

# TEKNIC



Control and Signaling Devices Ø 22.5 Metal Series



## Control and signalling devices Ø 22.5

### Salient features

This range of Ø 22.5 pushbuttons, selector switches, illuminated switches, illuminated selector switches and pilot lights have been designed to provide the following salient features:

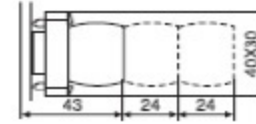
- Economy of space
- Aesthetically elegant
- SELF WIPING CONTACT
- Robust in materials of construction
- Simple to fix - screw driver is all that required
- Safe in operation
- Fixing method unaffected by excessive vibration-unit does not rotate
- Very good flame resistance
- Protection against electric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

### Actuators

The circular actuators have chrome plated metal bezels, and are 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 follow :

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 built in transformers suitable for operating at 230, 110 volts AC input and 6V, 12V and 24V output.

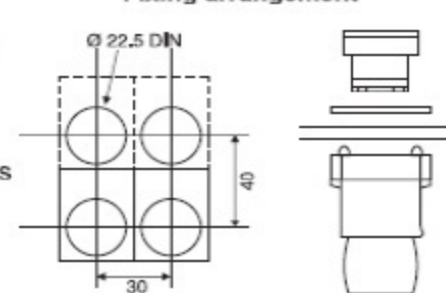
### Terminals

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

### Fixing

The control devices Ø 22.5 can be fixed in any position on panels of 1 to 6 mm thickness. We recommend minimum fixing centers of 30 mm 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 to the holding bracket using a bayonet type of fixing which enables a simple and fast assembly. The complete assembly is locked into position on the panel by two M4 pointed screws on the bracket, tightened equally from the rear. The screws should be tightened adequately to such an extent as to pierce through the paint on the panel from inside. These screws also ensure the earthing of the unit.

### Fixing arrangement



### Electrical and mechanical characteristics

#### Environment

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

#### 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 : AC 15 4 A, 415V AC  
 As per IEC 947 - 5 - (1) 1990 : DC 13 0.5 A, 110V DC

As per CSA - C22.2 No. 14-95, UL508,

Terminal capacity : A 600 Q600  
 Terminal marking : minimum 1 x 0.5 mm<sup>2</sup>, maximum 2 x 1.5 mm<sup>2</sup> or 1 x 2.5 mm<sup>2</sup>  
 Short circuit protection : 1-2 for NC, 3-4 for NO  
 Mechanical life : 10 A cartridge fuse HRC type, rated for resistive loading  
 Electric rating : Over 1 million operations

Electric rating (for 1 million operation cycles, operation at 3600 cycles per hour, load factor 0.5)	AC 15	V	24	120	230	DC 13	V	24	110
		A	5	4	3		A	0.5	0.2

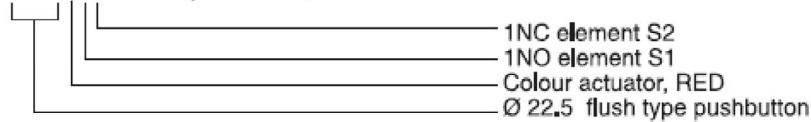
#### Modules for pilot light & illuminated switches with integral LED / multichip LED bulb (BA9S cap)

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 mm<sup>2</sup>, max. 2 x 1.5 mm<sup>2</sup> or 1 x 2.5 mm<sup>2</sup>

## Control and signalling devices Ø 22.5

### Ordering instructions

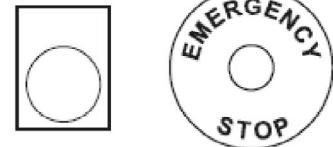
- Actuators, illuminated actuators, contact elements, lense assemblies & pilot lights can all be ordered separately or in combination.
- The type numbers of contact elements are : NO: Actuator mounting : S1, S3 Note:  
Individual mounting : S5, S7 S3, S4, S7, S8 are gold plated contacts  
NC: Actuator mounting : S2, S4 suitable for low voltage, low current  
Individual mounting : S6, S8 switching circuits < 25 mA
- Some examples of type numbers:  
Actuator : Type 2AF3 is flush actuator, GREEN  
Pilot light : Type 2PLB4 is pilot light without series resistor, RED  
Complete pushbutton : Type 2PSF411 is flush pushbutton, RED, with 1NO+1NC contact elements



### 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

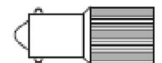
Voltage	: 6	12	24	30	48	60	130
Watts	: 1	2	2	2	2	2	2,6



#### LED bulb

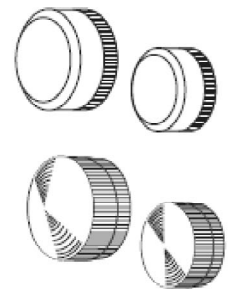
LED multichip bulb type BA9S, OAL 28mm

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	Green	Red	Amber	Blue	Clear	Yellow
		White						
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



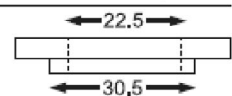
#### Push Push mechanism for converting spring return actuator into stay put type

Type No.: 2PPM



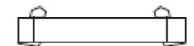
#### Adaptor for fixing Ø 22.5 devices in Ø 30.5 cutout.

Type No. : 2ADP



#### Fixing flange

Type No. : 2BRK



#### Padlock

For mushroom actuator : type no. 2PAM

For projecting actuator : type no. 2PAP



#### Boots for booted actuators

Colour of Boot	: Black	Green	Red	Blue	Yellow
Type No	: 2BT2	2BT3	2BT4	2BT6	2BT8



#### Boot for non ill. flush actuator

Colour of Boot	: Clear
Type No	: 2BT7



#### Boot for flush / proj. ill actuator

Colour of Boot	: Clear
Type No	: 2ALBT7



#### Boot for twin actuator

Colour of Boot	: Clear
Type No	: 2ATBT7



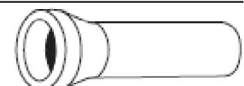
#### Boot for twin ill. actuator

Colour of Boot	: Clear
Type No	: 2ATLBT7



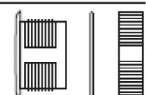
#### Bulb extractor

Type No. : 2BA9SE



#### Blanking plug for Ø 22.5 hole, black

Type No. : 2BP2









# TEKNIC

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## Control & Signalling Devices 22.5 Ø METALLIC SERIES






### MOMENTARY ACTUATORS

	TYPE	COLOUR	ORDERING CODE	Price in Rs.
		White	2AF1	60.00
	Flush	Black	2AF2	60.00
		Green	2AF3	60.00
		Red	2AF4	60.00
		Blue	2AF6	60.00
		Yellow	2AF8	60.00
	Flush with arrow marking	White	2AF1BA	80.00
		Black	2AF2WA	80.00
	Projecting	White	2AP1	60.00
		Black	2AP2	60.00
		Green	2AP3	60.00
		Red	2AP4	60.00
		Blue	2AP6	60.00
		Yellow	2AP8	60.00
	Flush Relay Reset	White	2AF1RR	79.00
		Black	2AF2RR	79.00
		Green	2AF3RR	79.00
		Red	2AF4RR	79.00
		Blue	2AF6RR	79.00
		Yellow	2AF8RR	79.00
	Recess head	White	2AF1RH	96.00
		Black	2AF2RH	96.00
		Green	2AF3RH	96.00
		Red	2AF4RH	96.00
		Blue	2AF6RH	96.00
		Yellow	2AF8RH	96.00
	Booted	Black	2AB2	99.00
		Green	2AB3	99.00
		Red	2AB4	99.00
		Blue	2AB6	99.00
		Yellow	2AB8	99.00

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MRP w.e.f. 01.01.2021






Control & Signalling Devices 22.5 Ø  
METALLIC SERIES

MUSHROOM ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
		Black	2AM2	97.00
	Momentary Ø 40mm	Green	2AM3	97.00
		Red	2AM4	97.00
		Blue	2AM6	97.00
		Yellow	2AM8	97.00
	Latching Ø 30mm	Black	2AMLS2	135.00
		Red	2AMLS4	135.00
	Latching Ø 40mm	Black	2AML2	135.00
		Red	2AML4	135.00
	Push-Pull Ø 40mm	Black	2AMPP2	135.00
		Red	2AMPP4	135.00
	Latching with Key Ø 40mm	Black	2AMLKB2	271.00
		Red	2AMLKB4	271.00

# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
METALLIC SERIES









MUSHROOM ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
	Latching Trigger	Black	2AMLT2	201.00
	Ø 40mm	Red	2AMLT4	201.00
	Latching Trigger	Black	2AMLTKB2	337.00
	with key Ø 40mm	Red	2AMLTKB4	337.00
	Latching	Black	2AMLJ2	175.00
	Ø 60mm	Red	2AMLJ4	175.00
	Push-Pull	Black	2AMPPJ2	175.00
	Ø 60mm	Red	2AMPPJ4	175.00
		Black	2AMJ2	134.00
	Momentary	Green	2AMJ3	134.00
	Ø 60mm	Red	2AMJ4	134.00
		Blue	2AMJ6	134.00
		Yellow	2AMJ8	134.00

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Control & Signalling Devices 22.5 Ø  
METALLIC SERIES

## SELECTOR ACTUATORS

	TYPE		COLOUR	ORDERING CODE	Price in Rs.
	SELECTOR				
	2 position LATCHING		Black	2AS2-2P	187.00
	With ext. knob			2AS2E-2P	187.00
	2 position MOMENTARY		Black	2AS2-2PSR	187.00
	With ext. knob			2AS2E-2PSR	187.00
	3 position STAY PUT		Black	2AS2-3P	187.00
	With ext. knob			2AS2E-3P	187.00
	3 position MOMENTARY on both sides		Black	2AS2-3PSR	204.00
	With ext. knob			2AS2E-3PSR	204.00
	3 position MOMENTARY on right		Black	2AS2-3PSRR	204.00
	With ext. knob			2AS2E-3PSRR	204.00
	3 position MOMENTARY on left		Black	2AS2-3PSRL	204.00
	With ext. knob			2AS2E-3PSRL	204.00

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Control & Signalling Devices 22.5 Ø  
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## KEY SELECTOR




	TYPE		COLOUR	ORDERING CODE	Price in Rs.
	Key Selector				
	2 POSITION		Black	2AK2-2PB	260.00
	Stayput				
				2AK2-2PO	260.00
				2AK2-2PI	260.00
	Spring Return		Black	2AK2-2POSR	260.00
	3 POSITION		Black	2AK2-3PA	271.00
	Stayput				
				2AK2-3PB	271.00
				2AK2-3PC	271.00
	Spring Return		Black	2AK2-3PSR	271.00
	Spring Return		Black	2AK2-3PSRR	271.00
	right to centre				
	Spring Return		Black	2AK2-3PSRL	271.00
	left to centre				
* X stands for position in which key is removable					



