Timer	0.1 sec - 100 hrs	12 - 240 VAC/DC	1 C/O	1CMDT0	2170
			2 C/O	1CMDTF	2315
Asymmetrical ON/OFF & OFF/ON	0.1 sec - 100 hrs	12 - 240 VAC/DC	1 C/O	1CJDT0	2170
				11BDT4	1620
				12BDT4	1620
One Shot	0.3 sec - 30 hrs	110 VAC/24 VAC/DC	1 C/O	15BDT4	1695
		240 VAC/24 VAC/DC			
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	2315

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

On Delay and Star Delta Timer Precision in Every pulse. Reliability in Every Start



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	2035
	Star Delta Timer	3 sec - 120 sec	24 - 240 VAC/DC	1 NO (Star)+1 NO (Delta)	2ASDT0	2125
			240 - 415 VAC		2BSDT0	2515
	Multifunction Timer	0.1s to 120 days	24 - 240 VAC/DC	2 C/O (1 Inst+1 Delayed)	2A8DT6	2280
	Multifunction Multirange	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O	2A5DT5	2255
			240 - 415 VAC		2B5DT5	2715
	Signal Base Multi function Multirange	0.1 sec - 10 hrs	24 - 240 VAC/DC	1 C/O	2ANDT0	2400
	Multifunction Timer 6 Functions	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O (1 Inst+1 Delayed for 6th Mode)	2A6DT6	2415
			240 - 415 VAC		2B6DT6	2460
	True OFF Delay	0.6 sec - 600 sec	24 - 240 VAC/DC	2 C/O	23GDT0	3315
	Asymmetrical ON/OFF	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O	2AADT5	2555

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	Timer	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	2560
			24 - 240 VAC/DC	2 NO	V0DDTD	2560
	18 Functions	0.1 sec - 999 hrs	24 - 240 VAC/DC	1 C/O	V0DDTS1	2895
			24 - 240 VAC/DC	2 NO	V0DDTD1	2895

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 	Functions	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	2670
		Delay time Td: 0.2 to 60 sec	240 VAC		22LDT0	2670

Time Switches [9107]

FM1 / Quartz  150 Hrs Battery Backup	Product Description		Cat. No.	M.R.P. (₹) Per Unit
	FM1 / Quartz Daily	110 VAC - 240 VAC Base/DIN Mounting	J648B1	3470

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	3380
		24 VDC 1 C/O Base/DIN 25 ON/OFF Each	6GHDT0	3995
		12 VDC 1 C/O Base/DIN 25 ON/OFF Each	69HDT0	4205
	Time Switch (Crono Pro)	110 - 240 VAC 2 C/O Base/DIN 50 ON/OFF Each	WT2DCDS	4810
	Time Switch (Pulse) *	110 - 240 VAC 1 C/O Base/DIN 16 Pulse	67DDT9	3980
		24V DC 1 C/O Base /Din 16 Pulse	6GHDT9	4490
		12V DC 1 C/O Base /Din 16 Pulse	69HDT9	4720

* 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	6570
	Astro Pro	110 - 240 VAC 1 Phase - 2W 2 C/O , Base/Din 50 ON/OFF Each	AS2DCDS	8150

