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Vadodara - 390 019.
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L&T SWITCHGEAR
SAFE & SURE

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Digital Panel Meters

Single Function Meters

Model VEGA

Features

- Accuracy Class 1.0
- Input voltage measurement range 17-520 VAC (P-P)
- Aux supply 90-300 VAC
- Flush mounting 96 x 96 mm
- Inbuilt selector switch for 3 phase meters
- CT/PT site programmable

Ammeter

Voltmeter

Description	Cat. No.	M.R.P. (₹) Per Unit
Single Phase Basic Meters		
1Ph Voltmeter Class 1	**WDS101FEV00**	**1000**
1Ph Ammeter, Class 1, 5A	**WDS101FCA00**	**1000**
1Ph Ammeter, Class 1, 1A	**WDS101OCA00**	**1000**
1Ph Freq. meter Class 0.2	**WDS121FCF00**	**1000**
Three Phase Basic Meters		
3Ph Voltmeter Class 1	**WDS301FEV00**	**1360**
3Ph Ammeter, 5A, Class 1	**WDS301FCA00**	**1360**
3Ph Ammeter, 1A, Class 1	**WDS301OCA00**	**1360**

LED Multifunction Meters

Model VEGA

Features

- Accuracy Class 1.0, 0.5
- Input voltage measurement range 17-520 VAC (P-P)
- Aux supply 90-300 VAC
- Flush mounting 96 x 96 mm
- Site selectable 1A /5A New
- CT/PT site programmable
- Optional RS485 port

Parameters:

Model A: V, A, F, PF, kW, kVA, kVAR, kWh, kVAh, kVARh, Runhours, On hours, Interrupts, RPM*, % Unbalance (V, A), Phase angle, THD. New

Model B: All parameters of Model A + Neutral current, % Load, Maximum Demand (kW & kVA), MD reset

Model C: All parameters of Model B + Bi-directional (Import-Export)

Description	Cat. No.	M.R.P. (₹) Per Unit
Class 1		
Model A, Class 1, RS485 port	**WDM303FDWA1**	**7500**
Model B, Class 1, RS485 port	**WDM303FDNB1**	**11400**
Model C, Class 1, RS485 port	**WDM303FDNC1**	**16400**
Model A, Class 1 without RS485 port	**WDM303FDWAX**	**6990**
Model B, Class 1 without RS485 port	**WDM303FDNBX**	**10500**
Model C, Class 1 without RS485 port	**WDM303FDNCX**	**15500**
Class 0.5		
Model A, Class 0.5, RS485 port	**WDM313FDWA1**	**9000**
Model B, Class 0.5, RS485 port	**WDM313FDNB1**	**14000**
Model C, Class 0.5, RS485 port	**WDM313FDNC1**	**20000**

* RPM - Rotation per minute

VAF + PF Meters

Model VEGA

Features

- Accuracy Class 1.0
- Input voltage measurement range 17-520 VAC (P-P)
- Aux supply 90-300 VAC
- Flush mounting 96 x 96 mm
- CT/PT site programmable
- Parameters : V, A, F, RPM and PF

VAF + PF Meter

Description	Cat. No.	M.R.P. (₹) Per Unit
VAF + PF Meter		
3Ph VAF + PF, Class 1, 5A	**WDV303FC000**	**2600**
3Ph VAF + PF, Class 1, 1A	**WDV303OC000**	**2600**

* RPM - Rotation per minute

LCD Multifunction Meters

Model NOVA

Features

- Accuracy Class 1.0
- Input voltage measurement range 3 x 240 VAC (-30% to 20%)
- Aux supply 90-300 VAC/DC
- Flush mounting 96 x 96 mm
- CT/PT site programmable
- Optional RS485 port
- Parameters: V, A, F, PF, kW, kWh

NOVA

Description	Cat. No.	M.R.P. (₹) Per Unit
3Ph 4 W 240V 5A with RS485 port	**WM30KFC3CRS**	**4800**
3Ph 4W 240V 5A	**WM30KFC3C00**	**4300**

LCD Multifunction Meter

Model QUASAR

Features

- Accuracy Class 1.0, 0.5
- Flush mounting 96 x 96 mm
- CT/PT site programmable
- Optional RS485 port
- Parameters: V, A, F, PF, kW, kVA, kVAR, kWh, kVAh, kVARh, THD, Phase angles, Power demand.

Description	Cat. No.	M.R.P. (₹) Per Unit
3Ph, 4W IPM 240 V (L-N) 1A Class 1 FM	**WI300FC1300**	**9060**
3Ph, 4W IPM 240 V (L-N) 5A Class 1 FM	**WI300FC5300**	**9060**
3Ph, 3W IPM 110 V (L-L) 1A Class 1 FM	**WI301FC1300**	**9060**
3Ph, 3W IPM 110 V (L-L) 5A Class 1 FM	**WI301FC5300**	**9060**
3Ph, 4W IPM 110 V (L-L) 1A Class 1 FM	**WI300FB1300**	**9060**
3Ph, 4W IPM 110 V (L-L) 5A Class 1 FM	**WI300FB5300**	**9060**
3Ph, 4W IPM 240 V (L-N) 1A Class 1 FM with RS485	**WI300FC13RS**	**10130**
3Ph, 4W IPM 240 V (L-N) 5A Class 1 FM with RS485	**WI300FC53RS**	**10130**
3Ph, 3W IPM 110 V (L-L) 1A Class 1 FM with RS485	**WI301FC13RS**	**10130**
3Ph, 3W IPM 110 V (L-L) 5A Class 1 FM with RS485	**WI301FC53RS**	**10130**
3Ph, 4W IPM 110 V (L-L) 1A Class 1 FM with RS485	**WI300FB13RS**	**10130**
3Ph, 4W IPM 110 V (L-L) 5A Class 1 FM with RS485	**WI300FB53RS**	**10130**

Description	Cat. No.	M.R.P. (₹) Per Unit
3Ph, 4W IPM 240 V (L-N) 1A Class 0.5 FM	**WI300FC1200**	**11190**
3Ph, 4W IPM 240 V (L-N) 5A Class 0.5 FM	**WI300FC5200**	**11190**
3Ph, 3W IPM 110 V (L-L) 1A Class 0.5 FM	**WI301FC1200**	**11190**
3Ph, 3W IPM 110 V (L-L) 5A Class 0.5 FM	**WI301FC5200**	**11190**
3Ph, 4W IPM 110 V (L-L) 1A Class 0.5 FM	**WI300FB1200**	**11190**
3Ph, 4W IPM 110 V (L-L) 5A Class 0.5 FM	**WI300FB5200**	**11190**
3Ph, 4W IPM 240 V (L-N) 1A Class 0.5 FM with RS485	**WI300FC12RS**	**12260**
3Ph, 4W IPM 240 V (L-N) 5A Class 0.5 FM with RS485	**WI300FC52RS**	**12260**
3Ph, 3W IPM 110 V (L-L) 1A Class 0.5 FM with RS485	**WI301FC12RS**	**12260**
3Ph, 3W IPM 110 V (L-L) 5A Class 0.5 FM with RS485	**WI301FC52RS**	**12260**
3Ph, 4W IPM 110 V (L-L) 1A Class 0.5 FM with RS485	**WI300FB12RS**	**12260**
3Ph, 4W IPM 110 V (L-L) 5A Class 0.5 FM with RS485	**WI300FB52RS**	**12260**

Dual Source Meter

Model GEMINI

GEMINI

Features

- Accuracy Class 1.0
- Input voltage measurement range 3 x 240 VAC (-30% to 20%)
- Aux supply 90-300 VAC/DC
- DG sensing input 10-16 VDC/90-300 VAC
- Flush mounting 96 X 96 mm
- CT/PT site programmable
- RS485 port available
- Parameters: V, A, F, kW, kWh – Dual source

Description	Cat. No.	M.R.P. (₹) Per Unit
3Ph 4W 240V 5A with RS485 port	**WM30DFC3CRS**	**4600**

kWh Meter

New

LCD Type

Features

- Accuracy Class 1.0
- Aux supply 90-300 VAC
- Flush mounting 96 x 96 mm
- CT/PT site programmable
- Optional RS485 Port
- Auto scaling of Kilo, Mega and Giga
- Parameter : kWh

Description	Cat. No.	M.R.P. (₹) Per Unit
3Ph 4W , 5A, kWh meter Class 1	**WM30JFC3C00**	**3000**
3Ph 4W , 5A, kWh meter Class 1 with RS485 port	**WM30JFC3CRS**	**3500**

kWh Meter

Model ACRUX – Counter Type

ACRUX

Features

- Accuracy Class 1.0
- Flush mounting 96 x 96 mm
- Parameter : kWh

Description	Cat. No.	M.R.P. (₹) Per Unit
3Ph 4 W 240V 1A	**WM301FC1C10**	**3200**
3Ph 4 W 240V 5A	**WM301FC3C10**	**3200**

DIN Energy Meter

Model Mi-energy

Features

- Accuracy Class 2.0
- RS485 and Wi-Fi modules available
- Displays day, week, month and push to push consumption
- Parameters: V, A, F, PF, kW, kVA, kVAR, kWh, MD

1 Phase

3 Phase

New

RS485 Module

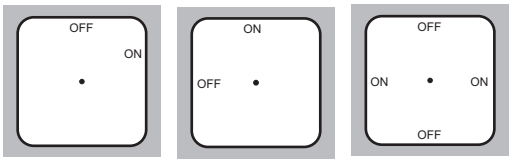
New

Wi-Fi Module

Description	Cat. No.	M.R.P. (₹) Per Unit
1Ph 5-30A, 240V, Class 2	**W2DLD050600**	**2200**
3Ph 10-60A, 240V, Class 2	**W4DLD100600**	**5000**
RS485 module	**W1DLD0000RS**	**2200**
Wi-Fi module	**W1DLD0000WF**	**5000**

Rotary Switches

Cam Operated Rotary Switches

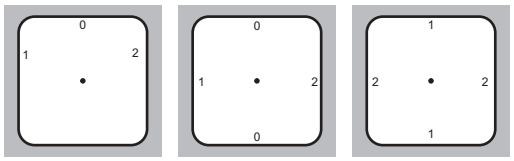


Isolators Switches (ON-OFF Switches)

60° Operation	90° Operation	90° Operation Complete Rotation	Description	M.R.P. (₹) Per Unit								
Cat. No.				6A	10A	16A	25A	32A	40A	63A	100A	200A
61001	**61191**	**61195**	1 Pole ON - OFF	**113**	**219**	**259**	**276**	**345**	**439**	**514**	**2697**	**3482**
61002	**61192**	**61198**	2 Pole ON - OFF	**145**	**250**	**295**	**339**	**400**	**531**	**656**	**3370**	**4536**
61003$	**-**	**-**	3 Pole ON - OFF	**158**	**333**	**530**	**639**	**710**	**889**	**1278**	**4564**	**5949**
-	**61199**	**61197**		**158**	**301**	**345**	**444**	**494**	**619**	**888**	**4149**	**5666**
61004	**61194**	**61196**	4 Pole ON - OFF	**194**	**339**	**369**	**539**	**575**	**700**	**1056**	**4805**	**6738**

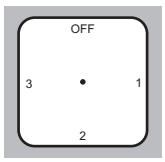
Offered upto 12 Pole

$ Motor Duty Switch (AC-3 Duty)



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

With Center OFF (60°)	With OFF (90°)	Without OFF (90°) with Complete Rotation	Description	M.R.P. (₹) Per Unit								
Cat. No.				6A	10A	16A	25A	32A	40A	63A	100A	200A
61025	**61151**	**61037**	1 P 2W	**145**	**276**	**324**	**345**	**384**	**514**	**694**	**3482**	**5036**
61026	**61152**	**61038**	2 P 2W	**194**	**333**	**369**	**464**	**539**	**705**	**1056**	**5097**	**7673**
61027	**61153**	**61039**	3 P 2W	**239**	**413**	**494**	**700**	**757**	**888**	**1419**	**6601**	**9819**
61028	**61154**	**61040**	4 P 2W	**295**	**482**	**569**	**918**	**968**	**1068**	**1778**	**8336**	**12257**



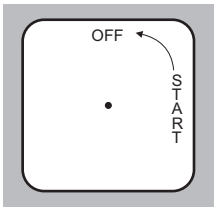
Phase Changeover (PS Series Switches)

Cat. No.	Description	M.R.P. (₹) Per Unit			
		25A	32A	40A	63A
61060	1 P 3W with OFF	**332**	**414**	**604**	**680**