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Control & Signalling Devices 22.5 Ø  
METALLIC SERIES

TWIN ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
		Green Red	2ATF3F4	117.00
	Double Flush w/o IO Mark	Yellow Black	2ATF8F2	117.00
		Green Red	2ATF3F4(IO)	117.00
	Double Flush with IO Mark	Yellow Black	2ATF8F2(IO)	117.00
		Green Red	2ATF3P4	117.00
	1 Flush, 1 Projecting w/o IO Mark	Yellow Black	2ATF8P2	117.00
		Green Red	2ATF3P4(IO)	117.00
	1 Flush, 1 Projecting with IO Mark	Yellow Black	2ATF8P2(IO)	117.00





# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø

METALLIC SERIES




## ILLUMINATED ACTUATOR WITH FILAMENT BULB

	TYPE	COLOUR	ORDERING CODE	Price in Rs.with bulb
	<b>Illuminated Flush, Momentary</b>			
		White	2ALF1	162.00
	Filament Bulb	Green	2ALF3	162.00
	6V to 130V AC/DC	Red	2ALF4	162.00
		Amber	2ALF5	162.00
		Blue	2ALF6	162.00
		Clear	2ALF7	162.00
		Yellow	2ALF8	162.00
	<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>		
		White	2ALRF1	170.00
	Filament Bulb	Green	2ALRF3	170.00
	24V, 48V,110V and 230 V	Red	2ALRF4	170.00
	AC/DC	Amber	2ALRF5	170.00
		Blue	2ALRF6	170.00
		Clear	2ALRF7	170.00
		Yellow	2ALRF8	170.00
	<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>		
<b>Illuminated Projecting, Momentary</b>				
		White	2ALP1	162.00
	Filament Bulb	Green	2ALP3	162.00
	6V to 130V AC/DC with	Red	2ALP4	162.00
		Amber	2ALP5	162.00
		Blue	2ALP6	162.00
		Clear	2ALP7	162.00
		Yellow	2ALP8	162.00
	<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>		
		White	2ALRP1	170.00
	Filament Bulb	Green	2ALRP3	170.00
	24V, 48V,110V and 230 V	Red	2ALRP4	170.00
	AC/DC	Amber	2ALRP5	170.00
		Blue	2ALRP6	170.00
		Clear	2ALRP7	170.00
		Yellow	2ALRP8	170.00
	<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>		

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MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
METALLIC SERIES






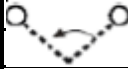


ILLUMINATED ACTUATOR WITH LED					
	TYPE	COLOUR	ORDERING CODE	Price in Rs. integral LED	Price in Rs. with LED bulb
<b>Illuminated Flush, Momentary</b>					
	Integral LED	White LED / White Lens	2ALRF1L(S)	348.00	
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	2ALRF3L	218.00	
	110VAC, 110VDC,	Red LED / Red Lens	2ALRF4L	218.00	
	230VAC, 220VDC	Amber LED / Amber Lens	2ALRF5L	218.00	
		Blue LED / Blue Lens	2ALRF6L	449.00	
		White LED / Clear Lens	2ALRF7L(S)	348.00	
		Yellow LED / Yellow Lens	2ALRF8L	218.00	
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				
	LED Bulb, BA9S type	White LED Bulb / White Lens	2ALF1LB(S)		398.00
	6V, 12V, 24V, 48V AC/DC	Green LED Bulb / Green Lens	2ALF3LB		217.00
	110VAC, 110VDC,	Red LED Bulb / Red Lens	2ALF4LB		217.00
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	2ALF5LB		217.00
		Blue LED Bulb / Blue Lens	2ALF6LB		421.00
		White LED Bulb / Clear Lens	2ALF7LB(S)		398.00
		Yellow LED Bulb / Yellow Lens	2ALF8LB		217.00
<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>				
	Integral LED	White LED / White Lens	2ALRF1L(S)F	348.00	
	24V, 110V, 230V, AC	Green LED / Green Lens	2ALRF3LF	218.00	
		Red LED / Red Lens	2ALRF4LF	218.00	
		Amber LED / Amber Lens	2ALRF5LF	218.00	
		Blue LED / Blue Lens	2ALRF6LF	449.00	
		White LED / Clear Lens	2ALRF7L(S)F	348.00	
		Yellow LED / Yellow Lens	2ALRF8LF	218.00	
<b>Flasher with Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				
<b>Illuminated Projection Actuator, Momentary</b>					
	Integral LED	White LED / White Lens	2ALRP1L(S)	348.00	
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	2ALRP3L	218.00	
	110VAC, 110VDC,	Red LED / Red Lens	2ALRP4L	218.00	
	230VAC, 220VDC	Amber LED / Amber Lens	2ALRP5L	218.00	
		Blue LED / Blue Lens	2ALRP6L	449.00	
		White LED / Clear Lens	2ALRP7L(S)	348.00	
		Yellow LED / Yellow Lens	2ALRP8L	218.00	
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				
	LED Bulb, BA9S type	White LED Bulb / White Lens	2ALP1LB(S)		398.00
	24V AC/DC,	Green LED Bulb / Green Lens	2ALP3LB		217.00
	110VAC, 110VDC	Red LED Bulb / Red Lens	2ALP4LB		217.00
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	2ALP5LB		217.00
		Blue LED Bulb / Blue Lens	2ALP6LB		421.00
		White LED Bulb / Clear Lens	2ALRP7L(S)		398.00
		Yellow LED Bulb / Yellow Lens	2ALP8LB		217.00
<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>				
	Integral LED	White LED / White Lens	2ALRP1LF(S)	348.00	
	24V, 110V, 230V, AC	Green LED / Green Lens	2ALRP3LF	218.00	
		Red LED / Red Lens	2ALRP4LF	218.00	
		Amber LED / Amber Lens	2ALRP5LF	218.00	
		Blue LED / Blue Lens	2ALRP6LF	449.00	
		White LED / Clear Lens	2ALRP7LF(S)	348.00	
		Yellow LED / Yellow Lens	2ALRP8LF	218.00	
<b>Flasher with Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				
<b>Illuminated latching type Push to ON &amp; Push to Release</b>					
	Integral LED	White LED / White Lens	2ALRPPP1L(S)	470.00	
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	2ALRPPP3L	340.00	
	110VAC, 110VDC,	Red LED / Red Lens	2ALRPPP4L	340.00	
	230VAC, 220VDC	Amber LED / Amber Lens	2ALRPPP5L	340.00	
		Blue LED / Blue Lens	2ALRPPP6L	570.00	
		White LED / Clear Lens	2ALRPPP7L(S)	470.00	
		Yellow LED / Yellow Lens	2ALRPPP8L	340.00	
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				

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MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø






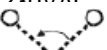


METALLIC SERIES

ILLUMINATED SELECTOR WITH FILAMENT BULB				
	TYPE	COLOUR	ORDERING CODE	Price in Rs. with bulb
	<b>2 Position Stayput illuminated selector actuator</b>			
		White	2ASL1-2P	290.00
	Filament bulb	Green	2ASL3-2P	290.00
	6V to 130V AC/DC	Red	2ASL4-2P	290.00
		Amber	2ASL5-2P	290.00
		Blue	2ASL6-2P	290.00
		Clear	2ASL7-2P	290.00
		Yellow	2ASL8-2P	290.00
	<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>		
		White	2ASLR1-2P	300.00
	Filament bulb	Green	2ASLR3-2P	300.00
	24V,48V,110V,230V AC/DC	Red	2ASLR4-2P	300.00
		Amber	2ASLR5-2P	300.00
		Blue	2ASLR6-2P	300.00
		Clear	2ASLR7-2P	300.00
		Yellow	2ASLR8-2P	300.00
	<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>		
		White	2ASL1-2PSR	290.00
	Filament bulb	Green	2ASL3-2PSR	290.00
	6V to 130V AC/DC	Red	2ASL4-2PSR	290.00
		Amber	2ASL5-2PSR	290.00
		Blue	2ASL6-2PSR	290.00
		Clear	2ASL7-2PSR	290.00
		Yellow	2ASL8-2PSR	290.00
	<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>		
		White	2ASLR1-2PSR	300.00
	Filament bulb	Green	2ASLR3-2PSR	300.00
	24 V,48V,110V,230V AC/DC	Red	2ASLR4-2PSR	300.00
		Amber	2ASLR5-2PSR	300.00
		Blue	2ASLR6-2PSR	300.00
		Clear	2ASLR7-2PSR	300.00
		Yellow	2ASLR8-2PSR	300.00
	<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>		

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MRP w.e.f. 01.01.2021





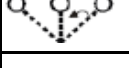





Control & Signalling Devices 22.5 Ø  
METALLIC SERIES

ILLUMINATED SELECTOR WITH LED						
	TYPE	COLOUR	ORDERING CODE	Price in Rs. with integral LED	Price in Rs. with LED bulb	
	<b>2 Position Illuminated Selector Actuator</b>					
	Integral LED	White LED / White Lens	2ASLR1L(S)-2P	457.00		
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	2ASLR3L-2P	345.00		
	110VAC, 110VDC,	Red LED / Red Lens	2ASLR4L-2P	345.00		
	230VAC, 220VDC	Amber LED / Amber Lens	2ASLR5L-2P	345.00		
			Blue LED / Blue Lens	2ASLR6L-2P	545.00	
			White LED / Clear Lens	2ASLR7L(S)-2P	457.00	
		Yellow LED / Yellow Lens	2ASLR8L-2P	345.00		
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>					
						
	LED Bulb, BA9S type	White LED Bulb / White Lens	2ASL1LB(S)-2P		526.00	
	24V AC/DC,	Green LED Bulb / Green Lens	2ASL3LB-2P		345.00	
	110VAC, 110VDC	Red LED Bulb / Red Lens	2ASL4LB-2P		345.00	
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	2ASL5LB-2P		345.00	
			Blue LED Bulb / Blue Lens	2ASL6LB-2P		548.00
			White LED Bulb/ Clear Lens	2ASL7LB(S)-2P		526.00
			Yellow LED Bulb / Yellow Lens	2ASL8LB-2P		345.00
<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>					
						