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



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
 SM 301  SM 500  SM 500 with Neutral Loss Protection  SM 501 Digital VMR Series  SM 800  SM 600 (MMR)	SM301 (3Ph, 3W)	Single Phasing Preventor (SPP*) Fail Safe	ON Delay 2 sec and OFF Delay 7 sec	65 VAC Asymmetry	415 VAC, 1 C/O	MA51BC	1485
					415 VAC, 2 C/O	MC21B5	2175
				40 VAC Asymmetry	415 VAC, 1 C/O	MA51BK	1485
	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	1710
	SM500 (3 Ph / 1 Ph, 4W)	Selectable Under Voltage + Selectable Over Voltage	Selectable ON Delay (0 to 15 min)	-	240 VAC, 1 C/O	MD71B9	2310
			Selectable ON Delay (0 to 15 sec)	-		MD71BH	2310
			Selectable OFF Delay (0 to 15 sec)	-		MD71BF	2705
		Single Phasing Preventor + Selectable Under Voltage + Selectable Over Voltage	Selectable ON Delay (0 to 15 min) & OFF Delay 5 sec	Phase Asymmetry 10% fixed	240 VAC, 2 C/O	MG73B9	2820
			Selectable ON Delay (0 to 15 sec) & OFF Delay 5 sec	Phase Asymmetry 10% fixed		MG73BH	2820
			Selectable OFF Delay (0 to 15 sec) & ON Delay 5 sec	Phase Asymmetry 10% fixed		MG73BF	2820
		SPP + UV/OV, with fixed UV (173 V) & OV (288 V)	Selectable ON (10 Sec) and OFF Delay (5 Sec)	Phase Asymmetry 20% fixed	415 VAC, 3 Ph 4W, 2 C/O	MG73BR	2820
		SPP + Selectable UV + Selectable OV with Neutral Loss Protection	ON Delay 5 sec and OFF Delay 5 sec, 500ms-1s for Neutral fail	94 VAC Asymmetry		MAC04 D0100	2885
	SM501 (3 Ph, 3W)	SPP + Under Voltage (80% of ϕ)	Selectable ON Delay and OFF Delay 15 sec	Selectable Asymmetry (5% to 17%)	415 VAC, 2 C/O	MB53BM	2870
		Single Phasing Preventor + Selectable Under Voltage + Selectable Over Voltage	Selectable ON Delay 15 sec & OFF Delay 5 sec	Phase Asymmetry 10%		MG53BH	2870
			Selectable OFF Delay 15 sec & ON Delay 5 sec	Phase Asymmetry 10%		MG53BF	2870
			ON Delay 5 sec and OFF Delay 5 sec	65 VAC Asymmetry		MG53BI	2710
			ON Delay 3 min and OFF Delay 5 sec UV 85% of ϕ OV 110% of ϕ	Phase Asymmetry 10%		MG53BO	2710
	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	2745
					145-500 VAC (Line Voltage), 2C/O	DMS120	2975
					85-300 VAC/DC (Auxiliary Supply) (P-N), 2 C/O	DMA220	3210
	SM 600 (3P, 3W)	Phase loss + Phase Sequence + Phase Asymmetry + 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 $\pm 1\%$ of set value	500V -1000V AC 2 C/O	SMB110	13190

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

Voltage Monitoring Relay Series  SM175 3 Ph, 3W	Type	Supply Monitoring Type	Time delay	Asymmetry	Voltage & Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
	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	1775
			ON Delay 500 msec & OFF Delay 100 msec	Phase Asymmetry (30% fixed)		MC21D5	1775
			ON Delay 5 sec & OFF Delay 100 msec (0 to 15s Selectable)	Phase Asymmetry (5% to 15% variable)		MA21DN	2320
		Phase Loss + Phase Sequence + Under Voltage + Over Voltage monitoring (UV: -2% to -20% of 𐄀, OV: 2% to 20% of 𐄀)	ON Delay 5 sec and Selectable OFF Delay (0 to 15 sec)	—		MD21DF	2380
		Phase Loss + Phase Sequence + Under Voltage + Over Voltage (UV: -5% to -25% of 𐄀, OV: 5% to 25% of 𐄀)	Selectable ON Delay (0.5 to 15 sec) and OFF Delay 5 sec	Phase Asymmetry (10% fixed)		MG21DH	2605
			ON Delay 5s and Selectable OFF			MG21DF	2605

Monitoring Voltage. Safe gaurding system.