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

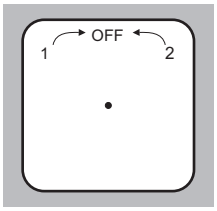
Spring Return Switches

ON - OFF Spring Return Switches



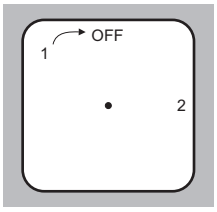
Description	Cat. No.	M.R.P. (₹) Per Unit	
		16A	25A
1 P ON - OFF	**61351**	**557**	**844**
2 P ON - OFF	**61352**	**581**	**955**
3 P ON - OFF	**61353**	**662**	**1143**
4 P ON - OFF	**61354**	**780**	**1248**

Double Throw with Spring Return Switches



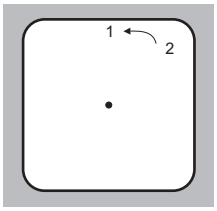
Description	Cat. No.	M.R.P. (₹) Per Unit	
		16A	25A
1 P 2W W/OFF Spring Return	**61361**	**581**	**955**
2 P 2W W/OFF Spring Return	**61362**	**850**	**1248**
3 P 2W W/OFF Spring Return	**61363**	**937**	**1555**

One Side Spring Return Switches



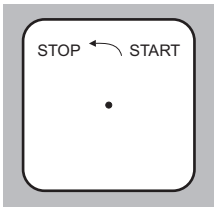
Description	Cat. No.	M.R.P. (₹) Per Unit	
		16A	25A
1 P 3W Spring Return - OFF from 1	**61364**	**531**	**955**
2 P 3W Spring Return - OFF from 1	**61365**	**780**	**1248**
3 P 3W Spring Return - OFF from 1	**61369**	**850**	**1555**

Spring Return Switches without OFF



Description	Cat. No.	M.R.P. (₹) Per Unit	
		16A	25A
1 P 2W Spring Return - from 2 to 1	**61371**	**531**	**955**
2 P 2W Spring Return - from 2 to 1	**61372**	**780**	**1248**
3 P 2W Spring Return - from 2 to 1	**61373**	**850**	**1555**

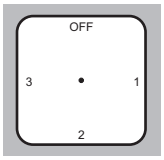
Start Stop Spring Return Switches



Description	Cat. No.	M.R.P. (₹) Per Unit	
		16A	25A
1 P Start Stop Spring Return	**61300**	**662**	**955**
2 P Start Stop Spring Return	**61388**	**780**	**1248**

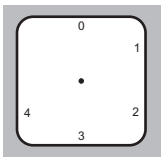
Multi Step Switches

Multi Step Switches with OFF



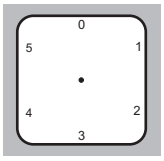
3 Way

Description	Cat. No.	M.R.P. (₹) Per Unit								
		6A	10A	16A	25A	32A	40A	63A	100A	200A
1 P 3W	61060	171	314	339	PS Series Switches (Refer page no. 3)				3539	5373
2 P 3W	61080	239	369	413	550	595	856	963	5203	8217
3 P 3W	61100	345	494	700	820	894	1143	1486	6794	10786
4 P 3W	61131	439	632	850	1024	1124	1529	1785	8584	13525



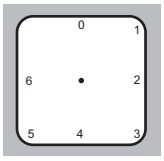
4 Way

1 P 4W	61061	200	283	494	581	645	732	993	***	***
2 P 4W	61081	345	531	581	614	713	***	1162	***	***
3 P 4W	61101	475	***	926	1024	1175	***	1785	12565	16224
4 P 4W	61132	575	993	1175	1230	1312	1735	2059	17629	***



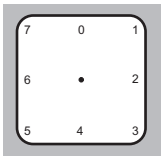
5 Way

1 P 5W	61062	219	450	569	725	737	***	1062	***	***
2 P 5W	61082	400	694	757	987	1162	1193	1492	***	***
3 P 5W	61102	531	1274	1312	1399	***	1723	2018	16725	***



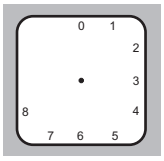
6 Way

1 P 6W	61063	288	***	550	***	750	775	***	***	***
2 P 6W	61083	475	***	801	***	***	***	***	***	***
3 P 6W	61103	662	***	1511	1648	***	***	2078	***	***



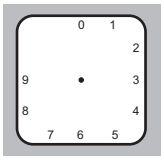
7 Way

1 P 7W	61064	295	520	595	737	770	801	1243	***	***
2 P 7W	61084	499	***	787	1155	***	1230	1973	***	***
3 P 7W	61104	687	***	1274	1517	***	1586	2734	***	***



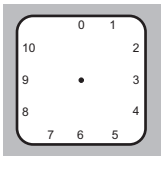
8 Way

1 P 8W	61065	333	***	589	1013	***	1268	***	***	***
2 P 8W	61085	545	***	1074	***	***	***	***	***	***



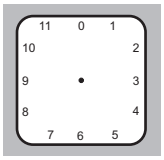
9 Way

1 P 9W	61066	345	***	***	***	***	***	***	***	***
2 P 9W	61086	619	***	1574	***	***	***	***	***	***



10 Way

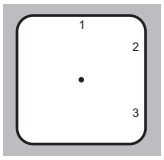
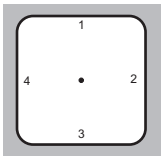
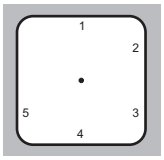
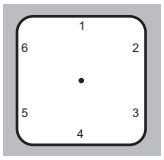
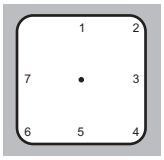
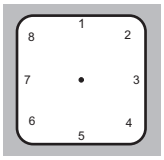
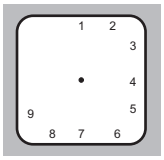
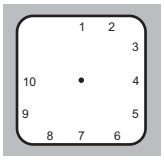
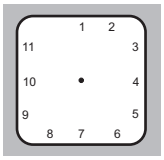
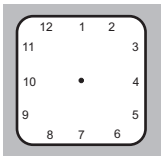
1 P 10W	61067	400	***	820	***	***	***	***	***	***
2 P 10W	61087	638	***	***	***	***	***	***	***	***



11 Way

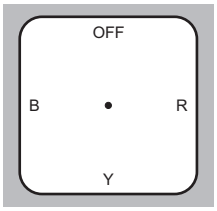
1 P 11W	61068	475	***	750	1884	***	***	***	***	***
2 P 11W	61088	725	***	***	***	***	***	***	***	***

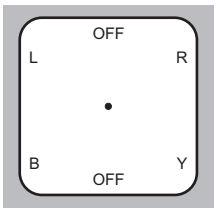
Multi Step Switches without OFF

	Description	Cat. No.	M.R.P. (₹) Per Unit								
			6A	10A	16A	25A	32A	40A	63A	100A	200A
 3 Way	1 P 3W W/O OFF	61049	163	302	347	425	444	682	770	***	***
	2 P 3W W/O OFF	61069	239	457	482	820	***	856	1013	5203	***
	3 P 3W W/O OFF	61089	345	569	725	820	894	***	1486	***	10890
	4 P 3W W/O OFF	61120	439	632	838	1043	1111	2440	2689	***	***
 4 Way	1 P 4W W/O OFF	61050	183	326	420	514	539	745	1037	3539	***
	2 P 4W W/O OFF	61070	269	475	494	607	662	894	1162	5466	8829
	3 P 4W W/O OFF	61090	364	464	787	968	1068	1169	1561	7200	11903
	4 P 4W W/O OFF	61121	508	632	918	1169	1243	1561	2085	8846	15060
 5 Way	1 P 5W W/O OFF	61051	219	342	452	575	***	***	***	***	***
	2 P 5W W/O OFF	61071	400	***	619	***	***	***	***	***	11185
	3 P 5W W/O OFF	61091	531	***	1312	1399	***	1430	2078	***	***
 6 Way	1 P 6W W/O OFF	61052	233	***	564	644	737	862	1088	5203	10182
	2 P 6W W/O OFF	61072	464	***	762	1149	1180	1193	1524	10369	13326
	3 P 6W W/O OFF	61092	564	1193	1312	1343	1387	1555	2078	17629	27871
 7 Way	1 P 7W W/O OFF	61053	288	***	***	762	***	***	***	9171	***
	2 P 7W W/O OFF	61073	499	***	850	1169	***	***	***	***	***
	3 P 7W W/O OFF	61093	687	***	1405	1769	***	***	2797	***	***
 8 Way	1 P 8W W/O OFF	61054	295	619	638	770	812	900	1312	***	***
	2 P 8W W/O OFF	61074	525	***	1074	1169	***	***	***	***	***
	3 P 8W W/O OFF	61094	737	***	1535	1593	1622	1860	2939	***	***
 9 Way	1 P 9W W/O OFF	61055	345	***	1018	***	***	***	***	***	***
	2 P 9W W/O OFF	61075	581	***	968	***	***	***	***	***	***
 10 Way	1 P 10W W/O OFF	61056	369	656	1130	***	***	***	***	***	***
	2 P 10W W/O OFF	61076	645	***	***	***	***	***	***	***	***
 11 Way	1 P 11W W/O OFF	61057	682	***	***	***	***	***	***	***	***
	2 P 11W W/O OFF	61077	780	***	***	***	***	***	***	***	***
 12 Way	1 P 12W W/O OFF	61058	720	***	838	1948	2073	***	***	***	***
	2 P 12W W/O OFF	61078	844	***	***	***	***	***	***	***	***

Instrumentation Selector Switches

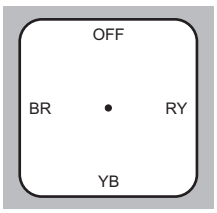
Ammeter Selector Switches (ASS)



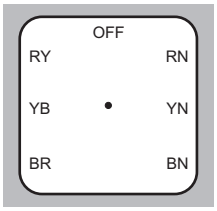


Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Line Currents with OFF with CT	**61325 SAB13TDYR**	6A	**241**
Line Currents with OFF with CT	**61325 SBB13TDYR**	10A	**292**
Line Currents with OFF with CT	**61325 SCB03TDYR**	16A	**365**
Line Currents with OFF without CT	**71000 SCB03TDYR**	16A	**1028**
Direct Currents with OFF without CT	**71000 SEB03TDYR**	25A	**1148**
Direct Currents with OFF without CT	**71000 SFB03TDYR**	32A	**1378**
Direct Currents with OFF without CT	**71000 SGB03TDYR**	40A	**2421**
Direct Currents with OFF without CT	**71000 SIB03TDYR**	63A	**2553**
Current in each phase and leakage of out of balance current with OFF	**71721 SBB13TDYR**	10A	**551**

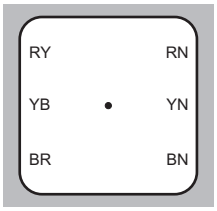
Voltmeter Selector Switches (VSS)



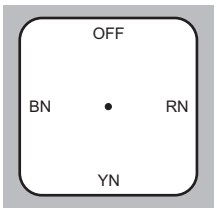
Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases with OFF	**61312 SAB13TDYR**	6A	**174**
Voltage between Phases with OFF	**61312 SBB13TDYR**	10A	**266**
Voltage between Phases with OFF	**61312 SCB03TDYR**	16A	**329**



Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases & Individual Phases to Neutral with OFF	**61313 SAB13TDYR**	6A	**310**
Voltage between Phases & Individual Phases to Neutral with OFF	**61313 SBB13TDYR**	10A	**532**
Voltage between Phases & Individual Phases to Neutral with OFF	**61313 SCB03TDYR**	16A	**618**

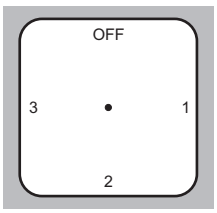


Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phase & Phase to Neutral without OFF	**61314 SBB13TDYR**	10A	**525**



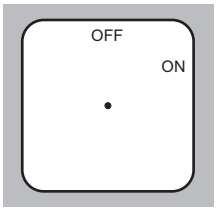
Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases & Phase to Neutral without OFF	**61311 SAB13TDYR**	6A	**310**
Voltage between Phases & Phase to Neutral with OFF	**61311 SBB13TDYR**	10A	**360**

Ammeter & Voltmeter Combined Switch

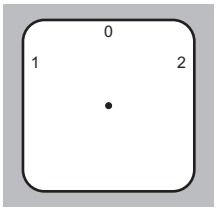


Description	Cat. No.	Amps	M.R.P. (₹) Per Unit
Voltage between Phases to Neutral & Current of that Phase	**61338 SBB13TDYR**	10A	**562**