	Integral LED	White LED Bulb / White Lens	2ASLR1L(S)-2PSR	457.00		
	6V, 12V, 24V, 48V AC/DC	Green LED Bulb / Green Lens	2ASLR3L-2PSR	345.00		
	110VAC, 110VDC,	Red LED Bulb / Red Lens	2ASLR4L-2PSR	345.00		
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	2ASLR5L-2PSR	345.00		
			Blue LED Bulb / Blue Lens	2ASLR6L-2PSR	545.00	
			White LED Bulb/ Clear Lens	2ASLR7L(S)-2PSR	457.00	
			Yellow LED Bulb / Yellow Lens	2ASLR8L-2PSR	345.00	
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>					
						
	LED Bulb, BA9S type	White LED Bulb / White Lens	2ASL1LB(S)-2PSR		526.00	
	24V AC/DC,	Green LED Bulb / Green Lens	2ASL3LB-2PSR		345.00	
	110VAC, 110VDC	Red LED Bulb / Red Lens	2ASL4LB-2PSR		345.00	
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	2ASL5LB-2PSR		345.00	
			Blue LED Bulb / Blue Lens	2ASL6LB-2PSR		548.00
			White LED Bulb/ Clear Lens	2ASL7LB(S)-2PSR		526.00
			Yellow LED Bulb / Yellow Lens	2ASL8LB-2PSR		345.00
<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>					

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MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
METALLIC SERIES



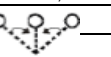
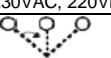



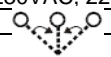
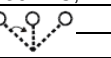
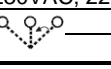
ILLUMINATED SELECTOR WITH FILAMENT BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs. with bulb	
	<b>3 Position illuminated selector actuator</b>				
		White	2ASL1-3P	304.00	
	Stayput	Green	2ASL3-3P	304.00	
	Filament bulb	Red	2ASL4-3P	304.00	
	6V to 130V AC/DC	Amber	2ASL5-3P	304.00	
		Blue	2ASL6-3P	304.00	
		Clear	2ASL7-3P	304.00	
		Yellow	2ASL8-3P	304.00	
	Please mention the voltage required after the ordering code				
		White	2ASL1-3PSR	314.00	
	Momentary	Green	2ASL3-3PSR	314.00	
	Filament bulb	Red	2ASL4-3PSR	314.00	
	6V to 130V AC/DC	Amber	2ASL5-3PSR	314.00	
		Blue	2ASL6-3PSR	314.00	
		Clear	2ASL7-3PSR	314.00	
		Yellow	2ASL8-3PSR	314.00	
	Please mention the voltage required after the ordering code				
		White	2ASL1-3PSRL	314.00	
	Stayput / Momentary	Green	2ASL3-3PSRL	314.00	
	Filament bulb	Red	2ASL4-3PSRL	314.00	
	6V to 130V AC/DC	Amber	2ASL5-3PSRL	314.00	
		Blue	2ASL6-3PSRL	314.00	
		Clear	2ASL7-3PSRL	314.00	
		Yellow	2ASL8-3PSRL	314.00	
	Please mention the voltage required after the ordering code				
		White	2ASL1-3PSRR	314.00	
	Stayput / Momentary	Green	2ASL3-3PSRR	314.00	
	Filament bulb	Red	2ASL4-3PSRR	314.00	
6V to 130V AC/DC	Amber	2ASL5-3PSRR	314.00		
	Blue	2ASL6-3PSRR	314.00		
	Clear	2ASL7-3PSRR	314.00		
	Yellow	2ASL8-3PSRR	314.00		
Please mention the voltage required after the ordering code					
Direct Connection	Please mention the voltage required after the ordering code				
	<b>3 Position illuminated selector actuator</b>				
		White	2ASLR1-3P	316.00	
	Stayput	Green	2ASLR3-3P	316.00	
	Filament bulb	Red	2ASLR4-3P	316.00	
	24 V,48V,110V,230V AC/DC	Amber	2ASLR5-3P	316.00	
		Blue	2ASLR6-3P	316.00	
		Clear	2ASLR7-3P	316.00	
		Yellow	2ASLR8-3P	316.00	
	Please mention the voltage required after the ordering code				
		White	2ASLR1-3PSR	325.00	
	Momentary	Green	2ASLR3-3PSR	325.00	
	Filament bulb	Red	2ASLR4-3PSR	325.00	
	24 V,48V,110V,230V AC/DC	Amber	2ASLR5-3PSR	325.00	
		Blue	2ASLR6-3PSR	325.00	
		Clear	2ASLR7-3PSR	325.00	
		Yellow	2ASLR8-3PSR	325.00	
	Please mention the voltage required after the ordering code				
		White	2ASLR1-3PSRL	325.00	
	Stayput / Momentary	Green	2ASLR3-3PSRL	325.00	
	Filament bulb	Red	2ASLR4-3PSRL	325.00	
	24 V,48V,110V,230V AC/DC	Amber	2ASLR5-3PSRL	325.00	
		Blue	2ASLR6-3PSRL	325.00	
		Clear	2ASLR7-3PSRL	325.00	
		Yellow	2ASLR8-3PSRL	325.00	
	Please mention the voltage required after the ordering code				
		White	2ASLR1-3PSRR	325.00	
	Stayput / Momentary	Green	2ASLR3-3PSRR	325.00	
	Filament bulb	Red	2ASLR4-3PSRR	325.00	
24 V,48V,110V,230V AC/DC	Amber	2ASLR5-3PSRR	325.00		
	Blue	2ASLR6-3PSRR	325.00		
	Clear	2ASLR7-3PSRR	325.00		
	Yellow	2ASLR8-3PSRR	325.00		
Please mention the voltage required after the ordering code					
Connection with Resistor	Please mention the voltage required after the ordering code				

# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
METALLIC SERIES




## ILLUMINATED SELECTOR WITH LED

	TYPE	COLOUR	ORDERING CODE	Price in Rs. with integral LED	Price in Rs. with LED bulb	
	<b>3 Position illuminated selector actuator with Integral LED</b>					
	Stayput	White LED / White Lens	2ASLR1L(S)-3P	471.00		
	Integral LED	Green LED / Green Lens	2ASLR3L-3P	362.00		
	6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	2ASLR4L-3P	362.00		
	110VAC, 110VDC,	Amber LED / Amber Lens	2ASLR5L-3P	362.00		
	230VAC, 220VDC	Blue LED / Blue Lens	2ASLR6L-3P	557.00		
		White LED / Clear Lens	2ASLR7L(S)-3P	471.00		
		Yellow LED / Yellow Lens	2ASLR8L-3P	362.00		
	<b>Please mention the voltage required after the ordering code</b>					
	Momentary	White LED / White Lens	2ASLR1L(S)-3PSR	480.00		
	Integral LED	Green LED / Green Lens	2ASLR3L-3PSR	372.00		
	6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	2ASLR4L-3PSR	372.00		
	110VAC, 110VDC,	Amber LED / Amber Lens	2ASLR5L-3PSR	372.00		
	230VAC, 220VDC	Blue LED / Blue Lens	2ASLR6L-3PSR	563.00		
		White LED / Clear Lens	2ASLR7L(S)-3PSR	480.00		
		Yellow LED / Yellow Lens	2ASLR8L-3PSR	372.00		
	<b>Please mention the voltage required after the ordering code</b>					
	Stayput / Momentary	White LED / White Lens	2ASLR1L(S)-3PSRL	480.00		
	Integral LED	Green LED / Green Lens	2ASLR3L-3PSRL	372.00		
	6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	2ASLR4L-3PSRL	372.00		
	110VAC, 110VDC,	Amber LED / Amber Lens	2ASLR5L-3PSRL	372.00		
	230VAC, 220VDC	Blue LED / Blue Lens	2ASLR6L-3PSRL	563.00		
		White LED / Clear Lens	2ASLR7L(S)-3PSRL	480.00		
		Yellow LED / Yellow Lens	2ASLR8L-3PSRL	372.00		
	<b>Please mention the voltage required after the ordering code</b>					
	Stayput / Momentary	White LED / White Lens	2ASLR1L(S)-3PSRR	480.00		
	Integral LED	Green LED / Green Lens	2ASLR3L-3PSRR	372.00		
	6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	2ASLR4L-3PSRR	372.00		
110VAC, 110VDC,	Amber LED / Amber Lens	2ASLR5L-3PSRR	372.00			
230VAC, 220VDC	Blue LED / Blue Lens	2ASLR6L-3PSRR	563.00			
	White LED / Clear Lens	2ASLR7L(S)-3PSRR	480.00			
	Yellow LED / Yellow Lens	2ASLR8L-3PSRR	372.00			
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>					
	<b>3 Position illuminated selector actuator with LED Bulb</b>					
	Stayput	White LED Bulb / White Lens	2ASL1LB(S)-3P		540.00	
	LED Bulb, BA9S type	Green LED Bulb / Green Lens	2ASL3LB-3P		360.00	
	24V AC/DC,	Red LED Bulb / Red Lens	2ASL4LB-3P		360.00	
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	2ASL5LB-3P		360.00	
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	2ASL6LB-3P		563.00	
		White LED Bulb/ Clear Lens	2ASL7LB(S)-3P		540.00	
		Yellow LED Bulb / Yellow Lens	2ASL8LB-3P		360.00	
	<b>Please mention the voltage required after the ordering code</b>					
	Momentary	White LED Bulb / White Lens	2ASL1LB(S)-3PSR		550.00	
	LED Bulb, BA9S type	Green LED Bulb / Green Lens	2ASL3LB-3PSR		369.00	
	24V AC/DC,	Red LED Bulb / Red Lens	2ASL4LB-3PSR		369.00	
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	2ASL5LB-3PSR		369.00	
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	2ASL6LB-3PSR		573.00	
		White LED Bulb/ Clear Lens	2ASL7LB(S)-3PSR		550.00	
		Yellow LED Bulb / Yellow Lens	2ASL8LB-3PSR		369.00	
	<b>Please mention the voltage required after the ordering code</b>					
	Stayput / Momentary	White LED Bulb / White Lens	2ASL1LB(S)-3PSRL		550.00	
	LED Bulb, BA9S type	Green LED Bulb / Green Lens	2ASL3LB-3PSRL		369.00	
	24V AC/DC,	Red LED Bulb / Red Lens	2ASL4LB-3PSRL		369.00	
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	2ASL5LB-3PSRL		369.00	
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	2ASL6LB-3PSRL		573.00	
		White LED Bulb/ Clear Lens	2ASL7LB(S)-3PSRL		550.00	
		Yellow LED Bulb / Yellow Lens	2ASL8LB-3PSRL		369.00	
	<b>Please mention the voltage required after the ordering code</b>					
	Stayput / Momentary	White LED Bulb / White Lens	2ASL1LB(S)-3PSRR		550.00	
	LED Bulb, BA9S type	Green LED Bulb / Green Lens	2ASL3LB-3PSRR		369.00	
	24V AC/DC,	Red LED Bulb / Red Lens	2ASL4LB-3PSRR		369.00	
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	2ASL5LB-3PSRR		369.00	
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	2ASL6LB-3PSRR		573.00	
		White LED Bulb/ Clear Lens	2ASL7LB(S)-3PSRR		550.00	
		Yellow LED Bulb / Yellow Lens	2ASL8LB-3PSRR		369.00	
<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>					

# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
METALLIC SERIES

PILOT LIGHTS WITH BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs. with bulb	
	<b>Pilot Light</b>				
		White	2PLB1	132.00	
	Filament Bulb	Green	2PLB3	132.00	
	6V to 130V AC/DC	Red	2PLB4	132.00	
		Amber	2PLB5	132.00	
		Blue	2PLB6	132.00	
		Clear	2PLB7	132.00	
		Yellow	2PLB8	132.00	
	<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>			
		White	2PLBR1	142.00	
	Filament Bulb	Green	2PLBR3	142.00	
	24V,48V,110V, 230V, AC/DC	Red	2PLBR4	142.00	
		Amber	2PLBR5	142.00	
		Blue	2PLBR6	142.00	
		Clear	2PLBR7	142.00	
		Yellow	2PLBR8	142.00	
	<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>			
	Filament Bulb				
	Primary volt.	Sec. Volt.	White	2PLBT1XX/YYY	356.00
	110 VAC	6	Green	2PLBT3XX/YYY	356.00
	110 VAC	12	Red	2PLBT4XX/YYY	356.00
	110 VAC	24	Amber	2PLBT5XX/YYY	356.00
	Primary volt.	Sec. Volt.	Blue	2PLBT6XX/YYY	356.00
	240 VAC	6	Clear	2PLBT7XX/YYY	356.00
	240 VAC	12	Yellow	2PLBT8XX/YYY	356.00
	240 VAC	24			
	<b>Connection with Transformer</b>	<b>XX - Primary Voltage YYY - Secondary Voltage</b>			



# TEKNIC

MRP w.e.f. 01.01.2021  
Control & Signalling Devices 22.5 Ø  
METALLIC SERIES





PILOT LIGHTS					
	Type	COLOUR	ORDERING CODE	Price in Rs. integral LED	Price in Rs. with LED bulb
	<b>Pilot Light with Integral LED</b>				
	Integral LED	White LED / White Lens	2PLBR1L(S)	323.00	
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	2PLBR3L	190.00	
	110VAC, 110VDC,	Red LED / Red Lens	2PLBR4L	190.00	
	230VAC, 220VDC	Amber LED / Amber Lens	2PLBR5L	190.00	
		Blue LED / Blue Lens	2PLBR6L	431.00	
		White LED / Clear Lens	2PLBR7L(S)	323.00	
		Yellow LED / Yellow Lens	2PLBR8L	190.00	
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				
	Integral LED, Flasher	White LED / White Lens	2PLBR1LF(S)	323.00	
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	2PLBR3LF	190.00	
	110VAC, 110VDC,	Red LED / Red Lens	2PLBR4LF	190.00	
	230VAC, 220VDC	Amber LED / Amber Lens	2PLBR5LF	190.00	
		Blue LED / Blue Lens	2PLBR6LF	431.00	
		White LED / Clear Lens	2PLBR7LF(S)	323.00	
		Yellow LED / Yellow Lens	2PLBR8LF	190.00	
	<b>Flasher</b>	<b>Please mention the voltage required after the ordering code</b>			
	Integral LED, Universal	White LED / White Lens	2PLBR1LU(S)	445.00	
	24V upto 240V AC / DC	Green LED / Green Lens	2PLBR3LU	332.00	
		Red LED / Red Lens	2PLBR4LU	332.00	
		Amber LED / Amber Lens	2PLBR5LU	332.00	
		Blue LED / Blue Lens	2PLBR6LU	534.00	
		White LED / Clear Lens	2PLBR7LU(S)	445.00	
		Yellow LED / Yellow Lens	2PLBR8LU	332.00	
	<b>Universal</b>	<b>Please mention the voltage required after the ordering code</b>			
	Integral LED	White LED / White Lens	2PLBR1L(S)	370.00	
	415VAC	Green LED / Green Lens	2PLBR3L	237.00	
		Red LED / Red Lens	2PLBR4L	237.00	
		Amber LED / Amber Lens	2PLBR5L	237.00	
		Blue LED / Blue Lens	2PLBR6L	475.00	
		White LED / Clear Lens	2PLBR7L(S)	370.00	
		Yellow LED / Yellow Lens	2PLBR8L	237.00	
	<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>			
<b>Pilot Light with LED Bulb</b>					
	LED Bulb, BA9S type	White LED Bulb / White Lens	2PLB1LB(S)		367.00
	24V AC/DC,	Green LED Bulb / Green Lens	2PLB3LB		187.00
	110VAC, 110VDC	Red LED Bulb / Red Lens	2PLB4LB		187.00
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	2PLB5LB		187.00
		Blue LED Bulb / Blue Lens	2PLB6LB		390.00
		White LED Bulb / Clear Lens	2PLB7LB(S)		367.00
		Yellow LED Bulb / Yellow Lens	2PLB8LB		187.00
	<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>			
	LED Bulb, BA9S type				
	Primary volt. Sec. Volt.	White LED Bulb / White Lens	2PLBT1LB(S)XX / YYY		595.00
	110 VAC 6	Green LED Bulb / Green Lens	2PLBT3LBXX / YYY		415.00
	110 VAC 12	Red LED Bulb / Red Lens	2PLBT4LBXX / YYY		415.00
	110 VAC 24	Amber LED Bulb / Amber Lens	2PLBT5LBX X / YYY		415.00
	Primary volt. Sec. Volt.	Blue LED Bulb / Blue Lens	2PLBT6LBXX / YYY		615.00
	240 VAC 6	White LED Bulb / Clear Lens	2PLBT7LB(S)XX / YYY		595.00
	240 VAC 12	Yellow LED Bulb / Yellow Lens	2PLBT8LBXX / YYY		415.00
	240 VAC 24				
	<b>Connection with Transformer</b>	<b>XX - Primary Voltage YYY - Secondary Voltage</b>			

# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø





METALLIC SERIES

TWIN ILLUMINATED WITH BULB				
	Type	COLOUR	ORDERING CODE	Price in Rs. with bulb
<b>Twin Illuminated 1 Flush, 1 Projecting, (IO) Mark</b>				
	Filament bulb	Red button	2ATL5F3P4 (IO)	222.00
	6V to 130V AC/DC	Green button		
		Amber lens		
<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>			
	Filament bulb	Red button	2ATLR5F3P4 (IO)	230.00
	24 V,48V,110V,230V AC/DC	Green button		
		Amber lens		
<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>			
<b>Twin Illuminated Double Flush, (IO) Mark</b>				
	Filament bulb	Red button	2ATL5F3F4 (IO)	222.00
	6V to 130V AC/DC	Green button		
		Amber lens		
<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>			
	Filament bulb	Red button	2ATLR5F3F4 (IO)	230.00
	24 V,48V,110V,230V AC/DC	Green button		
		Amber lens		
<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>			

# TEKNIC

MRP w.e.f. 01.01.2021





Control & Signalling Devices 22.5 Ø  
METALLIC SERIES

TWIN ILLUMINATED WITH LED					
	TYPE	COLOUR	ORDERING CODE	Price in Rs. with integral LED	Price in Rs. with LED bulb
	<b>Twin Illuminated 1 Flush, 1 Projecting (IO) Mark</b>				
	Integral LED	Green	2ATLR5LF3P4 (IO)	277.00	
	6V, 12V, 24V, 48V AC/DC	Red			
	110VAC, 110VDC, 230VAC, 220VDC	Amber lens			
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				
	LED Bulb,BA9S type	Green	2ATL5LBF3P4 (IO)		277.00
	24V AC/DC,	Red			
	110VAC, 110VDC 230VAC, 220VDC	Amber lens			
<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>				
<b>Twin Illuminated Double Flush, (IO) Mark</b>					
	Integral LED	Green	2ATLR5LF3F4 (IO)	277.00	
	6V, 12V, 24V, 48V AC/DC	Red			
	110VAC, 110VDC, 230VAC, 220VDC	Amber lens			
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				
	LED Bulb,BA9S type	Green	2ATL5LBF3F4 (IO)		277.00
	24V AC/DC,	Red			
	110VAC, 110VDC 230VAC, 220VDC	Amber lens			
<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>				

# TEKNIC

MRP w.e.f. 01.01.2021





Control & Signalling Devices 22.5 Ø  
METALLIC SERIES

ILLUMINATED MUSHROOM WITH BULB				
	TYPE	COLOUR	ORDERING CODE	Price in Rs. with bulb
	<b>Illuminated Mushroom, Momentary</b>			
	Filament bulb 6V to 130V AC/DC	Red	2ALM4	300.00
<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>			
	Filament bulb 24 V,48V,110V,230V AC/DC	Red	2ALRM4	310.00
<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>			
<b>Illuminated Mushroom, Push Pull</b>				
	Filament bulb 6V to 130V AC/DC	Red	2ALMPP4	350.00
<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>			
	Filament bulb 24 V,48V,110V,230V AC/DC	Red	2ALRMPP4	360.00
<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>			

# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
METALLIC SERIES

ILLUMINATED MUSHROOM WITH LED					
	TYPE	COLOUR	ORDERING CODE	Price in Rs. Integral LED	Price in Rs. with LED bulb
	Integral LED	Red	2ALRM4L	356.00	
	6V, 12V, 24V, 48V AC/DC				
	110VAC, 110VDC,				
	230VAC, 220VDC				
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				
	LED Bulb, BA9S type	Red	2ALM4LB		356.00
	24V AC/DC,				
	110VAC, 110VDC				
	230VAC, 220VDC				
<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>				
<b>Illuminated Mushroom, Push Pull</b>					
	Integral LED	Red	2ALRMPP4L	396.00	
	6V, 12V, 24V, 48V AC/DC				
	110VAC, 110VDC,				
	230VAC, 220VDC				
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				
	LED Bulb, BA9S type	Red	2ALMPP4LB		404.00
	24V AC/DC,				
	110VAC, 110VDC				
	230VAC, 220VDC				
<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>				

# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
METALLIC SERIES

CONTACT ELEMENTS			
	TYPE	ORDERING CODE	Price in Rs.
	<b>PANEL MOUNTING</b>		
	NORMALLY OPEN (NO) SILVER CONTACT	S1	55.00
	NORMALLY OPEN (NO) SILVER CONTACT (BREAK BEFORE MAKE)	S1S	55.00
	NORMALLY OPEN (NO) SILVER CONTACT (MAKE BEFORE BREAK)	S1E	55.00
	NORMALLY CLOSED (NC) SILVER CONTACT	S2	55.00
	NORMALLY OPEN (NO) GOLD CONTACT	S3	175.00
	NORMALLY CLOSED (NC) GOLD CONTACT	S4	175.00
<b>BASE MOUNTING</b>			
	NORMALLY OPEN (NO) SILVER CONTACT	S5	55.00
	NORMALLY CLOSED (NC) SILVER CONTACT	S6	55.00
	NORMALLY OPEN (NO) GOLD CONTACT	S7	175.00
	NORMALLY CLOSED (NC) GOLD CONTACT	S8	175.00

# Common types of control and signalling devices Ø 22.5

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	2AF3	Green	1NO	2PSF310	
	2AF8	Yellow	2NO+1NC	2PSF821	
Projecting Pushbutton	2AP2	Black	2NC	2PSP202	
	2AP4	Red	3NO+3NC	2PSP433	
Mushroom Pushbutton Spring return	2AM2	Black	1NO+1NC	2PSM211	
	2AM4	Red	1NC	2PSM401	
Mushroom Pushbutton latching turn to release	2AML2	Black	1NC	2PSML201	
	2AML4	Red	2NO+2NC	2PSML422	
Mushroom Pushbutton latching, key to release	2AMLKB4	Red	1NO+1NC	2PSMLKB411	
Selector Actuator(2Pos)	2AS2-2P	Black	1NO	2PSS210-2P	
Selector Actuator(3Pos)	2AS2-3P	Red	1NO+1NC	2PSS211-3P	
Key Actuator (2Pos), Key withdrawable in both positions	2AK2-2PB		1NO	2PSK210-2PB	
Key Actuator (3Pos), Key withdrawable in left & right positions	2AK2-3PB		1NO+1NC	2PSK211-3PB	
Selector Illuminated Pushbutton, 2 position with resistance and diode (230V)	2ASLR3-2P230AC	Green	1NO+1NC + 2LHBR230AC	2PSSLR311-2P230AC	
Selector Illuminated Pushbutton, 3 Position with resistance (24V)	2ASLR4-3P24	Red	1NO+1NC + 2LHBR24	2PSSLR411-3P24	
Pilot Light for direct connection upto 130V	2LA3	Green	2LHB24	2PLB324	
	2LA4	Red	2LHB130	2PLB4130	
Pilot Light through resistor and diode for 230 V AC. Bulb:130V.	2LA5	Amber	2LHBR230AC	2PLBR5230AC	
	2LA6	Blue	2LHBR230AC	2PLBR6230AC	
Pilot Light with transformer for 230 V Bulb:24 V.	2LA4	Red	2LHBT230/24	2PLBT4230/24	
	2LA3	Green	2LHBT230/24	2PLBT3230/24	
Flush Illuminated Pushbutton with integral LED for 24 V DC	2ALRF3L24DC	Green	1NO+1NC + 2LHLR24DC	2PSLRF3L1124DC	
Projecting Illuminated Pushbutton with integral LED 230 V AC	2ALRP4L230AC	Red	1NO+1NC + 2LHLR230AC	2PSLRP4L11230AC	
Pilot Light with LED bulb for 110 V Bulb:110 V	2LAL5	Amber	2LHLB110	2PLB5LB110	
Twin Pushbutton marked "I O"	2ATF2-F4-IO	Flush-Black	1 NO	2PSTF210-F401-IO	
Flush - Flush		Flush-Red	1 NC		
Twin Pushbutton not marked	2ATF3-P4	Flush-Green	1NO+1NC	2PSTF311-P411	
Flush - Projecting		Proj-Red	1NO+1NC		
Twin Illuminated Pushbutton marked "I O" Flush - Flush direct connection (130V)	2ATL3-F2-F4 IO130	Lense-Green Flush-Black Flush-Red	2LHB130 1 NO + 1 NC 1 NC	2PSTL3F211-F401-IO130	
Twin Illuminated Pushbutton not marked Flush - Projecting with resistance (24V)	2ATLR5-F3-P424	Lense-Amber Flush-Green Proj.-Red	2LHBR24 1 NO 1 NC	2PSTLR5F310-P40124	

# TEKNIC

## GENERAL TERMS AND CONDITIONS

**General Terms** : Prices are ex-works Mumbai

**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.

Head Office : 703/704/705, Madhava, Bandra Kurla Complex, Bandra (E), Mumbai – 400051. Tel : +91-22-42532500

Works : 65, Marol Co-op. Industrial Estate Ltd., M. Vassanji Road, Andheri (East), Mumbai – 400059. Tel : +91-22-42534500

Email : [teknico@teknico.co.in](mailto:teknico@teknico.co.in) [mfg@teknico.co.in](mailto:mfg@teknico.co.in) Website : [www.teknico.co.in](http://www.teknico.co.in)



## Economy Series LED Pilot Lights Ø 22.5



### Salient Features:

- Quick installation
- Safe operation
- Robust design
- Aesthetically elegant
- Diffused illumination
- 2 LED chip cluster
- LVGP (Low Voltage Glow Protection)
- Marking on diffuser on request

### Electrical and Mechanical Characteristics

#### Environment

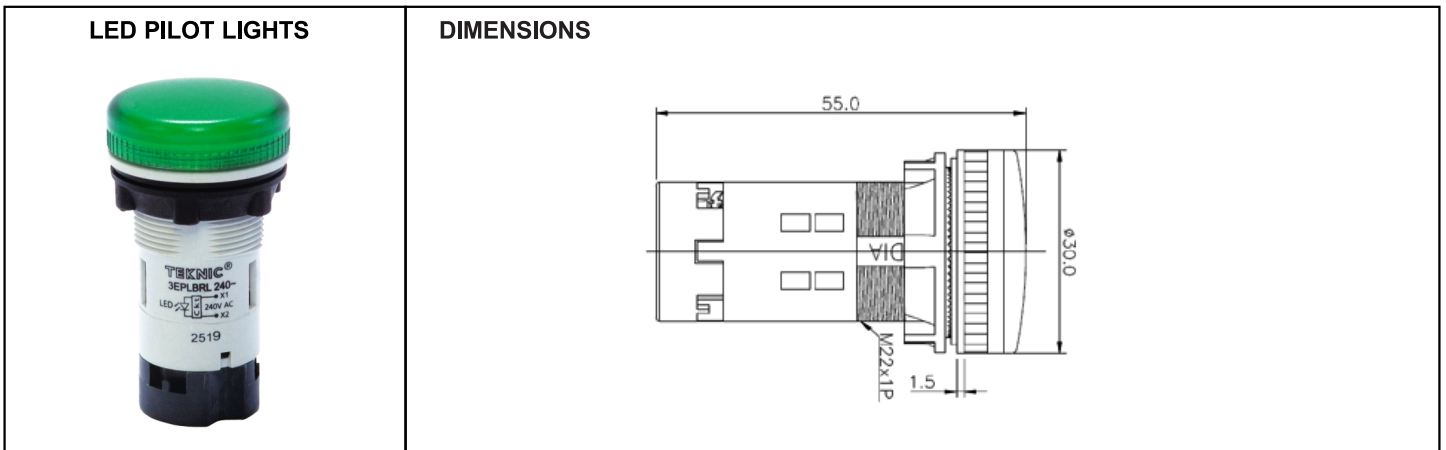
Degree of protection	IP65 as per IEC 60529
Applicable standards	IEC 60947-5-1
Product Certification	CE
Ambient	-25°C to +70°C
Storage	-25°C to +40°C

#### Mechanical Characteristics:

Terminal Capacity	Maximum 2x1.5mm <sup>2</sup> or 1x2.5mm <sup>2</sup> . Minimum 1x 0.5mm <sup>2</sup>
Terminal marking	X1 X2
Terminal Torque	0.5 Nm
Viewing Angle	More than 100°
Optical Axial intensity	More than 100 mcd for all colors
Weight	25 gms

#### Electrical Characteristics:

Rated insulation voltage	500 V
Dielectric Test	2.5 KV
Polymeric parts	V2 as per UL94
Polarity protection	Polarity protection is only in case of DC supply lamps
Current Consumption	Max. 20mA for AC circuits. Max. 15mA for DC circuits



### SPECIFIC VOLTAGE

VOLTAGE COLOUR ORDERING CODE COLOUR ORDERING CODE COLOUR ORDERING CODE COLOUR ORDERING CODE COLOUR ORDERING CODE


12 AC/DC	<input type="radio"/>	3EPLBR1L (S)12	<input checked="" type="radio"/>	3EPLBR3L12	<input checked="" type="radio"/>	3EPLBR4L12	<input checked="" type="radio"/>	3EPLBR5L12	<input checked="" type="radio"/>	3EPLBR6L12
	<input type="radio"/>	3EPLBR7L(S)12	<input checked="" type="radio"/>	3EPLBR8L12	<input type="radio"/>	Translucent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED		
24 AC/DC	<input type="radio"/>	3EPLBR1L (S)24	<input checked="" type="radio"/>	3EPLBR3L24	<input checked="" type="radio"/>	3EPLBR4L24	<input checked="" type="radio"/>	3EPLBR5L24	<input checked="" type="radio"/>	3EPLBR6L24
	<input type="radio"/>	3EPLBR7L(S)24	<input checked="" type="radio"/>	3EPLBR8L24	<input type="radio"/>	Translucent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED		
110 AC	<input type="radio"/>	3EPLBR1L(S)110AC	<input checked="" type="radio"/>	3EPLBR3L110AC	<input checked="" type="radio"/>	3EPLBR4L110AC	<input checked="" type="radio"/>	3EPLBR5L110AC	<input checked="" type="radio"/>	3EPLBR6L110AC
	<input type="radio"/>	3EPLBR7L(S)110AC	<input checked="" type="radio"/>	3EPLBR8L110AC	<input type="radio"/>	Translucent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED		
110 DC	<input type="radio"/>	3EPLBR1L(S)110DC	<input checked="" type="radio"/>	3EPLBR3L110DC	<input checked="" type="radio"/>	3EPLBR4L110DC	<input checked="" type="radio"/>	3EPLBR5L110DC	<input checked="" type="radio"/>	3EPLBR6L110DC
	<input type="radio"/>	3EPLBR7L(S)110DC	<input checked="" type="radio"/>	3EPLBR8L110DC	<input type="radio"/>	Translucent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED		
240 AC	<input type="radio"/>	3EPLBR1L(S)240AC	<input checked="" type="radio"/>	3EPLBR3L240AC	<input checked="" type="radio"/>	3EPLBR4L240AC	<input checked="" type="radio"/>	3EPLBR5L240AC	<input checked="" type="radio"/>	3EPLBR6L240AC
	<input type="radio"/>	3EPLBR7L(S)240AC	<input checked="" type="radio"/>	3EPLBR8L240AC	<input type="radio"/>	Translucent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED		
220 DC	<input type="radio"/>	3EPLBR1L(S)220DC	<input checked="" type="radio"/>	3EPLBR3L220DC	<input checked="" type="radio"/>	3EPLBR4L220DC	<input checked="" type="radio"/>	3EPLBR5L220DC	<input checked="" type="radio"/>	3EPLBR6L220DC
	<input type="radio"/>	3EPLBR7L(S)220DC	<input checked="" type="radio"/>	3EPLBR8L220DC	<input type="radio"/>	Translucent Lens / White LED	<input type="radio"/>	Transparent Lens / White LED		