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	3225
			3 - 9A, 1 C/O	17A122CB0	
			8 - 24A, 1 C/O	17A222CB0	
			15 - 45A, 1 C/O	17A322CB0	
		Definite Time Current Monitoring Relay	2 - 5A 1 C/O	17B422AA0	
			3 - 9A, 1 C/O	17B122AA0	
			8 - 24A, 1 C/O	17B222AA0	
			15 - 45A, 1 C/O	17B322AA0	
		Definite Type / Instant Trip	2 - 5A 1 C/O	17B422PA0	
	1 Phase	Inverse Time Current Monitoring Relay	2 - 5A 1 C/O	17C412EB0	3160
			3 - 9A, 1 C/O	17C112EB0	
			8 - 24A, 1 C/O	17C212EB0	
			15 - 45A, 1 C/O	17C312EB0	
		Definite Time Current Monitoring Relay	2 - 5A 1 C/O	17D412DA0	
			3 - 9A, 1 C/O	17D112DA0	
			8 - 24A, 1 C/O	17D212DA0	
			15 - 45A, 1 C/O	17D312DA0	

PTC Thermistor Relay Series 	Relay Type	Description	Cat. No.	M.R.P. (₹) Per Unit
	Thermistor Relay	110 - 240 VAC, 2 C/O	MJ83BK	3260
		220 - 440 VAC, 2 C/O	MJ93BK	3285
		24 VAC/DC, 2 C/O	MJA3BK	3815
		110 - 240 VAC, 1 C/O	MJ81BK	3015
		220 - 440 VAC, 1 C/O	MJ91BK	3060

Hour Meter & Counter [9029]

Hour Meters 	Product Description	Cat. No.	M.R.P. (₹) Per Unit
	HM36, 85 - 265 VAC Flush Mounting	LA25F1	1245
	HM 36, 10 - 80 VDC Flush Mounting	LD17F1	1885
	HM36, 92 - 264 / 270 - 460 VAC Base - DIN Mounting	30A6B1	1355
	HM36, 10 - 80 VDC Base/DIN Mounting	30D1B1	1885
	Digital Hour Meter/Digital Counter (Resettable)	Z□□FB□	2260
	Hour Meter / Counter Z □ □ FB □ Voltage H 10 - 80 VDC 7 85 - 265 VAC J 12 - 48 VAC/DC 1 Hour Meter 2 Counter Bezel A Round B 24 x 48 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	5745
			110 - 240 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault) with RS 485	17K716QF4M	8260
			240 - 415 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault)	17K726QF4N	5745
			240 - 415 VAC/DC, 1 C/O (Pre-alarm) + 1 C/O (Fault) with RS 485	17K726QF4M	8260
		DIN mounted Earth Leakage Relay	110 - 240 VAC, 110 VDC, Manual reset	17G715GF2	5155
			220 - 415 VAC, 220 VDC, Manual reset	17G745GF2	
			110 - 240 VAC, 110 VDC, Auto reset	17G715KF2	
			220 - 415 VAC, 220 VDC, Auto reset	17G745KF2	
		CBCT (moulded case) for Type A & AC Current	38 mm ID	17H7NNHN3	1770
			57 mm ID	17H7NNIN3	2385
			70 mm ID	17H7NNQN3	2720
			92 mm ID	17H7NNJN3	2970
			120 mm ID	17H7NNLN3	3100
			210 mm ID	17H7NNKN3	5845
		CBCT (moulded case) for Type AC Current	38 mm ID	17H7NNRN3	1325
			57 mm ID	17H7NNVN3	1480
			70 mm ID	17H7NNSN3	1570
			92 mm ID	17H7NNTN3	2105
			120 mm ID	17H7NNUN3	2435
		Rectangular CBCT (moulded case) for Type AC Current	300 x 50 mm ID	17H9NNWN0	11680
			350 x 150 mm ID	17H9NNXN0	14200

- › CBCT for Type AC : For applications with sinusoidal alternating current from 30mA to 30A.
- › 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



Disclaimer for Timing Devices and Supply Monitors

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Elevate Your Panels with **superior illumination** **& aesthetic**



LED Indicators

Built on Trust. Designed for high performance.

LEDs with Inbuilt low voltage glow protection at 25% of rated voltage to avoid false indication due to stray voltages.

LEDs with >180 degree viewing angle for enhanced experience with uniform illumination.

