

Control and Signaling Devices Ø 22.5 Plastic Series

MRP with effect from 01.10.2025



Salient features

This range of Ø22.5 pushbuttons, selector switches, illuminated switches, illuminated selector switches and pilot lights have been designed to provide the following salient features:

- Economy of space
- aesthetically elegant
- SELF WIPING COTACT
- Robust in materials of construction
- Simple to fix - screw driver is all that required
- Safe in operation
- Very good flame resistance
- Fixing method unaffected by excessive vibration-Unit does not rotate
- Shrouded terminals
- Protection against electric shock (unit earthed)

Actuators

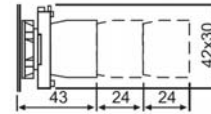
The circular actuators have black plastic bezels, and are functionally interchangeable on the different types of contact elements.

Contact Elements

The contact elements are double break and have **self-wiping** contacts.

The elements are interchangeable and can be stacked without additional hardware,

1 to 6 elements (NO or NC) can be used with non-illuminated actuators, whereas, 1 to 4 elements (NO or NC) can be used for illuminated actuators, Gold plated NO and NC contact elements for low voltage, low current switching circuits < 25 mA, are available



Illuminated pushbuttons and pilot lights

Pilot lights and illuminated switches are suitable for direct connection, through series resistor, through series resistor and diode, using bayonet cap filament bulb type BA9S, as follows:

Supply voltage for direct connection without series resistor: 6V-130V

Supply voltage through series resistor: 12V-415V

Supply voltage through series resistor and diode: 230V AC

Bulb.....: Filament, type BA9S with OAL max., 28 mm

LED illuminated actuators & pilot lights are available with integral LED, LED in bayonet cap suitable for operating at various voltages namely 6V, 12V, 24V, 30V, 48V, 110V, 230V, AC or DC and 415V AC. LED bulbs with bayonet cap are constructed in the standard BA9S design with OAL max. 28 mm. On request an extra short circuit protection consisting of built in fuse in the LED modules can be provided.

Pilot lights are available with but in transformers suitable for operating at 230. 110 volts AC Input and 6V, 12V and 24V output.

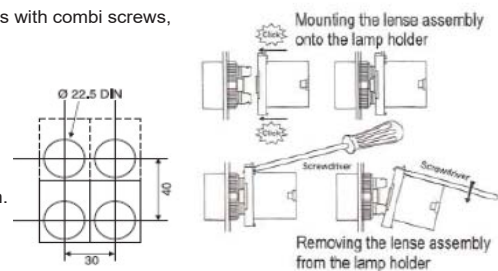
Terminals

Contact elements and pilot lights are designed to have shrouded terminals with combi screws,

Fixing

The P Series control devices Ø22.5 can be fixed in any position on panels of 1 to 5 mm thickness. We recommend minimum fixing centres of 30mm x 40 mm

However, the dimensions and configuration should be decided on the basis of the application. The actuators and the lense assemblies lock on the holding bracket. Details of the assembly shown in diagram.



Electrical and mechanical characteristics

Environment

Standard conformity	: CSA - C22.2 No. 14-95, UL508, IEC 947 • 5 (1) 1990, IS 13947
Approval	: ASTA UK certified as per IEC 947 - 5 - (1) 1990
Degree of protection	: CSA - C22.2 No. 14° 95, UL508
Ambient	: IP 65 as per IEC 529, NEMA 4X, 12 as per UL 50
Operating Position	: - 25° C to + 70° C
	: All Position

Contact Block

Rated insulation voltage	: 500 V
Rated thermal current	: 10 A
Contact operation	: Self wiping, slow break NO or NC

Make and break capacity

As per IEC 947 - 5 • (1) 1990	: AC 15 4A, 415V AC																			
	: DC13 0.5A 110V DC																			
As per CSA - C22.2 No. 14-95, UL508	: A 600 Q600																			
Terminal capacity	: minimum 1 x 0.5 mm', maximum 2 x 1.5 mm' or 1 x 2.5 mm'																			
Terminal marking	: 1- 2 for NC, 3-4 for NO																			
Short circuit protection	: 10 A cartridge ruse HRC type, rated for resistive loading																			
Mechanical life	: Over 1 million operations																			
Electric rating																				
(For 1 million operation cycles, operation at 3600 cycles per hour, load factor 0.5)	: <table><tr><td>AC 15</td><td>V</td><td>24</td><td>120</td><td>230</td><td></td><td>V</td><td>24</td><td>110</td></tr><tr><td></td><td>A</td><td>5</td><td>4</td><td>3</td><td></td><td>DC 13</td><td>A</td><td>0.5</td><td>0.2</td></tr></table>	AC 15	V	24	120	230		V	24	110		A	5	4	3		DC 13	A	0.5	0.2
AC 15	V	24	120	230		V	24	110												
	A	5	4	3		DC 13	A	0.5	0.2											

Modules for pilot light & illuminated switches with integral LED I multichip LED bulb (BA9S cap)

Current consumptions (applicable to all colours)

24 VAC/DC, 110 VAC & 240 VAC	: max.20 mA
110 VDC	: max.15 mA
220 VDC	: max.10 mA
Service life (at nominal voltage and at Ambient temperature of 25°C)	: 50,000 hours
Voltage limits (nominal voltage)	: <20 % of rated voltage>
Short circuit protection	: on specific request
Terminal capacity	: min. 1 x 0.5 mm2, max. 2 x 1.5 mm2 or 1 x 2.5 mm2

Control and signalling devices Ø 22.5 P series

Ordering instructions

1. Actuators, illuminated actuators, contact elements, lense assemblies & pilot lights can all be ordered separately or in combination.
2. Prefix P2 for all actuators and combinations indicates Ø 22.5 P series.
The type numbers of contact elements are : NO: Actuator mounting : S1, S3 Note:
Individual mounting : S5, S7 S3, S4, S7, S8 are gold plated contacts
NC: Actuator mounting : S2, S4 suitable for low voltage, low current
Individual mounting : S6, S8 switching circuits < 25 mA