**Note: Other voltages namely 6 V, 30 V, 48 V, 63.5 V & 125 V DC available on request**

# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES

LED PILOT LIGHTS ECONOMY SERIES				
	Type	Colour of LED / Lens	ORDERING CODE	Price in Rs. with Int. LED
				
	Integral LED	White LED / White Lens	3EPLBR1L(S)	203.00
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	3EPLBR3L	108.50
	110VAC, 110VDC,	Red LED / Red Lens	3EPLBR4L	108.50
	230VAC, 220VDC	Amber LED / Amber Lens	3EPLBR5L	108.50
		Blue LED / Blue Lens	3EPLBR6L	203.00
		White LED / Clear Lens	3EPLBR7L(S)	203.00
		Yellow LED / Yellow Lens	3EPLBR8L	108.50
	Please mention the voltage required after the ordering code			

GENERAL TERMS AND CONDITIONS	
General Terms :	Prices are ex-works Mumbai
GST :	18%
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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.

Head Office : 703/704/705, Madhava, Bandra Kurla Complex, Bandra (E), Mumbai – 400051. Tel : +91-22-42532500  
Works : 65, Marol Co-op. Industrial Estate Ltd., M. Vassanji Road, Andheri (East), Mumbai – 400059. Tel : +91-22-42534500  
Email : [teknico@teknico.co.in](mailto:teknico@teknico.co.in) [mfg@teknico.co.in](mailto:mfg@teknico.co.in) Website : [www.teknico.co.in](http://www.teknico.co.in)

CH/MT:41  
REV:B

# TEKNIC



Control and Signaling Devices Ø 22.5 Plastic Series



## Control and signalling devices Ø 22.5

### Salient features

This range of Ø 22.5 pushbuttons, selector switches, illuminated switches, illuminated selector switches and pilot lights have been designed to provide the following salient features:

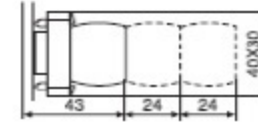
- Economy of space
- Aesthetically elegant
- SELF WIPING CONTACT
- Robust in materials of construction
- Simple to fix - screw driver is all that required
- Safe in operation
- Fixing method unaffected by excessive vibration-unit does not rotate
- Very good flame resistance
- Protection against electric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

### Actuators

The circular actuators have chrome plated metal bezels, and are 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 follow :

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 built in transformers suitable for operating at 230, 110 volts AC input and 6V, 12V and 24V output.

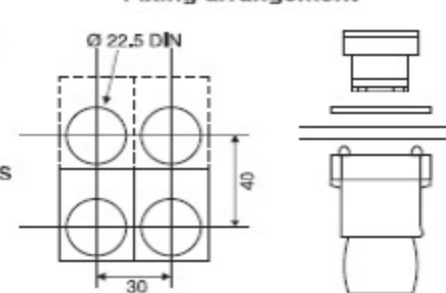
### Terminals

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

### Fixing

The control devices Ø 22.5 can be fixed in any position on panels of 1 to 6 mm thickness. We recommend minimum fixing centers of 30 mm 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 to the holding bracket using a bayonet type of fixing which enables a simple and fast assembly. The complete assembly is locked into position on the panel by two M4 pointed screws on the bracket, tightened equally from the rear. The screws should be tightened adequately to such an extent as to pierce through the paint on the panel from inside. These screws also ensure the earthing of the unit.

### Fixing arrangement



### Electrical and mechanical characteristics

#### Environment

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

#### 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 : AC 15 4 A, 415V AC  
 As per IEC 947 - 5 - (1) 1990 : DC 13 0.5 A, 110V DC  
 As per CSA - C22.2 No. 14-95, UL508, : A 600 Q600  
 Terminal capacity : minimum 1 x 0.5 mm<sup>2</sup>, maximum 2 x 1.5 mm<sup>2</sup> or 1 x 2.5 mm<sup>2</sup>  
 Terminal marking : 1-2 for NC, 3-4 for NO  
 Short circuit protection : 10 A cartridge fuse 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)

AC 15	V	24	120	230	DC 13	V	24	110
	A	5	4	3		A	0.5	0.2

### Modules for pilot light & illuminated switches with integral LED / 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 mm<sup>2</sup>, max. 2 x 1.5 mm<sup>2</sup> or 1 x 2.5 mm<sup>2</sup>

## Control and signalling devices Ø 22.5 P series

### Ordering instructions

- Actuators, illuminated actuators, contact elements, lense assemblies & pilot lights can all be ordered separately or in combination.
- 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

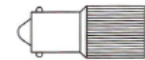
Voltage	: 6	12	24	30	48	60	130
Watts	: 1	2	2	2	2	2	2.6



#### 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

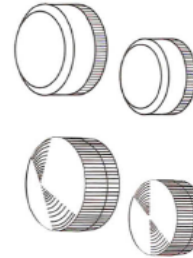
Colour of lense : Translucent Green Red Amber Blue Clear Yellow

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

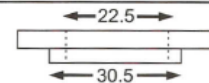
For pilot lights with LED  
 2PLL1L 2PLL3L 2PLL4L 2PLL5L 2PLL6L 2PLL7L 2PLL8L

For illuminated actuators with LED (flush/projecting)  
 2LAL1L 2LAL3L 2LAL4L 2LAL5L 2LAL6L 2LAL7L 2LAL8L



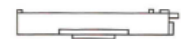
#### Adaptor for fixing Ø 22.5 devices in Ø 30.5 cutout.

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



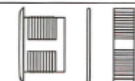
#### Bulb extractor

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.
		White	P2AF1	52.00
		Black	P2AF2	52.00
	Flush	Green	P2AF3	52.00
		Red	P2AF4	52.00
		Blue	P2AF6	52.00
		Yellow	P2AF8	52.00
				
	Flush with Arrow marking	White	P2AF1BA	70.00
		Black	P2AF2WA	70.00
		White	P2AP1	52.00
		Black	P2AP2	52.00
	Projecting	Green	P2AP3	52.00
		Red	P2AP4	52.00
		Blue	P2AP6	52.00
		Yellow	P2AP8	52.00
		White	P2AF1RR	68.00
		Black	P2AF2RR	68.00
	Flush Relay	Green	P2AF3RR	68.00
	Reset Actuators	Red	P2AF4RR	68.00
		Blue	P2AF6RR	68.00
		Yellow	P2AF8RR	68.00
		White	P2AF1BT7	91.00
		Black	P2AF2BT7	91.00
	Booted	Green	P2AF3BT7	91.00
		Red	P2AF4BT7	91.00
		Blue	P2AF6BT7	91.00
		Yellow	P2AF8BT7	91.00

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MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø

PLASTIC SERIES

## MUSHROOM HEAD ACTUATORS







	TYPE	COLOUR	ORDERING CODE	Price in Rs.
				
		Black	P2AM2	83.00
	Momentary	Green	P2AM3	83.00
	Ø 40mm	Red	P2AM4	83.00
		Blue	P2AM6	83.00
		Yellow	P2AM8	83.00
				
	Push Pull	Black	P2AMPP2	114.50
	Ø 40 mm	Red	P2AMPP4	114.50
				
	Latching	Black	P2AMLS2	114.50
	Ø 30mm	Red	P2AMLS4	114.50
				
	Latching	Black	P2AML2	114.50
	Ø 40mm	Red	P2AML4	114.50
				
	Latching	Black	P2AMLKB2	230.00
	with Key	Red	P2AMLKB4	230.00
	Ø 40mm			



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Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES

MUSHROOM HEAD ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
		Black	P2AMJ2	113.00
	Momentary Ø 60mm	Green	P2AMJ3	113.00
		Red	P2AMJ4	113.00
		Blue	P2AMJ6	113.00
		Yellow	P2AMJ8	113.00
	Push Pull Ø 60 mm	Black	P2AMPPJ2	149.00
		Red	P2AMPPJ4	149.00
	Latching Ø 60mm	Black	P2AMLJ2	149.00
		Red	P2AMLJ4	149.00
	Trigger type	Black	P2AMLT2	172.00
	Press to Lock turn to release Ø 40 mm	Red	P2AMLT4	172.00
	Trigger type	Black	P2AMLTKB2	286.00
	Press to Lock key to release Ø 40 mm	Red	P2AMLTKB4	286.00
	Trigger type	Red	P2AMPPT4	200.00
	Press to Lock pull to release Ø 40 mm			

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Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES

SELECTOR ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
	Selector 2 position LATCHING	Black	P2AS2-2P	160.00
	with ext. knob		P2AS2E-2P	160.00
	2 position MOMENTARY	Black	P2AS2-2PSR	160.00
	with ext. knob		P2AS2E-2PSR	160.00
	3 position STAY PUT	Black	P2AS2-3P	160.00
	with ext. knob		P2AS2E-3P	160.00
	MOMENTARY on both sides	Black	P2AS2-3PSR	173.00
	with ext. knob		P2AS2E-3PSR	173.00
	3 position MOMENTARY on right	Black	P2AS2-3PSRR	173.00
	with ext. knob		P2AS2E-3PSRR	173.00
	3 position MOMENTARY on left	Black	P2AS2-3PSRL	173.00
	with ext. knob		P2AS2E-3PSRL	173.00