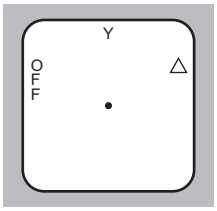
Motor Duty Switches



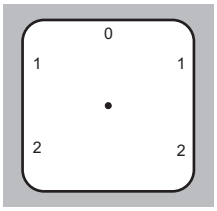
61003



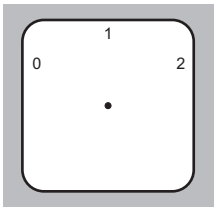
61211



61200



61217

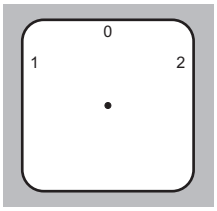


61212

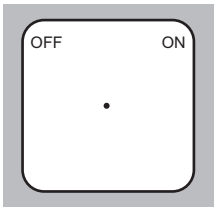
Description	Cat. No.	M.R.P. (₹) Per Unit						
		16A	25A	32A	40A	63A	100A	200A
ON - OFF Switch	**61003**	**530**	**639**	**710**	**889**	**1278**	**4564**	**5949**
FOR - OFF - REV Switch	**61211**	**400**	**475**	**564**	**1468**	**1785**	**4549**	**7332**
Star - Delta Switch	**61200**	**531**	**670**	**844**	**1286**	**1648**	***	***
2 Speed for FOR - OFF - REV Switch	**61217**	***	**1213***	***	**2029**	***	***	***
2 Speed forward Switch	**61212**	**581**	**1106**	**1387**	**1742**	**2135**	**5689**	**6569**

Supplied only with ball grip handle

Switches in Enclosure



73393, 71913

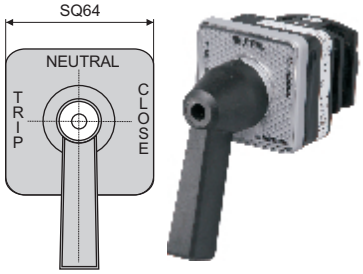


72244

Description	Cat. No.	Amps	M.R.P.
FOR - OFF - Rev in SS with ball grip handle	**73393SCM17BGXB**	16A	**417**
FOR - OFF - Rev in SS with ball grip handle	**71913SEM17BGYR**	25A	**650**
FOR - OFF - Rev in SS with ball grip handle	**71913SFM17BGYR**	32A	**955**
3 Pole ON - OFF in SS	**72244SEM17TDYR**	25A	**564**
3 Pole ON - OFF in SS	**72244SFM17TDYR**	32A	**825**
3 Pole 2Way Without OFF in SS	**61153SCM17TDYR**	16A	**806**

For any other rating requirement please contact nearest L&T branch office

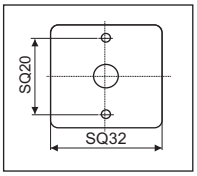
Breaker Control Switches (Trip - Neutral - Close)



Rating	Contact Arrangement	Mounting Type	Cat. No.	M.R.P. (₹) Per Unit
25A	1NO + 1NC	Standard	**73257SEB03PGGB**	**1013**
25A	1NO + 1NC	Standard	**73257SEB03PGYR**	**1013**
25A	1NO + 1NC	Barrel Lock	**73257SEB90PGBB**	**1356**
25A	2NO + 2NC	Standard	**72009SEB03PGBB**	**1193**
25A	2NO + 2NC	Standard	**72009SEB03PGYR**	**1193**
25A	2NO + 2NC	Standard	**72009SEB03PGGB**	**1193**
25A	2NO + 2NC	Barrel Lock	**72009SEB90PGBB**	**1645**

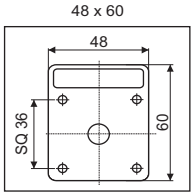
Other option such as sequence inter lock (SIL) & lost motion device (LMD) available on request.

Rotary Switch Accessories



Front Plate Assembly

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Front Plate for 6 & 10A	**FP10SQ32**	32 x 32	**24**
Front Plate for 6 to 16A	**FP16SQ48**	48 x 48	**24**
Front Plate for 25 & 32A	**FP32SQ64**	64 x 64	**43**
Front Plate for 40 to 200A	**FP200SQ88**	88 x 88	**68**



Special Front Plate Assembly

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
SPL IND Plates upto 16A	**FPRT4860**	48 x 60	**43**
SPL IND Plates for 16 - 32A	**FPRT6480**	64 x 80	**73**

Flag Knob

Ball Grip

Lever Handle

Handles

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Flag Handle for 6 - 10A	**KNFHS1**	32 x 32	**7**
Flag Handle for 16A	**KNFHS2**	48 x 48, 48 x 60	**14**
Flag Handle for 25 - 32A	**KNFHS3**	64 x 64, 64 x 80	**24**
Ball Handle for 16 - 32A	**HNBHS1**	64 x 64, 64 x 80	**68**
Ball Handle for 40 - 200A	**HNBHS2**	88 x 88, 104 x 104	**68**
PG Handle for 16 - 32A	**HNPGS1**	64 x 64, 64 x 80	**73**
Lever Handle for 40 - 200A	**HNLVS1**	88 x 88, 104 x 104	**92**

Script Plate (marking plate)

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Script Plate for 6 - 10A	**SPSQ32**	32 x 32	**7**
Script Plate for 6 - 16A	**SPSQ48**	48 x 48	**14**
Script Plate for 16 - 32A	**SPSQ64**	64 x 64	**14**
Script Plate for 40 - 200A	**SPSQ88**	88 x 88	**19**
Script Plate for 6 - 16A	**SPRT4816**	48 x 16	**7**
Script Plate for 6 - 32A	**SPRT6416**	64 x 16	**7**

Tear Drop

Knobs

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Tear Drop for 6 - 16A	**KNTDS1**	48 x 48, 48 x 60	**14**
Tear Drop for 16 - 32A	**KNTDS2**	64 x 64, 64 x 80	**24**
Tear Drop for 40 - 400A	**KNTDS3**	88 x 88, 104 x 104	**49**

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	**11**
Rear MTG Plate for 25 - 32A	**MPSQ64**	64 x 64	**16**
Rear MTG Plate for 40 - 63A	**MPSQ88**	88 x 88	**38**
Rear MTG Plate for 80 - 400A	**MPSQ104**	104 x 104	**73**
DIN Rail Attachment upto 32A	**B21DIN35**	-	**68**

B31 PVC Enclosure

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**	**492**
Aluminium Enclosure B17 16A upto 3 Stage / 25A upto 2 Stage	**WMBAL**	**820**
SS Enclosure M17 upto 32A - 4 Stage	**WMBSS**	**307**

Note: Switches to be order separately.

B53 Key Operated

B63 Key Lockable Switch

Front Mounting with Lock

Description	Cat. No.	M.R.P. (₹) Per Unit
B53 Lock for 16 - 32A	**LCKB53S1**	**304**
B63 Lock for 32A	**LCKB63S1**	**424**
B63 Lock for 40 - 63A	**LCKB63S2**	**497**
B90 Lock for 16 - 32A	**LCKB90S1**	**428**
B90 Lock for 40 - 63A	**LCKB90S2**	**497**

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

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
Silver Finish 32 x 32 mm	**SFSQ328**	32 x 32	**7**
Silver Finish 48 x 48 mm	**SFSQ48**	48 x 48	**14**
Silver Finish 64 x 64 mm	**SFSQ64**	64 x 64	**19**
Silver Finish 88 x 88 mm	**SFSQ88**	88 x 88	**24**
Silver Finish 104 x 104 mm	**SFSQ104**	104 x 104	**37**

For B13 size (16A onward additional cost)

comes with B13 (4 hole front panel) - fitted with next higher size front plate and the corresponding knob.

Description	Size	M.R.P. (₹) Per Unit
16A - 64 x 64 mm	64 x 64	**32**
25A - 32A x 88 x 88 mm	88 x 88	**49**
40A / 200A - 104 x 104 mm	104 x 104	**61**

B30

Rectangular Padlock

B33

Round Padlock

Note : All rotary swithes are supplied with TDYR combination.
No extra cost for GB/BB colour.

Front Mounting with Pad Lock

Description	Cat. No.	Size	M.R.P. (₹) Per Unit
B33 for 16 - 32A	**PADB33S1**	80 x 80	**183**
B33 for 40 - 400A	**PADB33S2**	95 x 95	**243**
B30 for 16 - 32A	**PADB30S1**	35 x 102	**274**
B30 for 40 - 400A	**PADB30S2**	98 x 126	**424**

Accessories

B41 / B42

Door Interlock with Standard Mounting

Rear Mounting with Door Interlock (B42)

Description	Cat. No.	M.R.P. (₹) Per Unit
B42 for 16 - 32A	**DILB42S1**	**274**
B42 for 40 - 63A	**DILB42S2**	**394**

Rear Mounting with Door Clutch (B41)

Description	Cat. No.	M.R.P. (₹) Per Unit
B41 for 16 - 32A	**DILB41S1**	**274**
B41 for 40 - 63A	**DILB41S2**	**394**

Shrouding Cover (maximum 6 Contacts Round Type)

Description	Cat. No.	M.R.P. (₹) Per Unit
Shrouding Cover for 6 - 10A	**SHCS1**	**49**
Shrouding Cover for 16A	**SHCS2**	**49**
Shrouding Cover for 25 - 32A	**SHCS3**	**80**
Shrouding Cover for 40 - 63A	**SHCS4**	**80**
Special Cover for Extended Termination 80 - 400A (maximum 2 Contact Stage)	**SHCS5**	**588**

Ordering Code for Rotary Switches

	1. Programme Code					2. Type	3. Ampere	4. Mounting			5. Knob		6. Colour	
Example for :														
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 3
Changeovers Switches	Pg 3
Spring Return Switches	Pg 4
Multistep Switches with OFF	Pg 5
Multistep Switches without OFF	Pg 6
Instrumentation Switches	Pg 7
Motor Control Switches	Pg 8
Switches in SS Enclosure	Pg 8
Breaker Control Switches	Pg 8

2. Type Selection

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

S Series Open Version

TP Series Touch Proof

RT Series Touch Proof & Rear Termination

3. Ampere Selection

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

4. Mounting Style

B03/B13
Standard Mounting

B19/B14
Single Hole Mounting

B33
Round Padlock

B30
Rectangular Padlock

B63
Key Lockable Type

B17
ABS Enclosure

M17
Metal Enclosure

B02
Rear/Base Mounting

B21
DIN Rail Mounting

B42
Rear Mounting with Door Interlock

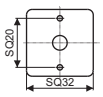
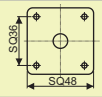
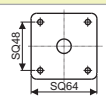
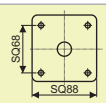
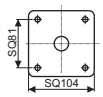
5. Knob / Handle Selection

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

6. Color Combination Selection Table

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

Front Plate

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

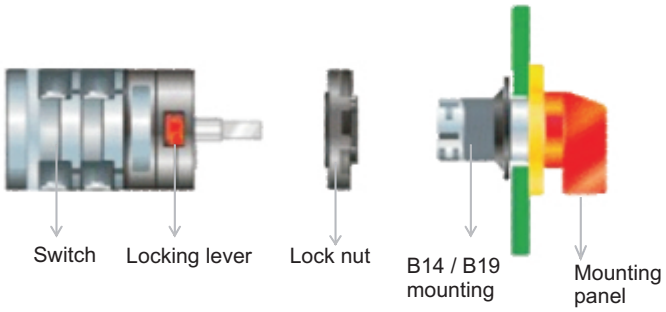
Note: 1. For ratings of 6/10A, standard mounting style is B13
2. Single hole mounting equivalent of B03 is B19 and B13 is B14.