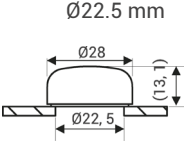
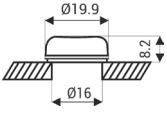
Modular Remote Control Units

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

Gen Next Series

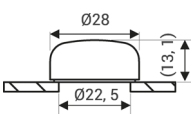
Gen Next Pro LED Indicator [8531]

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

	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	185 318 Blue & White
				415A - 415 VAC	232 392 Blue & White
 	Gen Next Pro LED Indicator 16 mm	SPL□□□□□	R-Red G-Green Y-Yellow A-Amber B-Blue W-White	012C - 12 VAC/DC 024C - 24 VAC/DC 110C - 110 VAC/DC 240A - 240 VAC	216 359 Blue & White

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

Universal LED Indicator [8531]

	Description	Cat. No.	Colour (8 th Digit)	Voltage (9 th , 10 th , 11 th & 12 th Digit)	M.R.P. (₹) Per Unit
 	Gen Next Pro Universal LED indicator	EPL□□□□□	R-Red G-Green Y-Yellow A-Amber B-Blue W-White	224C-24 to 240V AC/DC	551 661 Blue & White

16mm Pro LED Indicators

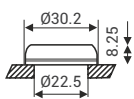
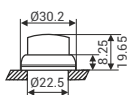
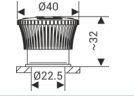
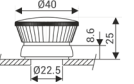
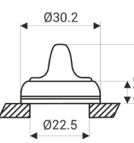
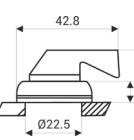
Compact in Design. Superior in Aesthetics.
Perfectly Crafted for Small-Size Panels.



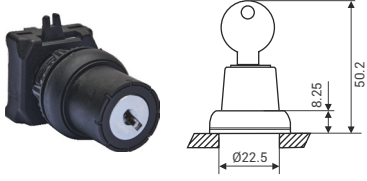
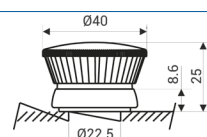
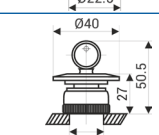
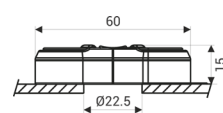
Gen Next Push Button & Selector Actuators Ø 22.5 mm [8538]

› 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	118
 	Projecting Head Push Function	EMN□PD1	R-Red G-Green C-Black Y-Yellow W-White B-Blue A-Amber F-Gray	119
 	Mushroom Head 'Push - Turn' Function'	EMN□MH1	R-Red G-Green C-Black Y-Yellow	231
 	Mushroom Head 'Push - Function'	EMN□MD1	R-Red G-Green C-Black Y-Yellow	168
 	Symmetric Head	2 Position	R-Red G-Green C-Black W-White	327
		 Non Spring Return EP09SK00□0000		
		 Spring Return EP09SI00□0000		
		3 Position		346
		 Non Spring Return EP09SL00□0000		
		 Spring Return EP09SJ00□0000		
		 Spring Return L. H. EP09SM00□0000		
		 Spring Return R. H. EP09SN00□0000		
 	Lever Head	2 Position	R-Red W-White C-Black	327
		 Non Spring Return EMN□LK1		
		 Spring Return EMN□LI1		
		3 Position		346
		 Non Spring Return EMN□LL1		
		 Spring Return EMN□LJ1		
		 Spring Return L. H. EMN□LM1		
		 Spring Return R. H. EMN□LN1		

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

	Description	Cat. No.	Colour (4 th Digit)	M.R.P. (₹) Per Unit
	Lock & Key Rotary Type	2 Position	C-Black	471
		 Non Spring Return EP09KK00□0000		
		 Spring Return EP09KI00□0000		
		3 Position		
		 Non Spring Return EP09KL00□0000		491
		 Spring Return EP09KJ00□0000		
		 Spring Return L. H. EP09KM00□0000		
		 Spring Return R. H. EP09KN00□0000		
 	Push Pull	EG02MG0□	R-Red	452
 	Mushroom Head Lock And Key Actuator	EG02MQ0R00	R-Red	512
 	Twin Touch with Black centre strip	EG02TD0I	-	234