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Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES

## KEY SELECTOR ACTUATORS







TYPE	COLOUR	ORDERING CODE	Price in Rs.
2 Position Stayput	Black	P2AK2-2PB	220.00
		P2AK2-2PO	220.00
		P2AK2-2PI	220.00
Spring Return	Black	P2AK2-2POSR	220.00
3 Position Stayput	Black	P2AK2-3PA	230.00
	Black	P2AK2-3PB	230.00
	Black	P2AK2-3PC	230.00
Spring Return	Black	P2AK2-3PSR	230.00
Spring Return right to centre	Black	P2AK2-3PSRR	230.00
Spring Return left to centre	Black	P2AK2-3PSRL	230.00

\* X stands for position in which key is removable

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Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES

TWIN ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
		Green Red	P2ATF3F4	98.00
	Double Flush w/o IO Mark	Yellow Black	P2ATF8F2	98.00
		Green Red	P2ATF3F4(IO)	98.00
	Double Flush with IO Mark	Yellow Black	P2ATF8F2(IO)	98.00
		Green Red	P2ATF3P4	98.00
	1 Flush, 1 Projecting w/o IO Mark	Yellow Black	P2ATF8P2	98.00
		Green Red	P2ATF3P4(IO)	98.00
	1 Flush, 1 Projecting with IO Mark	Yellow Black	P2ATF8P2(IO)	98.00

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MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES

ILLUMINATED MOMENTARY ACTUATORS WITH BULB				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.with bulb
	<b>Illuminated Flush</b>			
		White	P2ALF1	142.00
	Filament Bulb	Green	P2ALF3	142.00
	6V to 130V AC/DC	Red	P2ALF4	142.00
		Amber	P2ALF5	142.00
		Blue	P2ALF6	142.00
		Clear	P2ALF7	142.00
		Yellow	P2ALF8	142.00
	<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>		
		White	P2ALRF1	149.00
		Green	P2ALRF3	149.00
	Filament Bulb	Red	P2ALRF4	149.00
	24V,48V,130V,230V AC/DC	Amber	P2ALRF5	149.00
		Blue	P2ALRF6	149.00
		Clear	P2ALRF7	149.00
		Yellow	P2ALRF8	149.00
	<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>		
	<b>Illuminated Projecting</b>			
		White	P2ALP1	142.00
		Green	P2ALP3	142.00
	Filament Bulb	Red	P2ALP4	142.00
	6V to 130V AC/DC	Amber	P2ALP5	142.00
		Blue	P2ALP6	142.00
		Clear	P2ALP7	142.00
		Yellow	P2ALP8	142.00
	<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>		
		White	P2ALRP1	149.00
		Green	P2ALRP3	149.00
	Filament Bulb	Red	P2ALRP4	149.00
	24V,48V,130V,230V AC/DC	Amber	P2ALRP5	149.00
		Blue	P2ALRP6	149.00
		Clear	P2ALRP7	149.00
		Yellow	P2ALRP8	149.00
	<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>		

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MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø

PLASTIC SERIES






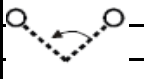
## ILLUMINATED ACTUATORS WITH INTEGRAL LED / LED BULB

	Type	Colour of LED / Lens	Ordering Code	Price in Rs. with Int. LED	Price in Rs. with LED Bulb
	<b>Illuminated Flush, Momentary</b>				
	Integral LED	White LED / White Lens	P2ALRF1L(S)	306.00	
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ALRF3L	185.00	
	110VAC, 110VDC, 230VAC, 220VDC	Red LED / Red Lens	P2ALRF4L	185.00	
		Amber LED / Amber Lens	P2ALRF5L	185.00	
		Blue LED / Blue Lens	P2ALRF6L	396.00	
		White LED / Clear Lens	P2ALRF7L(S)	306.00	
		Yellow LED / Yellow Lens	P2ALRF8L	185.00	
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				
	LED Bulb, BA9S type	White LED Bulb / White Lens	P2ALF1LB(S)		371.00
	24V AC/DC,	Green LED Bulb / Green Lens	P2ALF3LB		195.00
	110VAC, 110VDC	Red LED Bulb / Red Lens	P2ALF4LB		195.00
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	P2ALF5LB		195.00
		Blue LED Bulb / Blue Lens	P2ALF6LB		393.00
		White LED Bulb / Clear Lens	P2ALF7LB(S)		371.00
		Yellow LED Bulb / Yellow Lens	P2ALF8LB		195.00
	<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>			
	<b>Illuminated Projecting, Momentary</b>				
	Integral LED	White LED / White Lens	P2ALRP1L(S)	306.00	
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ALRP3L	185.00	
	110VAC, 110VDC, 230VAC, 220VDC	Red LED / Red Lens	P2ALRP4L	185.00	
		Amber LED / Amber Lens	P2ALRP5L	185.00	
		Blue LED / Blue Lens	P2ALRP6L	396.00	
		White LED / Clear Lens	P2ALRP7L(S)	306.00	
		Yellow LED / Yellow Lens	P2ALRP8L	185.00	
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				
	LED Bulb, BA9S type	White LED Bulb / White Lens	P2ALP1LB(S)		371.00
	24V AC/DC,	Green LED Bulb / Green Lens	P2ALP3LB		195.00
	110VAC, 110VDC	Red LED Bulb / Red Lens	P2ALP4LB		195.00
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	P2ALP5LB		195.00
		Blue LED Bulb / Blue Lens	P2ALP6LB		393.00
		White LED Bulb / Clear Lens	P2ALP7LB(S)		371.00
		Yellow LED Bulb / Yellow Lens	P2ALP8LB		195.00
	<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>			

# TEKNIC

MRP w.e.f. 01.01.2021









Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES

ILLUMINATED SELECTOR WITH BULB				
	TYPE	COLOUR	ORDERING CODE	Price in Rs. with bulb
	<b>2 Position Stayput illuminated selector actuator</b>			
		White	P2ASL1-2P	250.00
	Filament Bulb	Green	P2ASL3-2P	250.00
	6V to 130V AC/DC	Red	P2ASL4-2P	250.00
		Amber	P2ASL5-2P	250.00
		Blue	P2ASL6-2P	250.00
		Clear	P2ASL7-2P	250.00
		Yellow	P2ASL8-2P	250.00
<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>			
		White	P2ASLR1-2P	259.00
	Filament Bulb	Green	P2ASLR3-2P	259.00
	24V,48V,130V,230V AC/DC	Red	P2ASLR4-2P	259.00
		Amber	P2ASLR5-2P	259.00
		Blue	P2ASLR6-2P	259.00
		Clear	P2ASLR7-2P	259.00
		Yellow	P2ASLR8-2P	259.00
<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>			
<b>2 Position, Momentary illuminated selector actuator</b>				
		White	P2ASL1-2PSR	250.00
	Filament Bulb	Green	P2ASL3-2PSR	250.00
	6V to 130V AC/DC	Red	P2ASL4-2PSR	250.00
		Amber	P2ASL5-2PSR	250.00
		Blue	P2ASL6-2PSR	250.00
		Clear	P2ASL7-2PSR	250.00
		Yellow	P2ASL8-2PSR	250.00
<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>			
		White	P2ASLR1-2PSR	259.00
	Filament Bulb	Green	P2ASLR3-2PSR	259.00
	24V,48V,130V,230V AC/DC	Red	P2ASLR4-2PSR	259.00
		Amber	P2ASLR5-2PSR	259.00
		Blue	P2ASLR6-2PSR	259.00
		Clear	P2ASLR7-2PSR	259.00
		Yellow	P2ASLR8-2PSR	259.00
<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>			

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MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES











ILLUMINATED SELECTOR ACTUATOR WITH LED					
	TYPE	COLOUR	ORDERING CODE	Price in Rs. with integral LED	Price in Rs. with LED bulb
	<b>2 Position Stayput illuminated selector actuator</b>				
	Integral LED	White LED / White Lens	P2ASLR1L(S)-2P	402.00	
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-2P	293.00	
	110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-2P	293.00	
	230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-2P	293.00	
		Blue LED / Blue Lens	P2ASLR6L-2P	479.00	
		White LED / Clear Lens	P2ASLR7L(S)-2P	402.00	
		Yellow LED / Yellow Lens	P2ASLR8L-2P	293.00	
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>				
	LED Bulb BA9S type	White LED Bulb / White Lens	P2ASL1LB(S)-2P		480.00
	24V AC/DC,	Green LED Bulb / Green Lens	P2ASL3LB-2P		303.00
	110VAC, 110VDC	Red LED Bulb / Red Lens	P2ASL4LB-2P		303.00
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-2P		303.00
		Blue LED Bulb / Blue Lens	P2ASL6LB-2P		502.00
		White LED Bulb / Clear Lens	P2ASL7LB(S)-2P		480.00
		Yellow LED Bulb / Yellow Lens	P2ASL8LB-2P		303.00
	<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>			
	Integral LED	White LED / White Lens	P2ASLR1L(S)-2PSR	402.00	
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-2PSR	293.00	
	110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-2PSR	293.00	
	230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-2PSR	293.00	
		Blue LED / Blue Lens	P2ASLR6L-2PSR	479.00	
		White LED / Clear Lens	P2ASLR7L(S)-2PSR	402.00	
		Yellow LED / Yellow Lens	P2ASLR8L-2PSR	293.00	
	<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>			
	LED Bulb BA9S type	White LED Bulb / White Lens	P2ASL1LB(S)-2PSR		480.00
	24V AC/DC,	Green LED Bulb / Green Lens	P2ASL3LB-2PSR		303.00
	110VAC, 110VDC	Red LED Bulb / Red Lens	P2ASL4LB-2PSR		303.00
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-2PSR		303.00
		Blue LED Bulb / Blue Lens	P2ASL6LB-2PSR		502.00
		White LED Bulb / Clear Lens	P2ASL7LB(S)-2PSR		480.00
		Yellow LED Bulb / Yellow Lens	P2ASL8LB-2PSR		303.00
	<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>			