3. Some examples of type numbers:

Actuator :Type P2AF3 is flush actuator, GREEN
Pilot light :Type P2PLB4 is pilot light without series resistor, RED
Complete pushbutton :Type P2PSF411 is flush pushbutton, RED, with 1NO+1NC contact elements
1NC element S2
1NO element S1
Colour actuator, RED
Ø 22.5 flush type pushbutton

Accessories and spares

Legend plates

Legend plates 30 x 40 mm are supplied with the following standard texts:

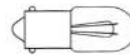
START FORWARD UP OPEN AUTO SLOW RESET ON RIGHT TRIP
STOP REVERSE DOWN CLOSE HAND FAST INCH OFF LEFT POWER ON
Legend plate Ø 60 mm yellow with black characters for **EMERGENCY STOP**



Filament bulb

Filament bulb type BA9S, OAL 28mm

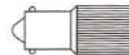
Voltage	: 6	12	24	30	48	60	130
Watts	: 1	2	2	2	2	2	2.6



LED bulb

LED multichip bulb type BA9S, OAL 28mm

Colour	: White	Green	Red	Amber	Blue	Yellow	V	W
Type No.	: MCB9124	MCB9324	MCB9424	MCB9524	MCB9624	MCB9824	24	0.5
	MCB91110	MCB93110	MCB94110	MCB95110	MCB96110	MCB98110	110	1.0
	MCB91230	MCB93230	MCB94230	MCB95230	MCB96230	MCB98230	230	1.0



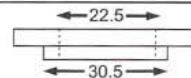
Lenses

Colour of lense	: Translucent White	Green	Red	Amber	Blue	Clear	Yellow
For pilot lights with filament bulb	2PLL1	2PLL3	2PLL4	2PLL5	2PLL6	2PLL7	2PLL8
For illuminated actuators with filament bulb (flush/projecting)	2LAL1	2LAL3	2LAL4	2LAL5	2LAL6	2LAL7	2LAL8
For pilot lights with LED	2PLL1L	2PLL3L	2PLL4L	2PLL5L	2PLL6L	2PLL7L	2PLL8L
For illuminated actuators with LED (flush/projecting)	2LAL1L	2LAL3L	2LAL4L	2LAL5L	2LAL6L	2LAL7L	2LAL8L



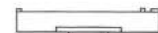
Adaptor for fixing Ø 22.5 devices in Ø 30.5 cutout.

Type No. : 2ADP



Fixing flange

Type No. : P2BRK



Padlock

For mushroom actuator : type no. 2PAM

For projecting actuator : type no. 2PAP



Boot for non ill. flush actuator

Colour of Boot : Clear

Type No : 2BT7



Boot for flush / projecting illuminated actuator

Colour of Boot : Clear

Type No : 2ALBT7



Boot for twin actuator

Colour of Boot : Clear

Type No : 2ATBT7



Boot for twin illuminated actuator

Colour of Boot : Clear

Type No : 2ATLBT7



Bulb extractor

Type No. : 2BA9SE



Blanking plug for Ø 22.5 hole, black

Type No. : 2BP2





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Control & Signalling Devices 22.5 Ø
PLASTIC SERIES

MOMENTARY ACTUATORS					
	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs.	MOQ NOS.
	Flush				50 NOS.
		White	P2AF1	69.00	
		Black	P2AF2	69.00	
		Green	P2AF3	69.00	
		Red	P2AF4	69.00	
		Blue	P2AF6	69.00	
		Yellow	P2AF8	69.00	
	Projecting				50 NOS.
		White	P2AP1	69.00	
		Black	P2AP2	69.00	
		Green	P2AP3	69.00	
		Red	P2AP4	69.00	
		Blue	P2AP6	69.00	
		Yellow	P2AP8	69.00	
	Flush with arrow marking				50 NOS.
		White	P2AF1A	101.00	
		Black	P2AF2A	101.00	
	Flush Relay Reset				50 NOS.
		White	P2AF1RR	96.00	
		Black	P2AF2RR	96.00	
		Green	P2AF3RR	96.00	
		Red	P2AF4RR	96.00	
		Blue	P2AF6RR	96.00	
Yellow	P2AF8RR	96.00			
	Booted				50 NOS.
		White	P2AF1BT7	149.00	
		Black	P2AF2BT7	149.00	
		Green	P2AF3BT7	149.00	
		Red	P2AF4BT7	149.00	
		Blue	P2AF6BT7	149.00	
Yellow	P2AF8BT7	149.00			
HSN CODE : 85365010					



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Control & Signalling Devices 22.5 Ø
PLASTIC SERIES

MUSHROOM HEAD ACTUATORS					
	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs.	MOQ NOS.
	Latching Ø 30mm				20 NOS.
		Black	P2AMLS2	159.00	
		Red	P2AMLS4	159.00	
	Momentary Ø 40mm				
		Black	P2AM2	117.00	
		Green	P2AM3	117.00	
		Red	P2AM4	117.00	
		Blue	P2AM6	117.00	
		Yellow	P2AM8	117.00	
	Push-Pull Ø 40mm				
		Black	P2AMPP2	159.00	
		Red	P2AMPP4	159.00	
	Latching Ø 40mm				
		Black	P2AML2	159.00	
		Red	P2AML4	159.00	
	Latching with Key Ø 40mm				
		Black	P2AMLKB2	313.00	
		Red	P2AMLKB4	313.00	
HSN CODE : 85365010					



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Control & Signalling Devices 22.5 Ø