Mounting Feasibility

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

Single Hole Mounting Rotary Switch

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



Benefits:

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

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

EB - GEN Changeover Switches

3 Pole EB - GEN Changeover Switches

B13 Mounting

Description	Cat. No.	M.R.P. (₹) Per Unit			
		25A	32A	40A	63A
3 Pole C/O Front Panel Mounting	**EBXXX31153B13BGYR**	**1313**	**1368**	**1596**	**1661**
3 Pole C/O Rear Mounting	**EBXXX31153MB42BGYR**	**1524**	**1579**	**1838**	**1895**
3 Pole C/O in SS Enclosure	**EBXXX31153SB31BGYR**	**1822**	**1872**	**2166**	**2231**
3 Pole C/O Rear Mounting	**EBXXX31153B21BGYR**	**1524**	**1579**	**1839**	**1895**
3 Pole C/O Rear Mounting	**EBXXX31153MB34LHGB**	**1524**	**1579**	**1838**	**1895**
3 Pole C/O in ABS Enclosure	**EBXXX31153B31LBGYR**	**1822**	**1872**	**2166**	**2231**

4 Pole EB - GEN Changeover Switches

MB42 Mounting

Description	Cat. No.	M.R.P. (₹) Per Unit			
		25A	32A	40A	63A
4 Pole C/O Front Panel Mounting	**EBXXX31154B13BGYR**	**1524**	**1579**	**1872**	**1927**
4 Pole C/O Rear Mounting	**EBXXX31154MB42BGYR**	**1717**	**1783**	**2105**	**2193**
4 Pole C/O in SS Enclosure	**EBXXX31154SB31BGYR**	**2032**	**2111**	**2448**	**2536**
4 Pole C/O Rear Mounting	**EBXXX31154B21BGYR**	**1717**	**1783**	**2105**	**2193**
4 Pole C/O Rear Mounting	**EBXXX31154MB34LHGB**	**1717**	**1783**	**2105**	**2193**
4 Pole C/O in ABS Enclosure	**EBXXX31154B31LBGYR**	**2032**	**2111**	**2448**	**2536**

Rating Selection Table

SB31 Enclosure

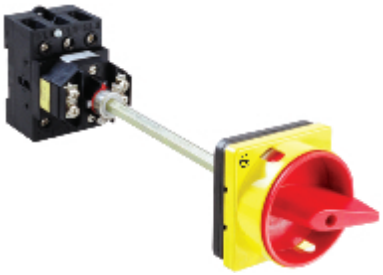
Ampere (A)	Code (XXX)
25	225
32	232
40	240
63	263

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 L&T branch office.

Load Break Switches

- AC23 Utilization Category

B03


MB34

SB31M

LB 3 Pole ON - OFF Switches

Description	Cat. No.	Can also be given on request	M.R.P. (₹) Per Unit								
			16A	20A	25A	32A	40A	63A	80A	100A	125A
Single Hole MTG Switch with Flag Knob	**LBXXX32300B19FPYR**		**450**	**460**	*	*	*	*	*	*	*
Front Plate MTG with Flag Knob	**LBXXX32300B40FPYR**		**438**	**450**	*	*	*	*	*	*	*
Front Panel MTG with B03 (48x48) Plate	**LBXXX32300B03FLYR**	32309	**400**	**410**	**444**	**460**	**527**	**566**	*	*	*
Front Panel MTG with B13 (64x64) Plate with Flag Knob	**LBXXX32300B13FLYR**	32306 / 32309	*	*	**444**	**460**	**527**	**566**	*	*	*
Front Panel MTG with B13 (64x64) Plate with BG Handle	**LBXXX32300B13BGYR**	32309	*	*	**488**	**505**	**571**	**604**	*	*	*
DIN Rail MTG Switch with Flag Knob	**LBXXX32300B23FLGB**		*	*	**444**	**460**	**527**	**566**	*	*	*
Rectangular Pad Lock Switch with TDYR	**LBXXX32300B30TDYR**		*	*	**538**	**566**	**621**	**654**	*	*	*
Round Pad Lock Switch with RDYR	**LBXXX32309B33RDYR**		**438**	**450**	**488**	**505**	**571**	**604**	**1554**	**1940**	**2426**
Switch with B63 Lock & Key Version	**LBXXX32309B63TDYR**		*	*	**743**	**776**	**843**	**865**	*	*	*
Base MTG Switch with DIL and Pad Lock	**LBXXX32309MB34RDYR**		**699**	**721**	**776**	**820**	**853**	**920**	**2071**	**2586**	**3234**
Base MTG Switch with BG Handle	**LBXXX32309MB42BGYR**		**699**	**721**	**776**	**820**	**853**	**920**	*	*	*
Switch in ABS Enclosure - in B31SM	**LBXXX32300B31SMRDYR**		**887**	**915**	**987**	**1014**	*	*	*	*	*
Switch in ABS Enclosure - in B31M	**LBXXX32309B31MRDYR**		*	*	*	*	**1108**	**1136**	*	*	*
Switch in SS Enclosure - in B31L with Round Plate	**LBXXX32309SB31LRDYR**		*	*	*	*	*	*	**2918**	**3439**	**4081**

LB 4 Pole ON - OFF Switches

Description	Cat. No.	Can also be given on request	M.R.P. (₹) Per Unit								
			16A	20A	25A	32A	40A	63A	80A	100A	125A
Single Hole MTG Switch with Flag Knob	**LBXXX32400B19FPYR**		**560**	**571**	*	*	*	*	*	*	*
Front Plate MTG with Flag Knob	**LBXXX32400B40FPYR**		**549**	**560**	*	*	*	*	*	*	*
Front Panel MTG with B03 (48x48) Plate	**LBXXX32400B03FLYR**	32409	**510**	**522**	**567**	**582**	**682**	**721**	*	*	*
Front Panel MTG with B13 (64x64) Plate with Flag Knob	**LBXXX32400B13FLYR**	32406 / 32409	*	*	**567**	**582**	**682**	**721**	*	*	*
Front Panel MTG with B13 (64x64) Plate with BG Handle	**LBXXX32400B13BGYR**	32409	*	*	**610**	**627**	**726**	**759**	*	*	*
DIN Rail MTG Switch with Flag Knob	**LBXXX32400B23FLGB**		*	*	**567**	**582**	**682**	**721**	*	*	*
Rectangular Pad Lock Switch with TDYR	**LBXXX32400B30TDYR**		*	*	**659**	**688**	**776**	**809**	*	*	*
Round Pad Lock Switch with RDYR	**LBXXX32409B33RDYR**		**549**	**560**	**610**	**627**	**726**	**759**	*	*	*
Switch with B63 Lock & Key Version	**LBXXX32409B63TDYR**		*	*	**865**	**898**	**997**	**1020**	*	*	*
Base MTG Switch with DIL and Pad Lock	**LBXXX32409MB34RDYR**		**809**	**831**	**898**	**942**	**1009**	**1075**	**2398**	**2996**	**3743**
Base MTG Switch with BG Handle	**LBXXX32409MB42BGYR**		**809**	**831**	**898**	**942**	*	*	*	*	*
Switch in ABS Enclosure - in B31SM	**LBXXX32400B31SMRDYR**		**997**	**1025**	**1108**	**1136**	*	*	*	*	*
Switch in ABS Enclosure - in B31M	**LBXXX32409B31MRDYR**		*	*	*	*	**1263**	**1291**	*	*	*
Switch in SS Enclosure - in B31L with Round Plate	**LBXXX32409SB31LRDYR**		*	*	*	*	*	*	**3246**	**3848**	**4591**

Ordering Code for Load Break and Changeover Switches

LB	X X X	X X X X X	X X X X X	X X	X X
Load Break Switch	Switch Rating	Programme Code	Mounting Options	Knob Options	Colour

Example

LB Switches, 63A, 3P, 9 O'clock, 4 hole front mounting, with metal shaft, yellow front plate, red round knob LB 263 32309 MB34 RD YR

LB	263	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

X	XX	XXX
F-Front Mounting	MC-Main Module	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	

R	NC	32	Description
			32A
			Neutral Module
			Rear Mounting

Rating Selection Table

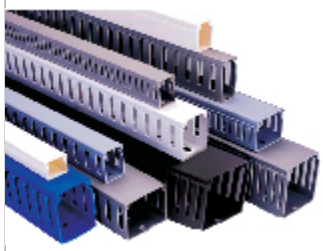
Ampere (A)	Code (XXX)
16	216
20	220
25	225
32	232
40	240
63	263
80	080
100	100
125	125

*** Note : Please contact nearest L&T branch office.

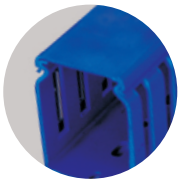
Cable Ducts

PVC Cable Ducts

Type A



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

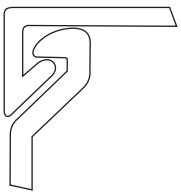


A Type

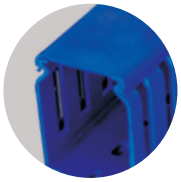
* Snap fit cover
* Easy to remove

Description	1 meter			2 meter		
H x W	Cat. No.(Standard slot Grey)	M.R.P. (₹) Per Unit	Min Order Qty	Cat. No.(Standard slot Grey)	M.R.P. (₹) Per Unit	Min Order Qty
A 15 x 15	WWA1515SG	36	100	WWA1515SG2	72	75
A 15 x 25	WWA1525SG	53	100	WWA1525SG2	106	50
A 25 x 25	WWA2525SG	63	100	WWA2525SG2	126	50
A 30 x 25	WWA3025SG	71	100	WWA3025SG2	142	50
A 40 x 30	WWA4030SG	87	75	WWA4030SG2	174	50
A 45 x 25	WWA4525SG	93	75	WWA4525SG2	186	50
A 45 x 30	WWA4530SG	95	50	WWA4530SG2	190	25
A 45 x 45	WWA4545SG	112	50	WWA4545SG2	224	25
A 45 x 60	WWA4560SG	136	50	WWA4560SG2	272	25
A 60 x 25	WWA6025SG	112	50	WWA6025SG2	224	25
A 60 x 45	WWA6045SG	134	50	WWA6045SG2	268	25
A 60 x 60	WWA6060SG	157	50	WWA6060SG2	314	25
A 60 x 120	WWA60120SG	557	18	WWA60120SG2	1114	8
A 75 x 45	WWA7545SG	167	40	WWA7545SG2	334	25
A 75 x 75	WWA7575SG	241	32	WWA7575SG2	482	16
A 80 x 80	WWA8080SG	276	25	WWA8080SG2	552	16
A 100 x 100	WWA100100SG	444	18	WWA100100SG2	888	8

Type B



Non slip cover design of minimum encumbrance and maximum grip



B Type

* Non - slip cover
* Positive locking

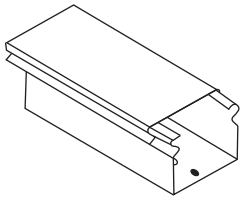
Description	1 meter			2 meter		
W x H	Cat. No. (Standard slot)	M.R.P. (₹) Per Unit	Min Order Qty	Cat. No. (Standard slot)	M.R.P. (₹) Per Unit	Min Order Qty
B 25 x 30	WWB2530SG	68	100	WWB2530SG2	136	50
B 25 x 40	WWB2540SG	83	75	WWB2540SG2	166	50
B 25 x 60	WWB2560SG	109	50	WWB2560SG2	218	25
B 25 x 80	WWB2580SG	149	50	WWB2580SG2	298	25
B 25 x 100	WWB25100SG	208	50	WWB25100SG2	416	25
B 30 x 20	WWB3020SG	88	100	WWB3020SG2	176	50
B 40 x 40	WWB4040SG	109	50	WWB4040SG2	218	25
B 40 x 60	WWB4060SG	133	50	WWB4060SG2	266	25
B 40 x 80	WWB4080SG	165	50	WWB4080SG2	330	25
B 40 x 100	WWB40100SG	218	50	WWB40100SG2	436	25
B 45 x 20	WWB4520SG	93	75	WWB4520SG2	186	50
B 50 x 100	WWB50100SG	244	30	WWB50100SG2	488	18
B 60 x 20	WWB6020SG	128	50	WWB6020SG2	256	25
B 60 x 40	WWB6040SG	138	50	WWB6040SG2	276	25
B 60 x 60	WWB6060SG	160	50	WWB6060SG2	320	25
B 60 x 80	WWB6080SG	216	40	WWB6080SG2	432	20
B 60 x 100	WWB60100SG	283	30	WWB60100SG2	566	18
B 72 x 64	WWB7264SG	202	32	WWB7264SG2	404	18
B 75 x 75	WWB7575SG	286	32	WWB7575SG2	572	16
B 75 x 100	WWB75100SG	297	25	WWB75100SG2	594	14
B 80 x 40	WWB8040SG	170	50	WWB8040SG2	340	25
B 80 x 60	WWB8060SG	213	40	WWB8060SG2	426	20
B 80 x 80	WWB8080SG	266	32	WWB8080SG2	532	16
B 80 x 100	WWB80100SG	327	24	WWB80100SG2	654	14
B 100 x 60	WWB10060SG	261	30	WWB10060SG2	522	14
B 100 x 80	WWB10080SG	319	25	WWB10080SG2	638	14
B 100 x 100	WWB100100SG	440	18	WWB100100SG2	880	10
B 120 x 80	WWB12080SG	435	18	WWB12080SG2	870	10
B 150 x 100	WWB150100SG	520	12	WWB150100SG2	1040	6

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.