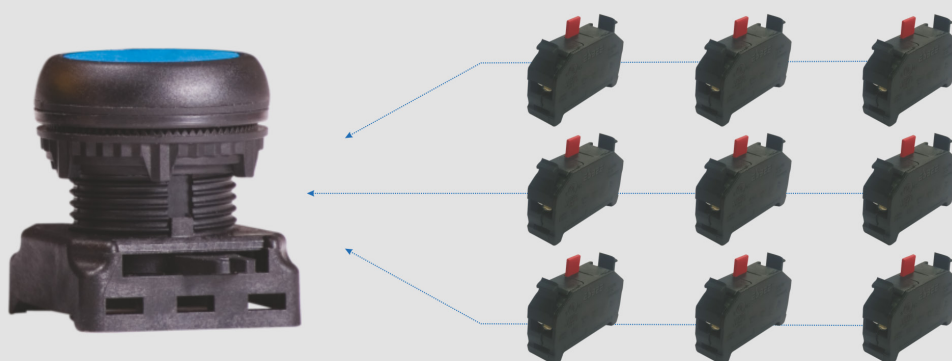
Brass Metal Coller Push Button

- 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
- For PU Coated ABS Collar replace 7th digit 1 by 2 eg. : EMNPD[2]
 - For Brass Metal Collar replace 7th digit 1 by 3 eg. : EMNPD[3] (Please contact nearest branch office for MRP)
 - For PU Coated ABS Collar replace 4th digit 3 by 5 eg. : EG0[5]***
 - For Brass Metal Collar replace 4th digit 3 by 7 eg. : EG0[7]*** (Please contact nearest branch office for MRP)

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

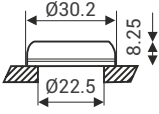
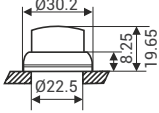
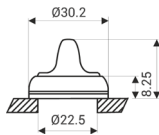
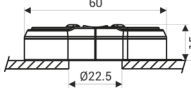
Stack smart control more

Operate nine contact blocks with just **one** push button



Gen Next Illuminated Push Button Actuators [8531]

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

	Description	Cat. No.	Colour (8 th Digit)	Voltage (9 th , 10 th , 11 th & 12 th Digit)	M.R.P. (₹) Per Unit
 	Flush Head	EG03FDL□□□□□	R-Red G-Green Y-Yellow A-Amber	012C - 12 VAC/DC 024C - 24 VAC/DC 030C - 30 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	333
			B-Blue W-White		615 Blue and White
 	Projecting Head (Push Function)	EG03PDL□□□□□	R-Red G-Green Y-Yellow A-Amber	012C - 12 VAC/DC 024C - 24 VAC/DC 030C - 30 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	333
			B-Blue W-White		615 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	486
		 Non Spring Return EG03SKL□□□□□			
		 Spring Return EG03SIL□□□□□			
		3 Position			724 Blue and White
		 Non Spring Return EG03SLL□□□□□			
		 Spring Return EG03SJL□□□□□			
 	Twin Touch with Led Holder	EG03TDL□□□□□	Y- Yellow A- Amber	012C - 12 VAC/DC 024C - 24 VAC/DC 030C - 30 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110A - 110 VAC 110D - 110 VDC 240A - 240 VAC 220D - 220 VDC	417

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.

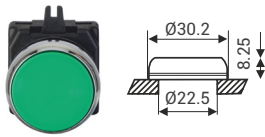
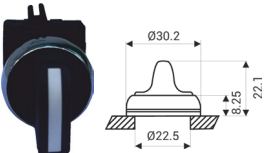
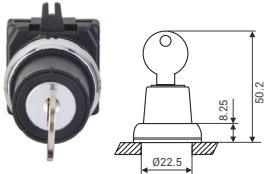
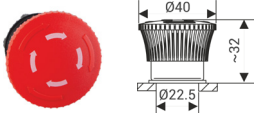
Flush Head Push Button

Sleek, low-profile design enabling effortless operation in modern panel environments



GEN NEXT Metal Push Button & Selector Actuator [8538]