PLASTIC SERIES

MUSHROOM HEAD ACTUATORS					
	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs.	MOQ NOS.
	Latching Trigger Ø 40mm				20 NOS.
		Black	P2AMLT2	239.00	
		Red	P2AMLT4	239.00	
	Latching Trigger with key Ø 40mm				
		Black	P2AMLTKB2	387.00	
		Red	P2AMLTKB4	387.00	
	Push-Pull Trigger with mechanical Indicator 40 mm	Ø Red	P2AMPPT4	276.00	
	Latching Ø 60mm				20 NOS.
		Black	P2AMLJ2	202.00	
		Red	P2AMLJ4	202.00	
	Push-Pull Ø 60mm				
		Black	P2AMPPJ2	202.00	
		Red	P2AMPPJ4	202.00	
	Momentary Ø 60mm				
		Black	P2AMJ2	159.00	
		Green	P2AMJ3	159.00	
		Red	P2AMJ4	159.00	
		Blue	P2AMJ6	159.00	
		Yellow	P2AMJ8	159.00	
HSN CODE : 85365010					



	TYPE		COLOUR	ORDERING CODE	PRICE IN Rs.	MOQ NOS.	
	2 position LATCHING		Black	P2AS2-2P	214.00	50 NOS.	
	With ext. knob			P2AS2E-2P	214.00		
	MOMENTARY			P2AS2-2PSR	214.00		
	With ext. knob			P2AS2E-2PSR	214.00		
	3 position STAY PUT		Black	P2AS2-3P	214.00		
	With ext. knob			P2AS2E-3P	214.00		
	MOMENTARY on both sides			P2AS2-3PSR	234.00		
	With ext. knob			P2AS2E-3PSR	234.00		
	MOMENTARY on right			P2AS2-3PSRR	234.00		
	With ext. knob			P2AS2E-3PSRR	234.00		
	MOMENTARY on left			P2AS2-3PSRL	234.00		
	With ext. knob			P2AS2E-3PSRL	234.00		

HSN CODE : 85365010



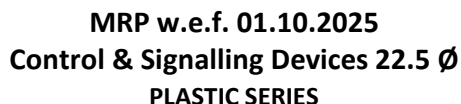
	TYPE		COLOUR	ORDERING CODE	PRICE IN Rs.	MOQ NOS.
	2 POSITION Stayput		Black	P2AK2-2PB	302.00	50 NOS.
				P2AK2-2PO	302.00	
				P2AK2-2PI	302.00	
	Spring Return			P2AK2-2POSR	302.00	
	3 POSITION Stayput		Black	P2AK2-3PA	318.00	
				P2AK2-3PO	318.00	
				P2AK2-3PB	318.00	
				P2AK2-3PC	318.00	
	Spring Return			P2AK2-3PSR	318.00	
	Right to Centre			P2AK2-3PSRR	318.00	
	Left to Centre			P2AK2-3PSRL	318.00	
	* X stands for position in which key is removable					
HSN CODE : 85365010						



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Control & Signalling Devices 22.5 Ø
PLASTIC SERIES

TWIN ACTUATORS						
	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs.	MOQ NOS.	
	Double Flush w/o IO Mark				50 NOS.	
		Green	P2ATF3F4	143.00		
		Red				
		Yellow	P2ATF8F2	143.00		
		Black				
	Double Flush with IO Mark					
		Green	P2ATF3F4(IO)	143.00		
		Red				
		Yellow	P2ATF8F2(IO)	143.00		
		Black				
	1 Flush 1 Projecting w/o IO Mark					
		Green	P2ATF3P4	143.00		
		Red				
		Yellow	P2ATF8P2	143.00		
		Black				
	1 Flush 1 Projecting with IO Mark					
		Green	P2ATF3P4(IO)	143.00		
		Red				
		Yellow	P2ATF8P2(IO)	143.00		
		Black				
HSN CODE : 85365010						



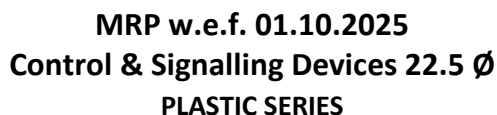
Control & Signalling Devices 22.5 Ø

PLASTIC SERIES

	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs.	PRICE IN Rs.	MOQ NOS.
				INTEGRAL LED	WITH LED BULB	
	Illuminated Flush actuator, Momentary					
	Integral LED 6V, 12V, 24V, 48V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC	White LED / White Lens	P2ALRF1L(S)	408.00		
		Green LED / Green Lens	P2ALRF3L	260.00		
		Red LED / Red Lens	P2ALRF4L	260.00		
		Amber LED / Amber Lens	P2ALRF5L	260.00		
		Blue LED / Blue Lens	P2ALRF6L	530.00		
		White LED / Clear Lens	P2ALRF7L(S)	408.00		
	Yellow LED / Yellow Lens	P2ALRF8L	260.00			
Integral LED	Please mention the voltage required after the ordering code					25 NOS.
	LED Bulb, BA9S type 24V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC	White LED Bulb / White Lens	P2ALF1LB(S)		504.00	
		Green LED Bulb / Green Lens	P2ALF3LB		270.00	
		Red LED Bulb / Red Lens	P2ALF4LB		270.00	
		Amber LED Bulb / Amber Lens	P2ALF5LB		270.00	
		Blue LED Bulb / Blue Lens	P2ALF6LB		530.00	
		White LED Bulb / Clear Lens	P2ALF7LB(S)		504.00	
	Yellow LED Bulb / Yellow Lens	P2ALF8LB		270.00		
LED Bulb	Please mention the voltage required after the ordering code					
	Illuminated Projecting Actuator, Momentary					
	Integral LED 6V, 12V, 24V, 48V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC	White LED / White Lens	P2ALRP1L(S)	408.00		
		Green LED / Green Lens	P2ALRP3L	260.00		
		Red LED / Red Lens	P2ALRP4L	260.00		
		Amber LED / Amber Lens	P2ALRP5L	260.00		
		Blue LED / Blue Lens	P2ALRP6L	530.00		
		White LED / Clear Lens	P2ALRP7L(S)	408.00		
	Yellow LED / Yellow Lens	P2ALRP8L	260.00			
Integral LED	Please mention the voltage required after the ordering code					25 NOS.
	LED Bulb, BA9S type 24V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC	White LED Bulb / White Lens	P2ALP1LB(S)		504.00	
		Green LED Bulb / Green Lens	P2ALP3LB		270.00	
		Red LED Bulb / Red Lens	P2ALP4LB		270.00	
		Amber LED Bulb / Amber Lens	P2ALP5LB		270.00	
		Blue LED Bulb / Blue Lens	P2ALP6LB		530.00	
		White LED Bulb / Clear Lens	P2ALP7LB(S)		504.00	
	Yellow LED Bulb / Yellow Lens	P2ALP8LB		270.00		
LED Bulb	Please mention the voltage required after the ordering code					
HSN CODE : 85365010						