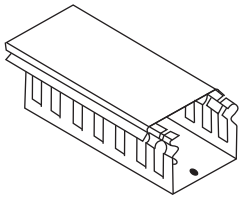
Cable Duct Covers

Description	Cat. No.	M.R.P. (₹) Per Unit
Cover for 15 mm A type	**CCA15SG**	**17**
Cover for 25 mm A type	**CCA25SG**	**27**
Cover for 30 mm A type	**CCA30SG**	**33**
Cover for 45 mm A type	**CCA45SG**	**54**
Cover for 60 mm A type	**CCA60SG**	**65**
Cover for 75 mm A type	**CCA75SG**	**80**
Cover for 80 mm A type	**CCA80SG**	**97**
Cover for 100 mm A type	**CCA100SG**	**118**
Cover for 25 mm B type	**CCB25SG**	**27**
Cover for 30 mm B type	**CCB30SG**	**33**
Cover for 40 mm B type	**CCB40SG**	**43**
Cover for 45 mm B type	**CCB45SG**	**54**
Cover for 50 mm B type	**CCB50SG**	**65**
Cover for 60 mm B type	**CCB60SG**	**65**
Cover for 72 mm B type	**CCB72SG**	**80**
Cover for 75 mm B type	**CCB75SG**	**80**
Cover for 80 mm B type	**CCB80SG**	**96**
Cover for 100 mm B type	**CCB100SG**	**118**
Cover for 120 mm B type	**CCB120SG**	**128**
Cover for 150 mm B type	**CCB150SG**	**149**

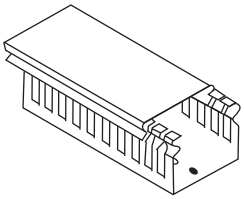
Slotting Styles (A & B Types)



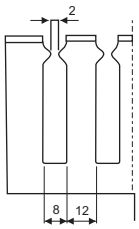
Unslotted
(US)



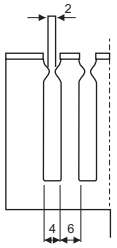
Standard Slotted
(S)



Thin Slotted
(T)



Standard Slot



Thin Slot

DC Switches

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

These products are manufactured by salzer

Timing Devices & Supply Monitors

Timers

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**	**650**
		110 VAC/24 VAC/DC		**11ODT4**	**850**
		12 VDC		**15ODT4**	**695**
Star Delta Timer	3 sec - 120 sec	240 VAC	1 NO (Star)+1 NO (Delta)	**12SDT0**	**730**
	3 sec - 30 sec	240 - 415 VAC	1 C/O (Star)+1 C/O (Delta)	**14SDT1S**	**895**
Multifunction Timer	0.1 sec - 100 hrs	12 - 240 VAC/DC	1 C/O	**1CMDT0**	**1080**
Asymmetrical ON/OFF & OFF/ON	0.1 sec - 100 hrs	12 - 240 VAC/DC	1 C/O	**1CJDT0**	**1080**
One Shot	0.3 sec - 30 hrs	110 VAC/24 VAC/DC	1 C/O	**11BDT4**	**795**
		240 VAC/24 VAC/DC		**12BDT4**	**795**
		12 VDC		**15BDT4**	**850**

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**	**1020**
Star Delta Timer	3 sec - 120 sec	24 - 240 VAC/DC	1 NO (Star)+1 NO (Delta)	**2ASDT0**	**1075**
		240 - 415 VAC		**2BSDT0**	**1205**
Multifunction Timer	0.1s to 120 days	24-240 VAC/DC	2 C/O (1 Inst+1 Delayed)	**2A8DT6**	**1120**
Multifunction Multirange	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O	**2A5DT5**	**1120**
		240 - 415 VAC		**2B5DT5**	**1305**
Signal Base Multi function - Multirange	0.1 sec - 10 hrs	24 - 240 VAC/DC	1 C/O	**2ANDT0**	**1150**
Multifunction Timer 6 Functions	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O (1 Inst+1 Delayed for 6th Mode)	**2A6DT6**	**1160**
		240 - 415 VAC		**2B6DT6**	**1185**
True OFF Delay	0.6 sec - 600 sec	24 - 240 VAC/DC	2 C/O	**23GDT0**	**1700**
Asymmetrical ON/OFF	0.1 sec - 10 hrs	24 - 240 VAC/DC	2 C/O	**2AADT5**	**1225**

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**	**1180**
		24 - 240 VAC/DC	2 NO	**V0DDTD**	**1180**
17 Functions	0.1 sec - 999 hrs	24 - 240 VAC/DC	1 C/O	**V0DDTS1**	**1340**
		24 - 240 VAC/DC	2 NO	**V0DDTD1**	**1340**

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.

Brown out Timer & Motor Restart Timer

Type	Timer	Voltage	Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
Brown out Timer	ON Delay 0.3 - 30 sec	110 VAC	1 C/O	**13UDT0**	**925**
	Interval 0.3 - 30 sec	110 VAC		**13UDT1**	**925**
	ON Delay 0.3 - 30 sec	220 VAC		**17UDT0**	**925**
	Interval 0.3 - 30 sec	220 VAC		**17UDT1**	**925**
	3 Functions 0.3 - 30 sec	110 VAC		**23UDT0**	**1030**
	3 Functions 0.3 - 30 sec	240 VAC		**27UDT0**	**1030**
Motor Restart Timer	Memory time Tm: 0.2 to 6 sec	110 VAC	1 C/O	**23LDT0**	**1225**
	Delay time Td: 0.2 to 60 sec	240 VAC		**22LDT0**	**1225**

23UDT0 and 27UDT0 contains ON Delay, interval and pulse.

Time Switches

FM1 / Quartz

Product Description	Cat. No.	M.R.P. (₹) Per Unit
FM1 / Quartz Daily 240 VAC Base/DIN Mounting	**J648B1**	**2230**
FM1 / Quartz Daily 110 VAC Base/DIN Mounting	**J638B1**	**2580**
FM1 / Quartz Daily 240 VAC Flush Mounting	**J648F1**	**2395**
FM1 / Quartz Daily 110 VAC Flush Mounting	**J638F1**	**2500**
FM1 / Quartz Weekly 240 VAC Base/DIN Mounting	**J848B1**	**2580**
FM1 / Quartz Weekly 110 VAC Base/DIN Mounting	**J838B1**	**2580**
FM1 / Quartz Weekly 240 VAC Flush Mounting	**J848F1**	**2495**
FM1 / Quartz Weekly 110 VAC Flush Mounting	**J838F1**	**2495**
Digital Time Switch FM1 / Digi 20 Plus, 240 VAC, Base/DIN Mounting	**D847B2**	**4215**
Digital Time Switch FM1 / Digi 20 Plus, 240 VAC, Flush Mounting	**D847F2**	**4105**

Digital Time Switch

Product Description	Cat. No.	M.R.P. (₹) Per Unit
Time Switch (Crono) 110 - 240 VAC 1 C/O Base/DIN 25 ON/OFF	**67DDT0**	**1875**
Time Switch (Crono) 24 VDC 1 C/O Base/DIN 25 ON/OFF	**6GHDT0**	**2060**
Time Switch (Crono) 12 VDC 1 C/O Base/DIN 25 ON/OFF	**69HDT0**	**2165**
Time Switch (Pulse) 110 - 240 VAC 1 C/O Base/DIN 16 Pulse	**67DDT9**	**1825**

ASTRO

Astro Mini

Product Description		Cat. No.	M.R.P. (₹) Per Unit
Time Switch (Astro Mini) 110 - 240 VAC 1 Phase - 2W, 1 C/O, Base/DIN		T2DDT7	3150
Time Switch (Astro) 110 - 240 VAC 1 Phase - 2W 2 Channel, Base/DIN		T2DDT0	6810
Time Switch (Astro) 110 - 240 VAC 3 Phase - 4W 3 Channel, Base/DIN		T3DDT0	8035
Accessories	Software on PC for Astro	TGDDT6	610
	USB Interface Cable	GFDNN1	885
	Memory Card for Astro	GFDNN3M	470
3 Phase Astro Accessories	Surge Suppressor	19D2000C	760
	Astro GSM Module (GSM - ERT5), Remote Side	19D20B00	18140
	Astro GSM Module (GSM - RT), PC Side	19C20C00	16120
	Communication Cable (TTL - TTL) between Astro & GSM Module	19A1000B	470

Supply Monitoring Devices

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

Voltage Monitoring Relay Series

SM 301

SM 500

SM 501

Type	Supply Monitoring Type	Time delay	Asymmetry	Voltage & Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
SM301 (3Ph, 3W)	Single Phasing Preventor (SPP*)	ON Delay 2 sec and OFF Delay 7 sec	65 VAC Asymmetry	415 VAC, 1 C/O	MA51BC	750
				415 VAC, 2 C/O	MC21B5	1085
			40 VAC Asymmetry	415 VAC, 1 C/O	MA51BK	750
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	1085
		Selectable ON Delay (0 to 15 sec)	-		MD71BH	1085
		Selectable OFF Delay (0 to 15 sec)	-		MD71BF	1275
	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	1340
		Selectable ON Delay (0 to 15 sec) & OFF Delay 5 sec	Phase Asymmetry 10% fixed		MG73BH	1340
		Selectable OFF Delay (0 to 15 sec) & ON Delay 5 sec	Phase Asymmetry 10% fixed		MG73BF	1340
	SPP + Selectable UV + Selectable OV with Neutral Loss Protection	ON Delay 5 sec and OFF Delay 5 sec, 500ms-1s for Neutral fail	94 VAC Asymmetry	415 VAC, 3 Ph 4W, 2 C/O	MAC04 D0100	1340
SM501 (3 Ph, 3W)	SPP + Under Voltage (80% of ⏚)	Selectable ON Delay and OFF Delay 15 sec	Selectable Asymmetry (5% to 17%)	415 VAC, 2 C/O	MB53BM	1340
	Single Phasing Preventor + Selectable Under Voltage + Selectable Over Voltage	Selectable ON Delay 15 sec & OFF Delay 5 sec	Phase Asymmetry 10%		MG53BH	1340
		Selectable OFF Delay 15 sec & ON Delay 5 sec	Phase Asymmetry 10%		MG53BF	1340
		ON Delay 5 sec and OFF Delay 5 sec	94 VAC Asymmetry		MG53BI	1250
		ON Delay 3 min and OFF Delay 5 sec UV 85% of⏚OV 110% of⏚	Phase Asymmetry 10%		MG53BO	1250

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

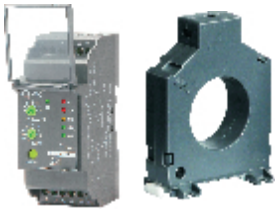
Voltage Monitoring Relay Series

Type	Supply Monitoring Type	Time Delay	Assymetry	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**	**845**
		ON Delay 500 msec & OFF Delay 100 msec	Phase Asymmetry (30% fixed)		**MC21D5**	**845**
		ON Delay 5 sec & OFF Delay 100 msec (0 to 15s Selectable)	Phase Asymmetry (5% to 15% variable)		**MA21DN**	**1095**
	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**	**1095**
	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**	**1225**
		ON Delay 5s and Selectable OFF Delay (0 to 15 ses)			**MG21DF**	**1225**

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**	**1560**
		220 - 440 VAC, 1 C/O	**MI91BJ**	**1560**
Under/Over Frequency Monitoring Relay	ON Delay (Fixed) and OFF Delay Selectable	110 - 240 VAC, 1 C/O	**MI81BL**	**1695**
		220 - 440 VAC, 1 C/O	**MI91BL**	**1695**

Earth Leakage Relays



Current Range	Type	Voltage & Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
30mA - 30A	Earth Leakage Relay	110-240 VAC, 110V DC, Manual reset	**17G715GF2**	**2800**
		220-415 VAC, 220V DC, Manual reset	**17G745GF2**	**2800**
		110-240 VAC, 110 VDC, Auto reset	**17G715KF2**	**2800**
		220-415 VAC, 220 VDC, Auto reset	**17G745KF2**	**2800**
	CBCT (moulded case)	38 mm ID	**17H7NNHN3**	**1400**
		57 mm ID	**17H7NNIN3**	**1500**
		92 mm ID	**17H7NNJN3**	**1700**
	CBCT (tape wound)*	215 mm ID	**17H7NNKN3**	**3500**
60mA - 300mA	Earth Leakage Relay	110 - 240 VAC, 1 C/O	**17G514FF1**	**1965**
		220 - 415 VAC, 1 C/O	**17G544FF1**	**1965**
	CBCT (tape wound)	35 mm	**17H5NNHL3**	**1020**
		65 mm	**17H5NNIL3**	**1440**
		100 mm	**17H5NNJL3**	**1585**
0.2A - 1.2A	Earth Leakage Relay	110 - 240 VAC, 1 C/O	**17G614FF1**	**1965**
		220 - 415 VAC, 1 C/O	**17G644FF1**	**1965**
	CBCT (tape wound)	35 mm	**17H6NNHL3**	**1020**
		65 mm	**17H6NNIL3**	**1440**
		100 mm	**17H6NNJL3**	**1585**

* Note: For higher dimension of CBCT please contact nearest branch office.