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

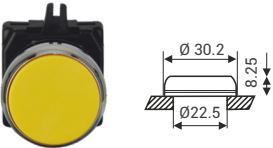
	Description	Cat. No.	Colour	M.R.P. (₹) Per Unit
	Flush head	EM27FD00□00	R-Red G-Green C-Black Y-Yellow W-White B-Blue A-Amber	124
		EM27FD00□00		
		EM27FD00□00		
		EM27FD00□00		
		EM27FD00□00		
		EM27FD00□00		
		EM27FD00□00		
	Symmetric Head	2 Position	C-Black	368
		Non Spring Return EM27SK00□00		
		Spring Return EM27SI00□00		
		3 Position		416
		Non Spring Return EM27SL00□00		
		Spring Return EM27SJ00□00		
		Spring Return L.H. EM27SM00□00		
	Lock & Key	2 Position	C-Black	505
		Non Spring Return EM27KK00□00		
		Spring Return EM27KI00□00		
		3 Position		560
		Non Spring Return EM27KL00□00		
		Spring Return EM27KJ00□00		
		Spring Return L.H. EM27KM00□00		
	Mushroom Head-Push Turn	EM27MH00□00	R-Red	281
		EM27MH00□00	G-Green	
	Mushroom Head-Push Function	EM27MD00□00	R-Red	185

Mushroom Head Push Button

Rapid, reliable emergency response at the push of a button—engineered for moments when every second matters



GEN NEXT Metal Illuminated Push Button Actuator [8531]

	Description	Cat. No.	Colour (8 Digit)	Voltage (9 , 10 , 11 & 12 Digit)	M.R.P. (₹) Per Unit
	Illuminated Flush head	EM28FD0□□□□□	R-Red	012C - 12 V AC/DC	422
			G-Green	024C - 24 V AC/DC	
			Y-Yellow	030C - 30 V AC/DC	
			A-Amber	048C - 48 V AC/DC	
			W-White B-Blue	064C - 64 V AC/DC	871
				110A - 110 V AC	
				110D - 110 V DC	
				240A - 240 V AC	
				220D - 220 V DC	

Gen Next Modular Contact Blocks [8538]

	Description	Cat. No.	Colour	Voltage	M.R.P. (₹) Per Unit
	'NO' Block	EC1C	—	—	93
	'NC' Block	EC2C	—	—	93

Spare for Gen Next Series [8531]

	Description	Cat. No.	Colour	Voltage	M.R.P. (₹) Per Unit
	LED Holder for Gen Next illuminated actuator series	EG08HOL□□□□□	R-Red	012C - 12 VAC/DC	250
			G-Green	024C - 24 VAC/DC	
			Y-Yellow	030C - 30 VAC/DC	
			A-Amber	048C - 48 VAC/DC	
			B-Blue W-White	064C - 64 VAC/DC	498 Blue and White
				110A - 110 VAC	
				110D - 110 VDC	
				240A - 240 VAC	
				220D - 220 VDC	

Note : Contact blocks and LED holder are same for Gen next and Gen next META series

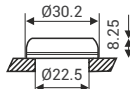
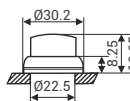
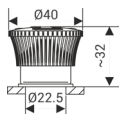
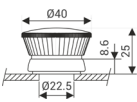
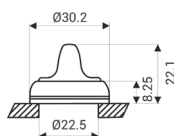
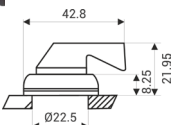
Selector Switch

Engineered for smooth selection and accurate operational command across systems

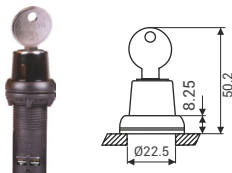


Gen Next integral Actuator [8536]