ILLUMINATED SELECTOR ACTUATOR WITH LED							
	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs. INTEGRAL LED	PRICE IN Rs. WITH LED BULB	MOQ NOS.	
	2 Position Stayput						
	Integral LED 6V, 12V, 24V, 48V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC 	White LED / White Lens	P2ASLR1L(S)-2P	573.00			
		Green LED / Green Lens	P2ASLR3L-2P	424.00			
		Red LED / Red Lens	P2ASLR4L-2P	424.00			
		Amber LED / Amber Lens	P2ASLR5L-2P	424.00			
		Blue LED / Blue Lens	P2ASLR6L-2P	684.00			
		White LED / Clear Lens	P2ASLR7L(S)-2P	573.00			
		Yellow LED / Yellow Lens	P2ASLR8L-2P	424.00			
Integral LED	Please mention the voltage required after the ordering code					25 NOS.	
	LED Bulb, BA9S type 24V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC 	White LED Bulb / White Lens	P2ASL1LB(S)-2P		684.00		
		Green LED Bulb / Green Lens	P2ASL3LB-2P		435.00		
		Red LED Bulb / Red Lens	P2ASL4LB-2P		435.00		
		Amber LED Bulb / Amber Lens	P2ASL5LB-2P		435.00		
		Blue LED Bulb / Blue Lens	P2ASL6LB-2P		716.00		
		White LED Bulb / Clear Lens	P2ASL7LB(S)-2P		684.00		
		Yellow LED Bulb / Yellow Lens	P2ASL8LB-2P		435.00		
LED Bulb	Please mention the voltage required after the ordering code					25 NOS.	
	2 Position Momentary						
	Integral LED 6V, 12V, 24V, 48V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC 	White LED / White Lens	P2ASLR1L(S)-2PSR	573.00			
		Green LED / Green Lens	P2ASLR3L-2PSR	424.00			
		Red LED / Red Lens	P2ASLR4L-2PSR	424.00			
		Amber LED / Amber Lens	P2ASLR5L-2PSR	424.00			
		Blue LED / Blue Lens	P2ASLR6L-2PSR	684.00			
		White LED / Clear Lens	P2ASLR7L(S)-2PSR	573.00			
		Yellow LED / Yellow Lens	P2ASLR8L-2PSR	424.00			
Integral LED	Please mention the voltage required after the ordering code					25 NOS.	
	LED Bulb, BA9S type 24V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC 	White LED Bulb / White Lens	P2ASL1LB(S)-2PSR		684.00		
		Green LED Bulb / Green Lens	P2ASL3LB-2PSR		435.00		
		Red LED Bulb / Red Lens	P2ASL4LB-2PSR		435.00		
		Amber LED Bulb / Amber Lens	P2ASL5LB-2PSR		435.00		
		Blue LED Bulb / Blue Lens	P2ASL6LB-2PSR		716.00		
		White LED Bulb / Clear Lens	P2ASL7LB(S)-2PSR		684.00		
		Yellow LED Bulb / Yellow Lens	P2ASL8LB-2PSR		435.00		
LED Bulb	Please mention the voltage required after the ordering code						
HSN CODE : 85365010							