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

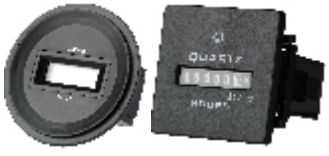
Phase	Type	Current & Contact Arrangement	Cat. No.	M.R.P. (₹) Per Unit
3 Phase	Inverse Time Current Monitoring Relay	3 - 9A, 1 C/O	**17A122CB0**	**1500**
		8 - 24A, 1 C/O	**17A222CB0**	**1500**
		15 - 45A, 1 C/O	**17A322CB0**	**1500**
	Definite Time Current Monitoring Relay	3 - 9A, 1 C/O	**17B122AA0**	**1500**
		8 - 24A, 1 C/O	**17B222AA0**	**1500**
		15 - 45A, 1 C/O	**17B322AA0**	**1500**
1 Phase	Inverse Time Current Monitoring Relay	3 - 9A, 1 C/O	**17C112EB0**	**1470**
		8 - 24A, 1 C/O	**17C212EB0**	**1470**
		15 - 45A, 1 C/O	**17C312EB0**	**1470**
	Definite Time Current Monitoring Relay	3 - 9A, 1 C/O	**17D112DA0**	**1470**
		8 - 24A, 1 C/O	**17D212DA0**	**1470**
		15 - 45A, 1 C/O	**17D312DA0**	**1470**

PTC Thermistor Relay Series

Relay Type	Description	Cat. No.	M.R.P. (₹) Per Unit
Thermistor Relay	110 - 240 VAC, 2 C/O	**MJ83BK**	**1335**
	220 - 440 VAC, 2 C/O	**MJ93BK**	**1350**
	24 VAC/DC, 2 C/O	**MJA3BK**	**1560**
	110 - 240 VAC, 1 C/O	**MJ81BK**	**1230**
	220 - 440 VAC, 1 C/O	**MJ91BK**	**1245**
Thermistor Relay + Single Phasing Preventor	230 VAC, 1 NO + 1 NO	**ML64BS**	**1440**
	230 VAC, 1 NO + 1 NC	**ML67BS**	**1440**
	400 VAC, 1 NO + 1 NO	**MLD4BS**	**1440**
	400 VAC, 1 NO + 1 NC	**MLD7BS**	**1440**

Hour Meter & Counter

Hour Meters



Product Description	Cat. No.	M.R.P. (₹) Per Unit
HM - 36 85 - 265 VAC Flush Mounting	**LA25F1**	**565**
HM - 36 10 - 80 VDC Flush Mounting	**LD17F1**	**860**
HM - 36 92 - 264 / 270 - 460 VAC Base - DIN Mounting	**30A6B1**	**620**
HM - 36 10 - 80 VDC Base/DIN Mounting	**30D1B1**	**860**
Digital Hour Meter/Digital Counter (Resetable)	**Z□□FB□**	**1045**

Hour Meter / Counter **Z□ □ FB□**

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

Electro Mechanical Timers

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 **B□ □ □ □ □**

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'	*185

Mounting

B	Base Mounting
F	Flush (door) Mtg.

Contact

1	1 Inst + 1 Del C/O	
2	1 Inst + 2 Del C/O	*170

*Add to basic Price.
Contact : 240 VAC 6A (Resistive)

Table - 1

Single Range (SR) (In sec/min/hrs)	M.R.P. (₹) Per Unit for range in sec	M.R.P. (₹) Per Unit for range in min	M.R.P. (₹) Per Unit for range in hrs	Multi Range (MR) with 5 Ranges	M.R.P. (₹) Per Unit
0.15 - 3	**2445**	**2645**	**2935**	0.15 sec - 3 hrs	**3325**
0.3 - 6	**2445**	**2645**	**2935**	0.3 sec - 6 hrs	**3325**
0.6 - 12	**2445**	**2645**	**2935**	0.6 sec - 12 hrs	**3325**
1.5 - 30	**2445**	**2645**	**3125**		
3.0 - 60	**2445**	**2645**	**3125**		
6.0 - 120	**2445**	**2645**	**3125**		

EM 2000

Product Description	Cat. No.	M.R.P. (₹) Per Unit
EM 2000 On Delay Type Contact	**C□□□B1**	**1470**

EM 2000 **C□ □ □ B 1**

Timing Ranges

C	1.0 - 30 sec
J	2.0 - 60 sec
Q	4.0 - 120 sec

Voltage

3	110 VAC 50 Hz	
4	240 VAC 50 Hz	
5	415 VAC 50 Hz	***185**

Contact

5	1 Del C/O	
6	2 Del C/O	***195**

* Add to basic Price.

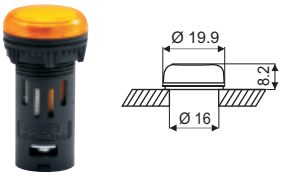
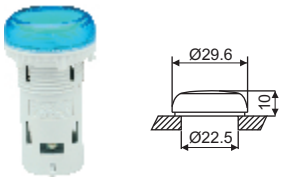
These products are manufactured by GIC
www.gicindia.com

Modular Remote Control Units

Gen Next Series

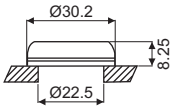
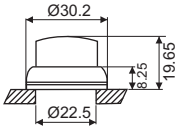
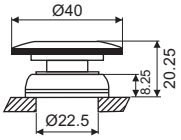
Gen Next LED Indicator

- Surface Mounted Device LED technology
- Low Power consumption < 0.6W
- Surge & Low Voltage Glow Protection (LVGP)

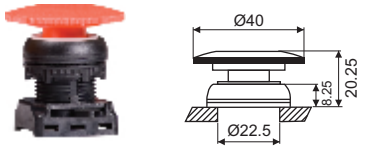
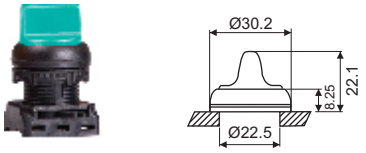
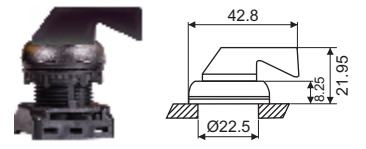
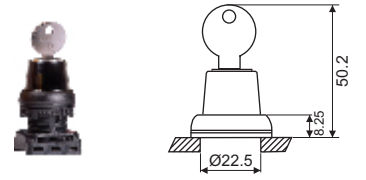
	Description	Cat. No.	Colour (4^{th} Digit)	Voltage (5^{th}, 6^{th}, 7^{th} & 8^{th} Digit)	M.R.P. (₹) Per Unit
	Gen Next LED Indicator 16 mm	**SIL□□□□□**	R-Red G-Green Y-Yellow A-Amber B-Blue W-White	012C - 12 VAC/DC 024C - 24 VAC/DC 048C - 48 VAC/DC 064C - 64 VAC/DC 110C - 110 VAC/DC 240A - 240 VAC	**100** **170** **Blue & White**
 New Cluster design	Gen Next LED Indicator 22.5 mm	**EIL□□□□□**	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	**108** **184** **Blue & White**
				415A - 415 VAC	**135** **227** **Blue & White**

Gen Next Push Button & Selector Actuators Ø 22.5 mm

- 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	**54**
	Projecting Head Push Function'	**EMN□PD1**	R-Red G-Green C-Black Y-Yellow W-White B-Blue A-Amber F-Gray	**54**
	Mushroom Head 'Push - Turn Function'	**EMN□MH1**	R-Red G-Green C-Black Y-Yellow	**107**

Gen Next Push Button & Selector Actuators Ø 22.5 mm

	Description	Cat. No.	Colour (4th Digit)	M.R.P. (₹) Per Unit
	Mushroom Head 'Push - Function'	**EMN□MD1**	R-Red G-Green C-Black Y-Yellow	**78**
	Symmetric Head	**2 Position**	R-Red G-Green C-Black W-White	
		Non Spring Return **EMN□SK1**		**152**
		Spring Return **EMN□SI1**		
		3 Position		
		Non Spring Return **EMN□SL1**		**161**
		Spring Return **EMN□SJ1**		
		Spring Return L. H. **EMN□SM1**		
		Spring Return R. H. **EMN□SN1**		
	Lever Head	**2 Position**	R-Red W-White C-Black	
		Non Spring Return **EMN□LK1**		**152**
		Spring Return **EMN□LI1**		
		3 Position		
		Non Spring Return **EMN□LL1**		**161**
		Spring Return **EMN□LJ1**		
		Spring Return L. H. **EMN□LM1**		
		Spring Return R. H. **EMN□LN1**		
	Lock & Key Rotary Type	**2 Position**	C-Black	
		Non Spring Return **EMN□KK1**		**219**
		Spring Return **EMN□KI1**		
		3 Position		
		Non Spring Return **EMN□KL1**		**229**
		Spring Return **EMN□KJ1**		
		Spring Return L. H. **EMN□KM1**		
		Spring Return R. H. **EMN□KN1**		

Note : 1. Actuators & Selector Actuators with black ABS collar are offered as Standard

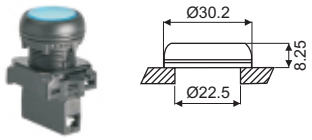
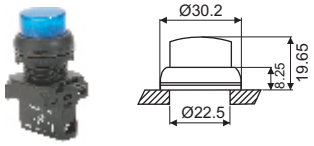
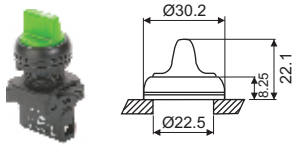
2. Actuators (except Mushroom Head Push - Pull Actuators) are also available with chrome plated ABS & Brass collar
   - For Chrome plated ABS Collar replace 7th digit 1 by 3 **eg. : EMNPD3**
   - For Brass Collar replace 7th digit 1 by 2 **eg. : EMNPD2**

3. For Non-Illuminated Actuator / Selector Actuator at least 1 NO or NC Block required to make a complete Assembly
   eg. EMNRFD1 + EC1C makes complete assembly of flush head actuator with 1 NO Block

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

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

	Description	Cat. No.	Colour (8th Digit)	Voltage (9th, 10th, 11th &12th 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	**155**
			B-Blue W-White		**286** **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	**155**
			B-Blue W-White		**286** **Blue and White**
	Selector Actuator with LED holder	**2 Position** Non Spring Return **EG03SKL□□□□□** 	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	**226**
		Spring Return **EG03SIL□□□□□** 			
		3 Position Non Spring Return **EG03SLL□□□□□** 			**339** **Blue and White**
		Spring Return **EG03SJL□□□□□** 			

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.