› 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	183
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC	W-White B-Blue A-Amber C-Black	265
 	Projecting Head Push Function	EE□□PD1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow	183
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC	W-White B-Blue A-Amber C-Black	265
 	Mushroom Head Push - Turn	EE□□MH1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow C-Black	266
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC		362
 	Mushroom Head Push - Function	EE□□MD1	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow C-Black	226
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC		307
 	Symmetric Head Actuator	2 Position	1 - 1 NO 2 - 1 NC	R-Red G-Green W-White C-Black	366
		 Non Spring Return EE□□SK1	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		449
		 Spring Return EE□□SI1			
		3 Position	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)	R-Red G-Green W-White C-Black	462
		 Non Spring Return EE□□SL1			
		 Spring Return EE□□SJ1			
		 Spring Return L. H. EE□□SM1			
 Spring Return R. H. EE□□SN1					
 	Lever Head	2 Position	1 - 1 NO 2 - 1 NC	R-Red G-Green W-White C-Black	366
		 Non Spring Return EE□□LK1	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		449
		 Spring Return EE□□LI1			
		3 Position	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)	R-Red G-Green W-White C-Black	462
		 Non Spring Return EE□□LL1			
		 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	469
		Non Spring Return EE□□KK1	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO		560
		Spring Return EE□□KI1	5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		
		3 Position	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)	C-Black	573
		Non Spring Return EE□□KL1			
		Spring Return EE□□KJ1			
		Spring Return L. H. EE□□KM1			
		Spring Return R. H. EE□□KN1			

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

Panel Mounted Buzzer Ø 22.5 mm [8531]

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

	Description	Electrical Rating	Cat. No. Round Type	M.R.P. (₹) Per Unit
	22.5 mm Panel Mounted Buzzer Black colour	240 VAC	EG15R00C240A	439
		110 VAC	EG15R00C110A	
		64 VAC/DC	EG15R00C064C	
		48 VAC/DC	EG15R00C048C	
		30 VAC/DC	EG15R00C030C	
		24 VAC/DC	EG15R00C024C	
		12 VAC/DC	EG15R00C012C	

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	711
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO'	EP1FAB02	
	Two Position Symmetric Head Selector Switch - Black with Legend - OFF / ON Contact - 1 'NO'	EP1FAF08	934
	Two Position Lock & Key Rotary Switch with Legend - OFF / ON Contact - 1 'NO'	EP1FAF12	1030
	Mushroom Head Actuator 'Push Function' with Legend - STOP Contact - 1 'NC' for Stop	EP1FAC03	754

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	919
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' (Station One)	EP2FAH0201	1030
	Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC'		
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' (Station One)	EP2FAH0205	1140
	Mushroom Head Actuator 'Push Turn Type' with Legend - STOP Contact - 1 'NC' (Station Two)		
	LED Indicator 240 VAC - Red (Station One)	EP3FAUI1X0201	1388
	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	1299
	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	1299
	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	3685
	8 Way push button pendant with hanging provision	EP8F04	3940
	Single Station Enclosure Box without Actuator	EP1FAA*	393
	Two Station Enclosure Box without Actuator	EP2FAA*	418
	Three Station Enclosure Box without Actuator	EP3FAA*	430
	Eight Station Enclosure Box without Actuator	EP8FAA*	718

- 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.

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

Dimension > Single Station : 75 x 75 x 56 mm > Three Station : 160 x 75 x 56 mm
> Two Station : 127 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	858
	Flush Head Actuator - Green with Laser Marking - START Contact - 1 'NO'	EWS1C01AC063	858
	Two Position Symmetric Head Selector Switch - Black with Laser Marking - OFF / ON Contact - 1 'NO'	EWS1C01AF064	1133
	Illuminated Actuator - Green with Laser Marking - ON Contact - 1 'NO' - 240 VAC	EWS1C01AA070	1012
	Two Position Lock & Key Rotary Switch with Laser Marking - OFF / ON Contact - 1 'NO'	EWS1C01AF065	1280
	Mushroom Head Actuator 'Push Function' with Laser Marking - STOP Contact - 1 'NC' for Stop	EWS1C13AC054	912
	Mushroom Head Actuator 'Push Turn type' with Laser Marking - STOP Contact - 1 'NC' for Stop	EWS1C13AC051	1029
	"Mushroom Head Actuator with Lock and Key on Yellow Cover, with Laser Marking - STOP, Contact - 1 'NC' for Emergency Stop"	EWS1C13AC066	1251
	Push Button Station with Push Pull Emergency Switch, Red with 1 NC	EWS1C13AC069	1112
	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	1238
	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	1372
	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	1620
	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	1676
	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	1572
	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	1572