ILLUMINATED SELECTOR WITH LED/LED BULB							
	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs. INTEGRAL LED	PRICE IN Rs. WITH LED BULB	MOQ NOS.	
	3 Position Illuminated Selector Actuator						25 NOS.
	Stayput	White LED / White Lens	P2ASLR1L(S)-3P	594.00			
	Integral LED	Green LED / Green Lens	P2ASLR3L-3P	446.00			
	6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	P2ASLR4L-3P	446.00			
	110VAC, 110VDC,	Amber LED / Amber Lens	P2ASLR5L-3P	446.00			
	230VAC, 220VDC	Blue LED / Blue Lens	P2ASLR6L-3P	705.00			
		White LED / Clear Lens	P2ASLR7L(S)-3P	594.00			
		Yellow LED / Yellow Lens	P2ASLR8L-3P	446.00			
	Please mention the voltage required after the ordering code						
	Momentary	White LED / White Lens	P2ASLR1L(S)-3PSR	599.00			
	Integral LED	Green LED / Green Lens	P2ASLR3L-3PSR	461.00			
	6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	P2ASLR4L-3PSR	461.00			
	110VAC, 110VDC,	Amber LED / Amber Lens	P2ASLR5L-3PSR	461.00			
	230VAC, 220VDC	Blue LED / Blue Lens	P2ASLR6L-3PSR	710.00			
		White LED / Clear Lens	P2ASLR7L(S)-3PSR	599.00			
		Yellow LED / Yellow Lens	P2ASLR8L-3PSR	461.00			
	Please mention the voltage required after the ordering code						
	Stayput / Momentary	White LED / White Lens	P2ASLR1L(S)-3PSRL	599.00		25 NOS.	
	Integral LED	Green LED / Green Lens	P2ASLR3L-3PSRL	461.00			
	6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	P2ASLR4L-3PSRL	461.00			
	110VAC, 110VDC,	Amber LED / Amber Lens	P2ASLR5L-3PSRL	461.00			
	230VAC, 220VDC	Blue LED / Blue Lens	P2ASLR6L-3PSRL	710.00			
		White LED / Clear Lens	P2ASLR7L(S)-3PSRL	599.00			
		Yellow LED / Yellow Lens	P2ASLR8L-3PSRL	461.00			
	Please mention the voltage required after the ordering code						
Stayput / Momentary	White LED / White Lens	P2ASLR1L(S)-3PSRR	599.00		25 NOS.		
Integral LED	Green LED / Green Lens	P2ASLR3L-3PSRR	461.00				
6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	P2ASLR4L-3PSRR	461.00				
110VAC, 110VDC,	Amber LED / Amber Lens	P2ASLR5L-3PSRR	461.00				
230VAC, 220VDC	Blue LED / Blue Lens	P2ASLR6L-3PSRR	710.00				
	White LED / Clear Lens	P2ASLR7L(S)-3PSRR	599.00				
	Yellow LED / Yellow Lens	P2ASLR8L-3PSRR	461.00				
Please mention the voltage required after the ordering code							
Integral LED	Please mention the voltage required after the ordering code						
	Stayput	White LED Bulb / White Lens	P2ASL1LB(S)-3P			705.00	25 NOS.
	LED Bulb, BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3P		461.00		
	24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3P		461.00		
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3P		461.00		
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3P		731.00		
		White LED Bulb/ Clear Lens	P2ASL7LB(S)-3P		705.00		
		Yellow LED Bulb / Yellow Lens	P2ASL8LB-3P		461.00		
	Please mention the voltage required after the ordering code						
	Momentary	White LED Bulb / White Lens	P2ASL1LB(S)-3PSR		716.00	25 NOS.	
	LED Bulb, BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3PSR		466.00		
	24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3PSR		466.00		
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3PSR		466.00		
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3PSR		742.00		
		White LED Bulb / Clear Lens	P2ASL7LB(S)-3PSR		716.00		
		Yellow LED Bulb / Yellow Lens	P2ASL8LB-3PSR		466.00		
	Please mention the voltage required after the ordering code						
	Stayput / Momentary	White LED Bulb / White Lens	P2ASL1LB(S)-3PSRL		716.00		25 NOS.
	LED Bulb, BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3PSRL		466.00		
	24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3PSRL		466.00		
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3PSRL		466.00		
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3PSRL		742.00		
		White LED Bulb/ Clear Lens	P2ASL7LB(S)-3PSRL		716.00		
		Yellow LED Bulb / Yellow Lens	P2ASL8LB-3PSRL		466.00		
	Please mention the voltage required after the ordering code						
	Stayput / Momentary	White LED Bulb / White Lens	P2ASL1LB(S)-3PSRR		716.00	25 NOS.	
LED Bulb, BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3PSRR		466.00			
24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3PSRR		466.00			
110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3PSRR		466.00			
230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3PSRR		742.00			
	White LED Bulb / Clear Lens	P2ASL7LB(S)-3PSRR		716.00			
	Yellow LED Bulb / Yellow Lens	P2ASL8LB-3PSRR		466.00			
Please mention the voltage required after the ordering code							
LED Bulb	Please mention the voltage required after the ordering code						
HSN CODE : 85365010							



	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs. INTEGRAL LED	PRICE IN Rs. WITH LED BULB	MOQ NOS.
	Twin Illuminated 1 Flush, 1 Projecting, (IO) Mark					
	Integral LED 6V, 12V, 24V, 48V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC		P2ATLR5LF3P4 (IO)	340.00		25 NOS.
		Green				
		Red				
		Amber lens				
Integral LED	Please mention the voltage required after the ordering code					
	LED Bulb,BA9S type 24V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC		P2ATL5LBF3P4 (IO)		361.00	25 NOS.
		Green				
		Red				
		Amber lens				
	LED Bulb	Please mention the voltage required after the ordering code				
	Twin Illuminated Double Flush, (IO) Mark					
	Integral LED 6V, 12V, 24V, 48V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC		P2ATLR5LF3F4 (IO)	340.00		25 NOS.
		Green				
		Red				
		Amber lens				
Integral LED	Please mention the voltage required after the ordering code					
	LED Bulb,BA9S type 24V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC		P2ATL5LBF3F4 (IO)		361.00	25 NOS.
		Green				
		Red				
		Amber lens				
	LED Bulb	Please mention the voltage required after the ordering code				
HSN CODE : 85365010						



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Control & Signalling Devices 22.5 Ø