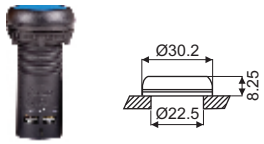
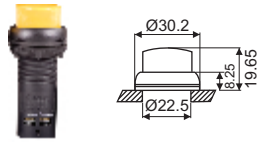
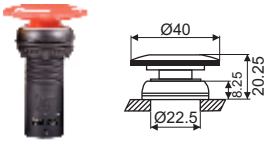
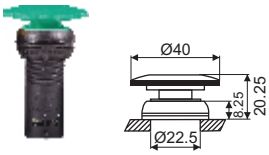
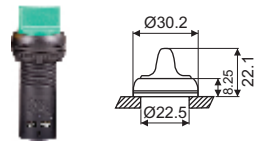
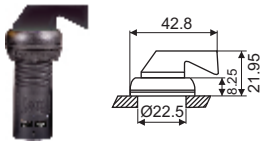
Gen Next Modular Contact Blocks

	Description	Cat. No.	Colour (8th Digit)	Voltage (9th, 10th, 11th & 12th Digit)	M.R.P. (₹) Per Unit
	'NO' Block	**EC1C**	–	–	**42**
	'NC' Block	**EC2C**	–	–	**42**
	LED Holder for Gen Next series	**EG08HOL□□□□**	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	**100**
			B-Blue W-White		**225** **Blue and White**

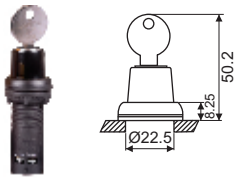
Note : Gen Next Modular Contact Blocks (EC1C and EC2C) can be used only with Gen Next Push Button Actuator

Gen Next *e*ntegral Actuator

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

	Description	Cat. No.	Contact Configuration (3rd Digit)	Colour (4th Digit)	M.R.P. (₹) Per Unit
	Flush Head	**EE□□FD1**	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow W-White B-Blue A-Amber C-Black	**84**
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC		**125**
	Projecting Head Push Function	**EE□□PD1**	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow W-White B-Blue A-Amber C-Black	**84**
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC		**125**
	Mushroom Head Push - Turn	**EE□□MH1**	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow C-Black	**126**
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC		**172**
	Mushroom Head Push - Function	**EE□□MD1**	1 - 1 NO 2 - 1 NC	R-Red G-Green Y-Yellow C-Black	**106**
			3 - 1 NO + 1 NC 4 - 2 NO 5 - 2 NC		**145**
	Symmetric Head Actuator	**2 Position**	1 - 1 NO 2 - 1 NC	R-Red G-Green W-White C-Black	**175**
		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)		**214**
		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)		**220**
		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	**175**
		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)		**214**
		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)		**220**
		Non Spring Return **EE□□LL1**			
		Spring Return **EE□□LJ1**			
		Spring Return L. H. **EE□□LM1**			
		Spring Return R. H. **EE□□LN1**			

Gen Next *e*ntegral Actuator



Description	Cat. No.	Contact Configuration (3rd Digit)	Colour (4th Digit)	M.R.P. (₹) Per Unit
Lock & Key Rotary Type	**2 Position**		C-Black	
	Non Spring Return **EE□□KK1**	1 - 1 NO 2 - 1 NC		**222**
	Spring Return **EE□□KI1**	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		**267**
	3 Position			
	Non Spring Return **EE□□KL1**	3 - 1 NO + 1 NC (Left NO) 4 - 2 NO 5 - 2 NC 6 - 1 NO + 1 NC (Right NO)		**273**
	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

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

Description	Electrical Rating	Cat. No.		M.R.P. (₹) Per Unit
		Round Type	Square Type	
22.5 mm Panel Mounted Buzzer Black colour	240 VAC	EG15R00C240A	EG15S00C240A	**198**
	110 VAC	EG15R00C110A	EG15S00C110A	**198**
	64 VAC/DC	EG15R00C064C	EG15S00C064C	**198**
	48 VAC/DC	EG15R00C048C	EG15S00C048C	**198**
	30 VAC/DC	EG15R00C030C	EG15S00C030C	**198**
	24 VAC/DC	EG15R00C024C	EG15S00C024C	**198**
	12 VAC/DC	EG15R00C012C	EG15S00C012C	**198**

Gen Next Push Button Stations

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**	**308**
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO'	**EP1FAB02**	**308**
	Two Position Symmetric Head Selector Switch - Black with Legend - OFF / ON Contact - 1 'NO'	**EP1FAF08**	**406**
	Two Position Lock & Key Rotary Switch with Legend - OFF / ON Contact - 1 'NO'	**EP1FAF12**	**448**
	Mushroom Head Actuator 'Push Function' with Legend - STOP Contact - 1 'NC' for Stop	**EP1FAC03**	**328**

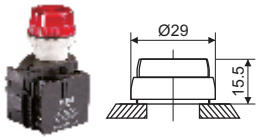
Gen Next Push Button Stations

	Description	Cat. No.	M.R.P. (₹) Per Unit
	Mushroom Head Actuator 'Push Turn Type' with Legend - STOP Contact - 1 'NC' for Stop	**EP1FAC05**	**400**
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' *(Station One)* Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC'	**EP2FAH0201**	**448**
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' *(Station One)* Mushroom Head Actuator 'Push Turn Type' with Legend - STOP Contact - 1 'NC' *(Station Two)*	**EP2FAH0205**	**494**
	LED Indicator 240 VAC - Red *(Station One)* Flush Head Actuator - Green with Legend - START Contact - 1 'NO' *(Station Two)* Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC' *(Station Three)*	**EP3FAUI1X0201**	**603**
	Flush Head Actuator - Green with Legend - FORWARD Contact - 1 'NO' *(Station Two)* Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC' *(Station Two)* Flush Head Actuator - Green with Legend - REVERSE Contact - 1 'NO' *(Station Three)*	**EP3FAR020102**	**565**
	Flush Head Actuator - Green with Legend - UP Contact - 1 'NO' *(Station Two)* Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC' *(Station Two)* Flush Head Actuator - Green with Legend - DOWN Contact - 1 'NO' *(Station Three)*	**EP3FAS020102**	**565**
	All 7 Flush Head Actuators with NO Contact & Mushroom Head Push Turn	**EP8F02**	**1606**
	8 Way push button pendant with hanging provision	**EP8F04**	**1717**
	Single Station Enclosure Box without Actuator	**EP1FAA**	**171**
	Two Station Enclosure Box without Actuator	**EP2FAA**	**181**
	Three Station Enclosure Box without Actuator	**EP3FAA**	**186**
	Eight Station Enclosure Box without Actuator	**EP8FAA**	**313**

Note: 1. All Gen next push button stations contains *e*ntegral Actuators.
2. Only entegral 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.

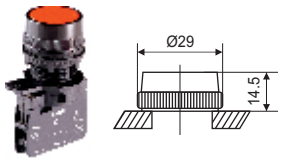
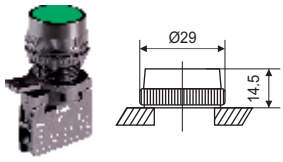
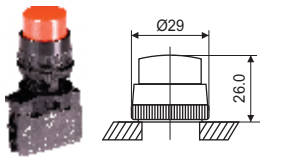
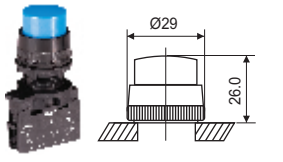
Standard Series

Standard Indicators

	Description	Cat. No.	Colour (4th Digit)	Voltage (5th & 6th Digit)	M.R.P. (₹) Per Unit
	Universal Voltage LED Indicator	**TP0☐Z1** **TP0☐Z2**	1-Red 2-Green 4-Yellow 5-White 6-Blue 7-Orange	Z1 - 40V to 240 VAC/DC Z2 - 24V to 240 VAC/DC	**250** **299 Blue** **391 White**

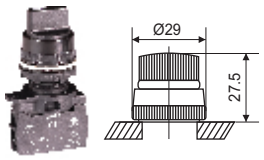
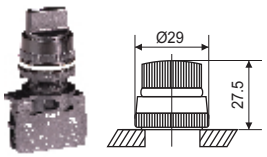
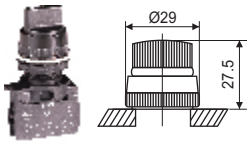
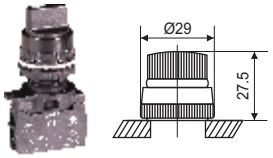
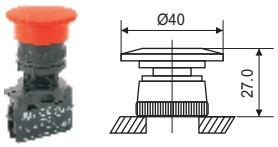
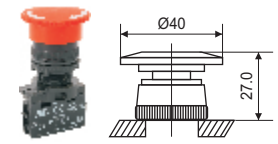
TEEKAY Series

- Pre assembled actuators with 1 NO (HC61A2) or 1 NC (HC61B2) contact blocks with single row clip

	Description	Cat. No.	Colour (4th Digit)	M.R.P. (₹) Per Unit
	Flush head Push Button with 1 NC Block	**TD1☐AB2**	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange	**101**
	Flush head Push Button with 1 NO Block	**TD1☐AA2**	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange	**101**
	Projecting head Push Button with 1 NC Block	**TD4☐AB2**	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange	**101**
	Projecting head Push Button with 1 NO Block	**TD4☐AA2**	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange	**101**

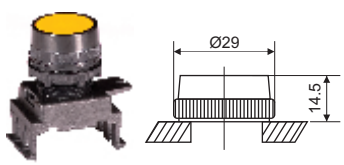
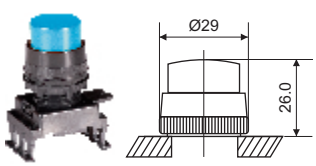
Note: For requirement of more than 1 contact block, please order Gen next series.

TEEKAY Series

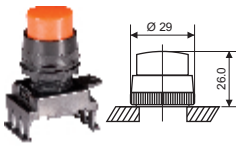
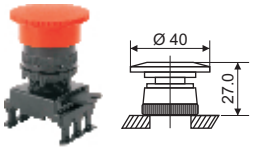
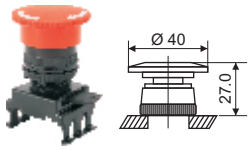
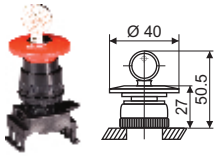
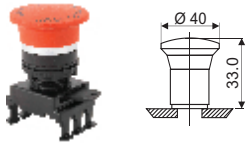
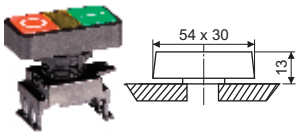
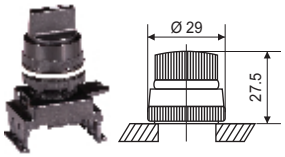
	Description	Cat. No.	Colour (4th Digit)	M.R.P. (₹) Per Unit
	Symmetrical head 2 position selector switch (NSR) with 1 NC Block	**TK63AB2**	3-Black	**210**
	Symmetrical head 2 position selector switch (NSR) with1 NO Block	**TK63AA2**	3-Black	**210**
	Symmetrical head 2 position selector switch (SR) with1 NC Block	**TI63AB2**	3-Black	**210**
	Symmetrical head 2 position selector switch (SR) with1 NO Block	**TI63AA2**	3-Black	**210**
	Mushroom Head Push Turn Actuator with 1 NC	**TH5☐AB2**	1-Red 2-Green 3-Black 4-Yellow	**159**
	Mushroom Head Push Turn Actuator with 1 NO	**TH5☐AA2**		
	Mushroom Head Push Function Actuator with 1 NC	**TD5☐AB2**	1-Red 2-Green 3-Black 4-Yellow	**130**
	Mushroom Head Push Function Actuator with 1 NO	**TD5☐AA2**		

Standard Push Button & Selector Actuators Ø 22.5 mm

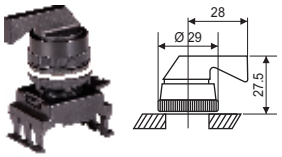
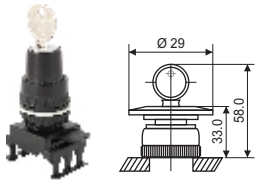
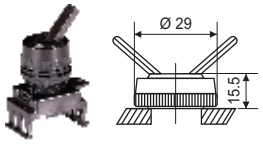
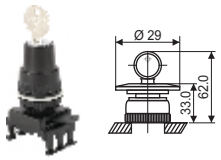
- Contact blocks HC61A2 & HC61B2

	Description	Cat. No.	Colour (6th 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	**67**
	Projecting Head 'Push Function'	**HD45C☐**	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange 8-Colorless	**67**

Standard Push Button & Selector Actuators Ø 22.5 mm

	Description	Cat. No.	Colour (6th Digit)	M.R.P. (₹) Per Unit
	Projecting Head 'Push - Push Function'	**HF45C☐**	1-Red 2-Green 3-Black 4-Yellow 5-White/Opal 6-Blue 7-Orange	**149**
	Mushroom Head Ø 40 mm 'Push Function'	**HD55C☐**	1-Red 2-Green 3-Black 4-Yellow	**93**
	Mushroom Head 'Push Turn'	**HH55C☐**	1-Red 2-Green 3-Black 4-Yellow	**128**
	Mushroom Head With Lock & Key	**HQ55C☐**	1-Red 2-Green 3-Black 4-Yellow	**248**
	Mushroom Head 'Push Pull'	**HG55B☐**	1-Red 2-Green 3-Black 4-Yellow 6-Blue	**226**
	Twin Touch	**HD15G☐**	3-Black	**133**
	Symmetric Head	**2 Position**	1-Red 2-Green 3-Black 5-White/Opal	
		Non Spring Return **HK65C☐**		**182**
		Spring Return **HI65C☐**		
		3 Position		**192**
		Non Spring Return **HL65C☐**		
		Spring Return **HJ65C☐**		
		Spring Return from L. H. **HM65C☐**		
		Spring Return from R. H. **HN65C☐**		