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	501
	Enclosure Grey-Black & 2 hole of Ø 22.5	EWS2C01AA	648
	Enclosure Grey-Black & 3 holes of Ø 22.5	EWS3C01AA	794
	Enclosure Grey-Black & 4 holes of Ø 22.5	EWS4C01AA	1113
	Enclosure Grey-Black & 5 holes of Ø 22.5	EWS5C01AA	1285
	Enclosure Yellow-Black single hole	EWS1C13AA	501
	Enclosure Yellow-Black & 2 hole of Ø 22.5	EWS2C13AA	648
	Enclosure Yellow-Black & 3 holes of Ø 22.5	EWS3C13AA	794
	Enclosure Yellow-Black & 4 holes of Ø 22.5	EWS4C13AA	1113
	Enclosure Yellow-Black & 5 holes of Ø 22.5	EWS5C13AA	1285

All Purpose Enclosures [8538]

Dimension: 110 x 80 x 65 mm

 Note : with plastic screws	Description	Cat. No.	M.R.P. (₹) Per Unit
	All Grey without hole	HF999000	496
	All Grey & 1 hole of Ø 22.5	HF999001	
	All Grey & 2 holes of Ø 22.5	HF999002	

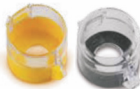
Note : Gen Next Series actuator and contact blocks can be used to convert all purpose enclosure box into push button stations.

Accessories and Spares [8538]

Metal Plates - Spare	Description	Cat. No.	M.R.P. (₹) Per Unit
	Small	HH2420122	36
	Large	HH2420124	
	Square	HH2420123	

Note : Printing as per customer requirement

Fixing Device	Cat. No.	M.R.P. (₹) Per Unit
	HH192000	115

Plastic Plate		Cat. No.	M.R.P. (₹) Per Unit
	Yellow legend plate	HB135000	97
	Padlock Yellow (for Mushroom head Actuator)	HF192024	239
	Padlock Transparent (for Flush head Actuator)	HF192025	216
	Protecting Shroud for Emergency Push Button	HF195020A	111
	Protecting Shroud	HF195004	97

Shroud (Boot) for Actuator	Colour	Gen Next Actuator	
		Cat. No.	M.R.P. (₹) Per Unit
	White	HB17101	45
	Red	HB17301	
	Green	HB17401	
	Black	NA	
	Yellow	HB17501	
	Blue	HB17701	
	Amber	HB17801	
(For IP67 protection of actuators)	Colourless	HB190003	55

Spare Lens Cap	Colour	Cat. No.		M.R.P. (₹) Per Unit
		Non Illuminated	Illuminated	
	White	HB103002	HB103103	35
	Red	HB104000	HB104101	
	Green	HB102006	NA	
	Black	HB105008	HB105109	
	Yellow	HB101004	HB101105	
	Blue	HB107010	HB107111	
	Amber	HB108012	HB108113	
	Colourless	NA	HB100107	

Note : It can be used for Gen Next.

Collar (For Flush/ Projecting Head)		Cat. No.	Colour	M.R.P. (₹) Per Unit
		HB196000	Chrome Plated 'ABS'	29
		HB192000	Black	29
		HB326000	Brass	95
Adaptor Ring * (For 30 to 22 mm in Panel Cutout conversion)		HH180000	Gray	41
		HH182004	Black	
		HH196006	Chrome Plated 'ABS'	
Blanking Plugs		HH180002	Gray	80
		HH182009	Black	
		HH196010	Chrome Plated 'ABS'	
Center Indication Strip (For Twin Touch Actuator)		HB102058	Black	80
		HB105163	Yellow	
		HB108169	Orange	
		HB100161	Colourless	

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

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.

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