PLASTIC SERIES

PILOT LIGHTS						
	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs. INTEGRAL LED	MOQ NOS.	
	Pilot Light with Integral LED					25 NOS.
	Integral LED 6V, 12V, 24V, 48V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC	White LED / White Lens	P2PLBR1L(S)	398.00		
		Green LED / Green Lens	P2PLBR3L	223.00		
		Red LED / Red Lens	P2PLBR4L	223.00		
		Amber LED / Amber Lens	P2PLBR5L	223.00		
		Blue LED / Blue Lens	P2PLBR6L	546.00		
		White LED / Clear Lens	P2PLBR7L(S)	398.00		
		Yellow LED / Yellow Lens	P2PLBR8L	223.00		
Integral LED	Please mention the voltage required after the ordering code					
	Integral LED, Flasher 24V, 110V, 230V AC	White LED Bulb / White Lens	P2PLBR1LF(S)	398.00		
		Green LED Bulb / Green Lens	P2PLBR3LF	223.00		
		Red LED Bulb / Red Lens	P2PLBR4LF	223.00		
		Amber LED Bulb / Amber Lens	P2PLBR5LF	223.00		
		Blue LED Bulb / Blue Lens	P2PLBR6LF	546.00		
		White LED Bulb/ Clear Lens	P2PLBR7LF(S)	398.00		
		Yellow LED Bulb / Yellow Lens	P2PLBR8LF	223.00		
	Integral LED	Please mention the voltage required after the ordering code				
	Integral LED 415VAC	White LED / White Lens	P2PLBR1L(S)	467.00		
		Green LED / Green Lens	P2PLBR3L	276.00		
		Red LED / Red Lens	P2PLBR4L	276.00		
		Amber LED / Amber Lens	P2PLBR5L	276.00		
		Blue LED / Blue Lens	P2PLBR6L	599.00		
		White LED / Clear Lens	P2PLBR7L(S)	467.00		
		Yellow LED / Yellow Lens	P2PLBR8L	276.00		
	Integral LED, 415VAC	Please mention the voltage required after the ordering code				
	Integral LED, Test Lamp 24V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC	White LED / White Lens	P2PLBR1L(S)**TL	557.00		
		Green LED / Green Lens	P2PLBR3L**TL	334.00		
		Red LED / Red Lens	P2PLBR4L**TL	334.00		
		Amber LED / Amber Lens	P2PLBR5L**TL	334.00		
		Blue LED / Blue Lens	P2PLBR6L**TL	705.00		
		White LED / Clear Lens	P2PLBR7L(S)**TL	557.00		
		Yellow LED / Yellow Lens	P2PLBR8L**TL	334.00		
	Integral LED, Test Lamp	** Please mention the voltage required after the ordering code				
HSN CODE : 85365010						



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Control & Signalling Devices 22.5 Ø

PLASTIC SERIES

PILOT LIGHTS					
	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs. WITH LED BULB	MOQ NOS.
	Pilot Light with LED Bulb				25 NOS.
	LED Bulb, BA9S type 24V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC	White LED Bulb / White Lens	P2PLB1LB(S)	461.00	
		Green LED Bulb / Green Lens	P2PLB3LB	233.00	
		Red LED Bulb / Red Lens	P2PLB4LB	233.00	
		Amber LED Bulb / Amber Lens	P2PLB5LB	233.00	
		Blue LED Bulb / Blue Lens	P2PLB6LB	493.00	
		White LED Bulb / Clear Lens	P2PLB7LB(S)	461.00	
		Yellow LED Bulb / Yellow Lens	P2PLB8LB	233.00	
LED Bulb	Please mention the voltage required after the ordering code				
	LED Bulb				
	Pri. Volt.	Sec Volt.	White LED Bulb / White Lens	P2PLBT1LB(S) XXX / YY	774.00
	110VAC	06	Green LED Bulb / Green Lens	P2PLBT3LB XXX / YY	551.00
	110VAC	12	Red LED Bulb / Red Lens	P2PLBT4LB XXX / YY	551.00
	110VAC	24	Amber LED Bulb / Amber Lens	P2PLBT5LB XXX / YY	551.00
	Pri. Volt.	Sec Volt.	Blue LED Bulb / Blue Lens	P2PLBT6LB XXX / YY	806.00
	240VAC	06	White LED Bulb / Clear Lens	P2PLBT7LB(S) XXX / YY	774.00
	240VAC	12	Yellow LED Bulb / Yellow Lens	P2PLBT8LB XXX / YY	551.00
	240VAC	24			
Connection with Transformer	XXX - Primary Voltage				
	YY - Secondary Voltage				
HSN CODE : 85365010					



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Control & Signalling Devices 22.5 Ø
PLASTIC SERIES

LED PILOT LIGHTS ECONOMY SERIES						
	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs. WITH LED BULB	MOQ NOS	
	Integral LED 6V, 12V, 24V, 48V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC	White LED / White Lens	3PLBR1L(S)	355.00	25 NOS.	
		Green LED / Green Lens	3PLBR3L	175.00		
		Red LED / Red Lens	3PLBR4L	175.00		
		Amber LED / Amber Lens	3PLBR5L	175.00		
		Blue LED / Blue Lens	3PLBR6L	488.00		
		White LED / Clear Lens	3PLBR7L(S)	355.00		
		Yellow LED / Yellow Lens	3PLBR8L	175.00		
	Please mention the voltage required after the ordering code					
	Integral LED,277VAC					25 NOS.
	Integral LED, 277VAC	White LED / White Lens	3PLBR1L(S)	400.00		
		Green LED / Green Lens	3PLBR3L	207.00		
		Red LED / Red Lens	3PLBR4L	207.00		
		Amber LED / Amber Lens	3PLBR5L	207.00		
		Blue LED / Blue Lens	3PLBR6L	530.00		
		White LED / Clear Lens	3PLBR7L(S)	400.00		
		Yellow LED / Yellow Lens	3PLBR8L	207.00		
Please mention the voltage required after the ordering code						
	Integral LED,UNIVERSAL					25 NOS.
	Integral LED, 24V upto 240V AC / DC	White LED / White Lens	3PLBR1LU(S)	456.00		
		Green LED / Green Lens	3PLBR3LU	292.00		
		Red LED / Red Lens	3PLBR4LU	292.00		
		Amber LED / Amber Lens	3PLBR5LU	292.00		
		Blue LED / Blue Lens	3PLBR6LU	605.00		
		White LED / Clear Lens	3PLBR7LU(S)	456.00		
		Yellow LED / Yellow Lens	3PLBR8LU	292.00		
Please mention the voltage required after the ordering code						
	Integral LED, Dual colour					25 NOS.
	24VAC	Green LED	3PLBR34L	297.00		
	110VAC	Red LED				
	230VAC	White Lens				
Please mention the voltage required after the ordering code						
	Integral LED with Buzzer					25 NOS.
	12VAC/DC	Red LED	3PLBR4LBZ	313.00		
	24VAC/DC					
	110VAC					
	230VAC					
Please mention the voltage required after the ordering code						
	Integral LED with Test Lamp					25 NOS.
	12VAC/DC	Red LED	3PLBR4LTL	276.00		
	24VAC/DC					
	110VAC					
	230VAC					
Please mention the voltage required after the ordering code						
	Integral LED with Built in Fuse					25 NOS.
	6V, 12V, 24V, 48V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC / 250VDC	White LED / White Lens	3PLBR1L(S)BF	366.00		
		Green LED / Green Lens	3PLBR3LBF	230.00		
		Red LED / Red Lens	3PLBR4LBF	230.00		
		Amber LED / Amber Lens	3PLBR5LBF	230.00		
		Blue LED / Blue Lens	3PLBR6LBF	475.00		
		White LED / Clear Lens	3PLBR7L(S)BF	366.00		
		Yellow LED / Yellow Lens	3PLBR8LBF	230.00		
Please mention the voltage required after the ordering code						
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HSN CODE : 85365010