Standard Push Button & Selector Actuators Ø 22.5 mm

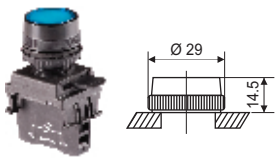
	Description	Cat. No.		Colour (4th Digit)	M.R.P. (₹) Per Unit
	Lever Head	**2 Position**		1-Red 3-Black 5-White/Opal	
		Non Spring Return	**HK75C□**		**182**
		Spring Return	**HJ75C□**		
		3 Position			**192**
		Non Spring Return	**HL75C□**		
		Spring Return	**HJ75C□**		
		Spring Return from L. H.	**HM75C□**		
		Spring Return from R. H.	**HN75C□**		
	Lock & Key Rotary Type	**2 Position**		3-Black	
		Non Spring Return	**HK85C□**		**248**
		Spring Return	**HJ85C□**		
		3 Position			**259**
		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	
		Non Spring Return	**HP95C□**		**151**
	Lock & Key Push Turn	**2 Position**		3-Black	
		Non Spring Return	**HH85C□**		**259**

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

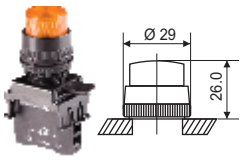
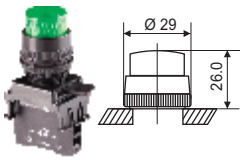
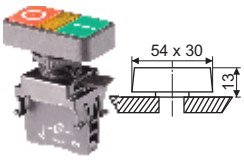
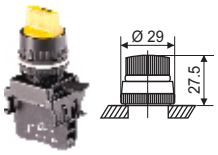
Note : 1. Actuators & Selector Actuators with black ABS collar are offered as Standard **eg. : HD15 C1**
2. Actuators (except Mushroom Head Push - Pull & all types of twin touch Actuators) are also available with chrome plated ABS & Brass collar
- For Chrome plated ABS Collar replace 5 th digit C by 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

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

	Description	Cat. No.	Colour (4th Digit)	Voltage (5th, 6th, 7th & 8th 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 240A - 240 VAC 220D - 220 VDC	**173**
			B-Blue W-White		**328**

Standard Illuminated Actuators With LED

	Description	Cat. No.	Colour (4th Digit)	Voltage (5th, 6th, 7th & 8th 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 240A - 240 VAC 220D - 220 VDC	**173**
			B-Blue W-White		**328**
	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 240A - 240 VAC 220D - 220 VDC	**252**
			B-Blue W-White		**407**
	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	**227**
	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	**275**
		2 Position Spring Return **EAL□□□□□□SI1**	B-Blue W-White		**407**
		3 Position Non Spring Return **EAL□□□□□□SL1**	R-Red G-Green Y-Yellow A-Amber		**286**
		3 Position Spring Return **EAL□□□□□□SJ1**			
		3 Position Spring Return from L. H. **EAL□□□□□□SM1**	B-Blue W-White		**420**
		3 Position Spring Return from R. H. **EAL□□□□□□SN1**			

Note* : 1) In 2 position selector actuator, for operating style 0 1 replace 10th digit from K to R and for operating style 0 1 replace 10th digit from K to T.
2) Assembly comes with LED holder. Please order contact block HC61A2 and HC61B2 separately.
3) For Illuminated Actuators / Selector Actuators at least 1 LED Holder is required for electrical connection.

Standard Modular Contact Blocks

	Description	Cat. No.	Colour (4th Digit)	Voltage (5th, 6th, 7th & 8th Digit)	M.R.P. (₹) Per Unit
	'NO' Block	**HC61A2**	-	-	**50**
	'NC' Block	**HC61B2**	-	-	**50**
	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	**108** **253 Blue & White**

Standard Push Button Stations (in ABS Engineering plastic body)

Dimension ● Single Station : 74 x 70 x 48.5 mm ● Two Station : 107 x 70 x 48.5 mm
● Three Station : 140 x 70 x 48.5 mm

	Description	Cat. No.	M.R.P. (₹) Per Unit
	Mushroom Head Actuator 'Push Function' with Legend - STOP Contact - 1 'NC' for Stop	**JAE10000**	**391**
	Mushroom Head Actuator 'Push Turn Type' with Legend - STOP Contact - 1 'NC' for Stop	**JAF10000**	**441**
	Mushroom Head Actuator with Lock and Key on Yellow Cover, with legend - STOP, Contact - 1 'NC' for Emergency Stop	**JAG10000**	**537**
	Push Button Station with Push Pull Emergency Switch, Red with 1 NC	**TJ51B2**	**477**
	Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC'	**JAA10000**	**367**
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO'	**JAB20000**	**367**
	Illuminated Actuator - Red with Legend - OFF Contact - 1 'NC' Bulb Holder with Bulb 240 VAC	**JAC50000**	**416**
	Illuminated Actuator - Green with Legend - ON Contact - 1 'NO' Bulb Holder with Bulb 240 VAC	**JAD60000**	**434**
	Two Position Symmetric Head Selector Switch - Black with Legend - OFF / ON Contact - 1 'NO'	**JAH20000**	**484**
	Two Position Lock & Key Rotary Switch with Legend - OFF / ON Contact - 1 'NO'	**JAI20000**	**549**
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' *(Station One)*	**JBB2A100**	**530**
	Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC' *(Station Two)*		
	Flush Head Actuator - Green with Legend - START Contact - 1 'NO' *(Station One)*	**JBB2F100**	**588**
	Mushroom Head Actuator 'Push Turn Type' with Legend - STOP Contact - 1 'NC'		
	Pilot Light 240 VAC Colourless Lens *(Station One)*	**JCZ4B2A1**	**718**
	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 One)*	**JDB2A1B2**	**674**
	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 One)*	**JEB2A1B2**	**674**
	Flush Head Actuator - Red with Legend - STOP Contact - 1 'NC' *(Station Two)*		
	Flush Head Actuator - Green with Legend - DOWN Contact - 1 'NO' *(Station Three)*		

Note: All standard push button stations contains base mounted contact blocks.

Standard Push Button Stations (in ABS Engineering plastic body)

Push Buttons Station Enclosure with contact block

	Description		Cat. No.	M.R.P. (₹) Per Unit
	All Grey single hole		**HF999004**	**205**
	All Grey & 2 hole of Ø 22.5		**HF999005**	**205**
	All Grey & 3 holes of Ø 22.5		**HF999003**	**205**
	Single hole yellow cover & gray base		**HF995001**	**187**
	Base mounted contact block for Push Button Stations	'NO' Contact Block	**HC42A2**	**59**
		'NC' Contact Block	**HC42B2**	
		1 'NO' + 1 'NC' Contact Block	**HC42C2**	**93**
		2 'NO' Contact Block	**HC42D2**	**93**
		2 'NC' Contact Block	**HC42E2**	
		Bulb Holder with Bulb 240 VAC+ 'NO' Contact Block	**HC22N1**	**129**
		Bulb Holder with Bulb 240 VAC+ 'NC' Contact Block	**HC22O1**	

Standard All Purpose Enclosures

	Description	Cat. No.	M.R.P. (₹) Per Unit
Dimension: 110 x 80 x 65 mm	All Grey without hole	**HF999000**	**205**
	All Grey & 1 hole of Ø 22.5	**HF999001**	**205**
	All Grey & 2 holes of Ø 22.5	**HF999002**	**205**
Dimension: 170 x 85 x 80 mm	4 Station Enclosure (maximum 3 NO/NC per button)	**HF999024**	**484**
Dimension: 80 x 82 x 85 mm	1 Station Enclosure (maximum 4 NO or NC)	**HF999026**	**371**

Note: Only standard series actuators and contact block (HC61A2 & HC62B2) can be used to convert all purpose enclosure box into standard push button station.

Accessories and Spares for Standard series

Clips for Modular Blocks	Description	Cat. No.	M.R.P. (₹) Per Unit
	Second Row Clip (For Vertical Cascading)	HC122030	15
	Side Row Clip (For Horizontal Cascading)	HC929002	

Clips for Modular Blocks	Description	Cat. No.	M.R.P. (₹) Per Unit
	First Row Clip	HC922002	15
	Single Leg Clip	HE102000	

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

Shroud (Boot) for Actuator

(For IP67 protection with standard series actuators)

Cat. No.	Colour	M.R.P. (₹) Per Unit
HH152002	Red	13
HH153003	Green	
HH154004	Black	
HH155005	Yellow	
HH150100	Colourless	18

Spare Lens Cap

Colour	Cat. No.		M.R.P. (₹) Per Unit
	Non Illuminated	Illuminated	
Red	HB103002	HB103103	11
Green	HB104000	HB104101	
Black	HB102006	NA	
Yellow	HB105008	HB105109	
White/Opal	HB101004	HB101105	
Blue	HB107010	HB107111	
Orange	HB108012	HB108113	
Colourless	NA	HB100107	

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

Collar (For Flush/ Projecting Head)

Adaptor Ring (For 30 to 22 mm in Panel Cutout conversion)

Blanking Plugs

Center Indication Strip (For Twin Touch Actuator)

Cat. No.	Colour	M.R.P. (₹) Per Unit
HB192000	Chrome Plated 'ABS'	10
HB196000	Black	10
HB326000	Brass	31
HH180000	Gray	14
HH182004	Black	
HH196006	Chrome Plated 'ABS'	
HH180002	Gray	27
HH182009	Black	
HH196010	Chrome Plated 'ABS'	
HB102058	Black	27
HB105163	Yellow	
HB108169	Orange	
HB100161	Colourless	

Metal Plates - Spare

	Cat. No.	M.R.P. (₹) Per Unit
Small	HH2420122	12
Large	HH2420124	12
Square	HH2420123	12

Note: Printing as per customer requirement

Fixing Device

Cat. No.	M.R.P. (₹) Per Unit
HH192000	38

Plastic Plate

	Cat. No.	M.R.P. (₹) Per Unit
Yellow legend plate	HB135000	33
Protecting Shroud	HF195004	33

These products are manufactured by ESBEE switch to perfection

Discontinued products

The following products have been discontinued

Timing Devices & Supply Monitors

Timer Type	Discontinued		Alternate	
	Family	Cat. Nos.	Family	Cat. Nos.
Multifunction timer	Micon 350	37EDT4, 33EDT7, 36EDT7	Micon 225	2A6DT6
Multifunction timer	Micon 780	74MDT0, 70MDT0, 76MDT0	Micon 225	2A6DT6, 2B6DT6 (DIN Rail)
Star Delta timer		74SDT0		2BSDT0 (DIN Rail)
Star Delta timer		70SDT0		2ASDT0 (DIN Rail)
Asymmetrical timer		70ADT0, 74ADT0		2AADT5 (DIN Rail)
Multifunction timer	Micon 480	40MFS0, 40MFE0	Digicon, Micon 225	2ANDT0 (DIN Rail Mounting)
Assymetrical ON/OFF		40AFS0	Digicon, Micon 225	2AADT5 (DIN Rail Mounting)
Star Delta timer		40SFS0	Digicon, Micon 225	2ASDT0 (DIN Rail Mounting)
ON Delay timer		47OFE8, 43OFE8, 46OFE8	Digicon, Micon 225	2A6DT6 (DIN Rail Mounting)
Assymetrical ON/OFF and OFF/ON	Micon 225	2AJDT0	Micon 175	1CJDT0
Hour meter	HM 48	K54SF1	HM 36	LA25F1
ON Delay timer	Micon 225	29ODT5	Micon 175	11ODT4 / 15ODT4
Assymetrical ON/OFF		25ADT5		1CJDT0

Modular Remote Control Units

Family Type	Actuator Type	Discontinued Cat. Nos.	Alternate Cat. Nos.
Standard series Illuminated Push button actuators	Flush head	HD16C□	EAL□□□□□FD1
	Projecting head push function	HD46C□	EAL□□□□□PD1
	Projecting head push push function	HF46C□	EAL□□□□□PF1
	Twin touch	HD16G□	EAL□□□□□TD1
Standard series Illuminated selector actuators	2 Position NSR	HK66C□	EAL□□□□□SK1
	2 Position SR	HI66C□	EAL□□□□□SI1
	3 Position NSR	HL66C□	EAL□□□□□SL1
	3 Position SR	HJ66C□	EAL□□□□□SJ1
	3 Position SR from LH	HM66C□	EAL□□□□□SM1
	3 Position SR from RH	HN66C□	EAL□□□□□SN1
Standard Series LED Indicator	TT Series indicator	TTO□□□	EIL□□□□
	TM Series indicator	TMO□XI	EIL□□□□

PS: EAL series comes with inbuilt LED holder

* 6th digit indicates colour

* 4th digit indicates colour and 5th, 6th, 7th and 8th digit indicates voltage

Notes:

General Terms

All prices are on maximum retail price basis inclusive of Excise Duty and VAT / Sales 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 has over five decades of experience in providing after sales service for low voltage distribution systems in every type of industry & commercial complex in India.

L&T 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

* Proof of purchase to be retained to avail warranty

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Product improvement is a continuous process. For the latest information and special applications, please contact any of our offices listed here.
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L&T SWITCHGEAR
SAFE & SURE

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