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Control & Signalling Devices 22.5 Ø

PLASTIC SERIES

ENCAPSULATED LED PILOT LIGHTS ECONOMY SERIES					
	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs. WITH LED BULB	MOQ NOS.
	Integral LED 6V, 12V, 24V, 48V AC/DC, 110VAC, 110VDC, 230VAC, 220VDC	White LED / White Lens	3PLBREN1L(S)	573.00	5 NOS.
		Green LED / Green Lens	3PLBREN3L	435.00	
		Red LED / Red Lens	3PLBREN4L	435.00	
		Amber LED / Amber Lens	3PLBREN5L	435.00	
		Blue LED / Blue Lens	3PLBREN6L	700.00	
		White LED / Clear Lens	3PLBREN7L(S)	573.00	
		Yellow LED / Yellow Lens	3PLBREN8L	435.00	
	Please mention the voltage required after the ordering code				
HSN CODE : 85365010					

MONOBLOCK SERIES BATTERY INDICATOR					
	TYPE	COLOUR	ORDERING CODE	PRICE IN Rs. WITH LED BULB	MOQ NOS.
	Integral LED 5VDC				5 NOS.
		3-Green,4- Red,8-Yellow,LH1,C1	3PLBR348LH1C1-5VDC	585.00	
		3-Green,4- Red,8- Yellow,LH2,C1	3PLBR348LH2C1-5VDC	585.00	
		3-Green,4- Red,8- Yellow,LH1,C2	3PLBR348LH1C2-5VDC	585.00	
C1 Indicates AMP type of Connector & C2 Indicates DIN type Connector					
Supply with 2.5 mtr Cable and 2 pin AMP Connector					
HSN CODE : 85365010					



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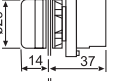
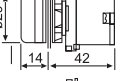
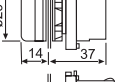
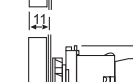
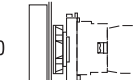
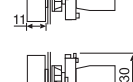
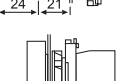
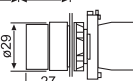
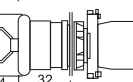
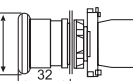
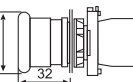
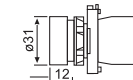
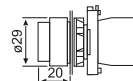
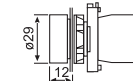
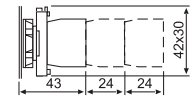
Control & Signalling Devices 22.5 Ø

PLASTIC SERIES

CONTACT ELEMENTS				
	TYPE	ORDERING CODE	PRICE IN Rs.	MOQ NOS.
	PANEL MOUNTING			50 NOS.
	NORMALLY OPEN (NO) SILVER CONTACT	S1	85.00	
	NORMALLY OPEN (NO) SILVER CONTACT (BREAK BEFORE MAKE)	S1S	85.00	
	NORMALLY OPEN (NO) SILVER CONTACT (MAKE BEFORE BREAK)	S1E	85.00	
	NORMALLY CLOSED (NC) SILVER CONTACT	S2	85.00	
	NORMALLY OPEN (NO) GOLD CONTACT	S3	228.00	
	NORMALLY CLOSED (NC) GOLD CONTACT	S4	228.00	
	BASE MOUNTING			50 NOS.
	NORMALLY OPEN (NO) SILVER CONTACT	S5	85.00	
	NORMALLY CLOSED (NC) SILVER CONTACT	S6	85.00	
	NORMALLY OPEN (NO) GOLD CONTACT	S7	228.00	
	NORMALLY CLOSED (NC) GOLD CONTACT	S8	228.00	
HSN CODE : 85365010				
ENCAPSULATED CONTACT ELEMENTS				
	TYPE	ORDERING CODE	PRICE IN Rs.	MOQ NOS.
	Ø22.5 SERIES ENCAPSULATED CONTACT BLOCK	REFER BELOW ITEM CODE AS PER REQUIREMENT	PRICES WILL BE ON QUOTE BASIS	
Complete model number	Complete Description			
2BRK1OSS-EN-A-OO2	Encapsulated Bracket with one S1 (NO), 0.5mm2 wire,200mm			
2BRK01SS-EN-A-OO2	Encapsulated Bracket with one S2 (NC), 0.5mm2 wire,200mm			
2BRK2OSS-EN-A-OO2	Encapsulated Bracket with two S1 (NO), 0.5mm2 wire,200mm			
2BRK02SS-EN-A-OO2	Encapsulated Bracket with two S2 (NC), 0.5mm2 wire,200mm			
2BRK11SS-EN-A-OO2	Encapsulated Bracket with one S1 (NO) one S2 (NC), 0.5mm2 wire,200mm			
2BRK10GG-EN-A-OO2	Encapsulated Bracket with one S3 (NO) gold, 0.5mm2 wire,200mm			
2BRK01SG-EN-A-OO2	Encapsulated Bracket with one S4 (NC) gold, 0.5mm2 wire,200mm			
2BRK20GS-EN-A-OO2	Encapsulated Bracket with two S3 (NO) gold, 0.5mm2 wire,200mm			
2BRK02SG-EN-A-OO4	Encapsulated Bracket with two S4 (NC) gold, 0.5mm2 wire,400mm			
2BRK11GG-EN-A-OO2	Encapsulated Bracket with one S3 (NO) one S4 (NC) gold, 0.5mm2 wire,200mm			
2BRK11GS-EN-A-OO2	Encapsulated Bracket with one S3 (NO) one S2 (NC), 0.5mm2 wire,200mm			
2BRK11SG-EN-A-OO2	Encapsulated Bracket with one S1 (NO) one S4 (NC), 0.5mm2 wire,200mm			
2BRK02SG-EN-A-OO2	Encapsulated Bracket with two S4 (NC) gold, 0.5mm2 wire,200mm			

Common types of control and signalling devices Ø 22.5 P series

Description	Type of Actuator or Lense Assembly	Colour of Actuator or Lense	Contact Elements NO = S1 NC = S2 or Lamp Holder	Type of complete Control or Signalling Device
Flush Pushbutton	P2AF3	Green	1NO	P2PSF310
	P2AF8	Yellow	2NO+1NC	P2PSF821
Projecting Pushbutton	P2AP2	Black	2NC	P2PSP202
	P2AP4	Red	3NO+3NC	P2PSP433
Booted Pushbutton	P2AB3BT7	Green	2NO	P2PSB3BT720
	P2AB4BT7	Red	2NC	P2PSB4BT702
Mushroom Pushbutton Spring return	P2AM2	Black	1NO+1NC	P2PSM211
	P2AM4	Red	1NC	P2PSM401
Mushroom Pushbutton latching turn to release	P2AML2	Black	1NC	P2PSML201
	P2AML4	Red	2NO+2NC	P2PSML422
Mushroom Pushbutton latching, key to release	P2AMLKB4	Red	1NO+1NC	P2PSMLKB411
Selector Actuator(2 Pos)	P2AS2-2P	Black	1NO	P2PSS210-2P
Selector Actuator(3 Pos)	P2AS2-3P	Black	1NO+1NC	P2PSS211-3P
Key Actuator (2 Pos), key removable in both positions Key Actuator (3 Pos), key removable in left & right positions	P2AK2-2PB		1NO	P2PSK210-2PB
	P2AK2-3PB		1NO+1NC	P2PSK211-3PB
Twin Pushbutton marked "I O"	P2ATF2-F4-IO	Flush-Black	1 NO	P2PSTF210-F401-IO
Flush - Flush		Flush-Red	1 NC	
Twin Pushbutton not marked	P2ATF3-P4	Flush-Green	1NO+1NC	P2PSTF311-P411
Flush - Projecting		Proj-Red	1NO+1NC	
Flush Illuminated Pushbutton with integral LED for 24V DC Projecting Illuminated Pushbutton with integral LED for 230V AC	P2ALRF3L24DC	Green	1NO+1NC	P2PSLRF3L1124DC
	P2ALRP4L230AC	Red	1NO+1NC	P2PSLRP4L11230AC
Twin Luminous Pushbutton marked "I O" Flush - Flush direct connection (130V)	P2ATL3-F2 -F4 IO130	Lense-Green	1 NO + 1 NC 1 NC	P2PSTL3F211-F401-IO130
		Flush-Black		
Twin Luminous Pushbutton not marked Flush - Projecting with resistance and (230AC)	P2ATLR5-F3 -P4230	Lense-Amber	1 NO 1 NC	P2PSTLR5F310-P401 230
		Flush-Green		
Pilot Light for direct	P2PLLA3	Green	2LHB130	P2PLB3130
connection upto 130V	P2PLLA4	Red	2LHB130	P2PLB4130
Pilot Light through resistor and diode for 230 V AC. Bulb:130 V.	P2PLLA5	Amber	2LHBR230 AC	P2PLBR5230AC
	P2PLLA6	Blue	2LHBR230 AC	P2PLBR6230AC
Pilot Light with transformer for 230 V Bulb:24 V.	P2PLLA4	Red	2LHBT230/24	P2PLBT4230/24
	P2PLLA3	Green	2LHBT230/24	P2PLBT3230/24
Pilot Light with LED bulb for 110V AC Bulb: 110V	P2PLLA5	Amber	2LHLB110	P2PLB5LB110
Pilot light economy type with integral LED for 220 DC	—	White	—	3PLBR1L220DC





GENERAL TERMS AND CONDITIONS

General Terms : Prices are ex-works Mumbai
HSN CODE : 85365010 for all the products of this MRP List
GST : 18%

Prices are subject to revision without notice and ruling at the time of delivery.

This price list supersedes all previous Price Lists.

Warranty Policy : TEKNIC equipment is guaranteed under the following terms:

For a period of 12 months from the date of sale, TEKNIC guarantees that its products are free from defects in material and workmanship, with the exception of consumables rendered unserviceable through normal use. During the said period, TEKNIC will replace or repair all parts acknowledged as defective due to factory workmanship and which have been returned in a timely manner by Buyer to TEKNIC and all costs and duties paid, together with a detailed description of the failure and a certified declaration of the number of hours of operation. Repaired or replaced parts will be redelivered FCA (named place) as per INCOTERMS 2000. This warranty is subject to the provision of correct usage, proper maintenance and does not cover defects arising out of fire, faulty operation, accident, inefficient maintenance and willful or accidental damage.

TEKNIC guarantee applies to all equipment, parts and components stored, installed, protected, maintained and used in accordance with TEKNIC specifications and instructions, and respecting the rules for normal use, without any modification by Buyer.

All other conditions or warranties, whether express or implied, relating to the quality and operation of the equipment are excluded, as well as any liability for loss or damage caused directly or indirectly by the equipment or resulting from its use.

Proof of purchase to be provided to avail warranty.

TEKNIC ELECTRIC (I) PVT. LTD.

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