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MRP w.e.f. 01.01.2021











Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES

ILLUMINATED SELECTOR WITH BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs. with bulb	
	<b>3 Position Stayput illuminated selector actuator</b>				
	Stayput	White	P2ASL1-3P	262.00	
	Filament Bulb	Green	P2ASL3-3P	262.00	
	6V to 130V AC/DC	Red	P2ASL4-3P	262.00	
		Amber	P2ASL5-3P	262.00	
		Blue	P2ASL6-3P	262.00	
		Clear	P2ASL7-3P	262.00	
		Yellow	P2ASL8-3P	262.00	
	<b>Please mention the voltage required after the ordering code</b>				
	Momentary	White	P2ASL1-3PSR	270.00	
	Filament Bulb	Green	P2ASL3-3PSR	270.00	
	6V to 130V AC/DC	Red	P2ASL4-3PSR	270.00	
		Amber	P2ASL5-3PSR	270.00	
		Blue	P2ASL6-3PSR	270.00	
		Clear	P2ASL7-3PSR	270.00	
		Yellow	P2ASL8-3PSR	270.00	
	<b>Please mention the voltage required after the ordering code</b>				
	Momentary / Stayput	White	P2ASL1-3PSRL	270.00	
	Filament Bulb	Green	P2ASL3-3PSRL	270.00	
	6V to 130V AC/DC	Red	P2ASL4-3PSRL	270.00	
		Amber	P2ASL5-3PSRL	270.00	
		Blue	P2ASL6-3PSRL	270.00	
		Clear	P2ASL7-3PSRL	270.00	
		Yellow	P2ASL8-3PSRL	270.00	
	<b>Please mention the voltage required after the ordering code</b>				
Momentary / Stayput	White	P2ASL1-3PSRR	270.00		
Filament Bulb	Green	P2ASL3-3PSRR	270.00		
6V to 130V AC/DC	Red	P2ASL4-3PSRR	270.00		
	Amber	P2ASL5-3PSRR	270.00		
	Blue	P2ASL6-3PSRR	270.00		
	Clear	P2ASL7-3PSRR	270.00		
	Yellow	P2ASL8-3PSRR	270.00		
<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>				
	<b>3 Position illuminated selector actuator</b>				
	Stayput	White	P2ASLR1-3P	272.00	
	Filament Bulb	Green	P2ASLR3-3P	272.00	
	24V,48V,130V,230V AC/DC	Red	P2ASLR4-3P	272.00	
		Amber	P2ASLR5-3P	272.00	
		Blue	P2ASLR6-3P	272.00	
		Clear	P2ASLR7-3P	272.00	
		Yellow	P2ASLR8-3P	272.00	
	<b>Please mention the voltage required after the ordering code</b>				
	Momentary	White	P2ASLR1-3PSR	281.00	
	Filament Bulb	Green	P2ASLR3-3PSR	281.00	
	24V,48V,130V,230V AC/DC	Red	P2ASLR4-3PSR	281.00	
		Amber	P2ASLR5-3PSR	281.00	
		Blue	P2ASLR6-3PSR	281.00	
		Clear	P2ASLR7-3PSR	281.00	
		Yellow	P2ASLR8-3PSR	281.00	
	<b>Please mention the voltage required after the ordering code</b>				
	Momentary / Stayput	White	P2ASLR1-3PSRL	281.00	
	Filament Bulb	Green	P2ASLR3-3PSRL	281.00	
	24V,48V,130V,230V AC/DC	Red	P2ASLR4-3PSRL	281.00	
		Amber	P2ASLR5-3PSRL	281.00	
		Blue	P2ASLR6-3PSRL	281.00	
		Clear	P2ASLR7-3PSRL	281.00	
		Yellow	P2ASLR8-3PSRL	281.00	
	<b>Please mention the voltage required after the ordering code</b>				
Momentary / Stayput	White	P2ASLR1-3PSRR	281.00		
Filament Bulb	Green	P2ASLR3-3PSRR	281.00		
24V,48V,130V,230V AC/DC	Red	P2ASLR4-3PSRR	281.00		
	Amber	P2ASLR5-3PSRR	281.00		
	Blue	P2ASLR6-3PSRR	281.00		
	Clear	P2ASLR7-3PSRR	281.00		
	Yellow	P2ASLR8-3PSRR	281.00		
<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>				

# TEKNIC

MRP w.e.f. 01.01.2021





Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES

ILLUMINATED SELECTOR WITH LED						
	TYPE	COLOUR	ORDERING CODE	Price in Rs. with integral LED	Price in Rs. with LED bulb	
	<b>3 Position Illuminated Selector Actuator</b>					
	Stayput	White LED / White Lens	P2ASLR1L(S)-3P	415.00		
	Integral LED	Green LED / Green Lens	P2ASLR3L-3P	307.00		
	6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	P2ASLR4L-3P	307.00		
	110VAC, 110VDC,	Amber LED / Amber Lens	P2ASLR5L-3P	307.00		
	230VAC, 220VDC	Blue LED / Blue Lens	P2ASLR6L-3P	490.00		
		White LED / Clear Lens	P2ASLR7L(S)-3P	415.00		
		Yellow LED / Yellow Lens	P2ASLR8L-3P	307.00		
	<b>Please mention the voltage required after the ordering code</b>					
	Momentary	White LED / White Lens	P2ASLR1L(S)-3PSR	422.00		
	Integral LED	Green LED / Green Lens	P2ASLR3L-3PSR	316.00		
	6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	P2ASLR4L-3PSR	316.00		
	110VAC, 110VDC,	Amber LED / Amber Lens	P2ASLR5L-3PSR	316.00		
	230VAC, 220VDC	Blue LED / Blue Lens	P2ASLR6L-3PSR	495.00		
		White LED / Clear Lens	P2ASLR7L(S)-3PSR	422.00		
		Yellow LED / Yellow Lens	P2ASLR8L-3PSR	316.00		
	<b>Please mention the voltage required after the ordering code</b>					
	Momentary/Stayput	White LED / White Lens	P2ASLR1L(S)-3PSRL	422.00		
	Integral LED	Green LED / Green Lens	P2ASLR3L-3PSRL	316.00		
	6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	P2ASLR4L-3PSRL	316.00		
	110VAC, 110VDC,	Amber LED / Amber Lens	P2ASLR5L-3PSRL	316.00		
	230VAC, 220VDC	Blue LED / Blue Lens	P2ASLR6L-3PSRL	495.00		
		White LED / Clear Lens	P2ASLR7L(S)-3PSRL	422.00		
		Yellow LED / Yellow Lens	P2ASLR8L-3PSRL	316.00		
	<b>Please mention the voltage required after the ordering code</b>					
	Momentary/Stayput	White LED / White Lens	P2ASLR1L(S)-3PSRR	422.00		
	Integral LED	Green LED / Green Lens	P2ASLR3L-3PSRR	316.00		
	6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	P2ASLR4L-3PSRR	316.00		
110VAC, 110VDC,	Amber LED / Amber Lens	P2ASLR5L-3PSRR	316.00			
230VAC, 220VDC	Blue LED / Blue Lens	P2ASLR6L-3PSRR	495.00			
	White LED / Clear Lens	P2ASLR7L(S)-3PSRR	422.00			
	Yellow LED / Yellow Lens	P2ASLR8L-3PSRR	316.00			
<b>Please mention the voltage required after the ordering code</b>						
<b>Integral LED</b>						
<b>Please mention the voltage required after the ordering code</b>						
	<b>3 Position Illuminated Selector Actuator with LED Bulb</b>					
	Stayput	White LED Bulb / White Lens	P2ASL1LB(S)-3P		492.00	
	LED Bulb BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3P		316.00	
	24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3P		316.00	
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3P		316.00	
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3P		515.00	
		White LED Bulb / Clear Lens	P2ASL7LB(S)-3P		492.00	
		Yellow LED Bulb / Yellow Lens	P2ASL8LB-3P		316.00	
	<b>Please mention the voltage required after the ordering code</b>					
	Momentary	White LED Bulb / White Lens	P2ASL1LB(S)-3PSR		501.00	
	LED Bulb BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3PSR		324.00	
	24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3PSR		324.00	
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3PSR		324.00	
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3PSR		523.00	
		White LED Bulb / Clear Lens	P2ASL7LB(S)-3PSR		501.00	
		Yellow LED Bulb / Yellow Lens	P2ASL8LB-3PSR		324.00	
	<b>Please mention the voltage required after the ordering code</b>					
	Momentary / Stayput	White LED Bulb / White Lens	P2ASL1LB(S)-3PSRL		501.00	
	LED Bulb BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3PSRL		324.00	
	24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3PSRL		324.00	
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3PSRL		324.00	
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3PSRL		523.00	
		White LED Bulb / Clear Lens	P2ASL7LB(S)-3PSRL		501.00	
		Yellow LED Bulb / Yellow Lens	P2ASL8LB-3PSRL		324.00	
	<b>Please mention the voltage required after the ordering code</b>					
	Momentary / Stayput	White LED Bulb / White Lens	P2ASL1LB(S)-3PSRR		501.00	
	LED Bulb BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3PSRR		324.00	
	24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3PSRR		324.00	
110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3PSRR		324.00		
230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3PSRR		523.00		
	White LED Bulb / Clear Lens	P2ASL7LB(S)-3PSRR		501.00		
	Yellow LED Bulb / Yellow Lens	P2ASL8LB-3PSRR		324.00		
<b>Please mention the voltage required after the ordering code</b>						
<b>LED Bulb</b>						
<b>Please mention the voltage required after the ordering code</b>						

# TEKNIC

MRP w.e.f. 01.01.2021

## Control & Signalling Devices 22.5 Ø PLASTIC SERIES





TWIN ILLUMINATED ACTUATORS WITH FILAMENT BULB				
	Type	COLOUR	ORDERING CODE	Price in Rs. with bulb
	<b>Twin Illuminated 1 Flush, 1 Projecting (IO) Mark</b>			
	Filament Bulb	Red	P2ATL5 F3P4 (IO)	192.00
	6V to 130V AC/DC	Green		
		Amber Lens		
<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>			
	<b>Twin Illuminated Double Flush, (IO) Mark</b>			
	Filament Bulb	Red	P2ATLR5 F3P4 (IO)	200.00
	24V,48V,130V,230V AC/DC	Green		
		Amber Lens		
<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>			
	<b>Twin Illuminated Double Flush, (IO) Mark</b>			
	Filament Bulb	Red	P2ATL5 F3F4 (IO)	192.00
	6V to 130V AC/DC	Green		
		Amber Lens		
<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>			
	<b>Twin Illuminated Double Flush, (IO) Mark</b>			
	Filament Bulb	Red	P2ATLR5 F3F4 (IO)	200.00
	24V,48V,130V,230V AC/DC	Green		
		Amber Lens		
<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>			

# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø




PLASTIC SERIES

TWIN ILLUMINATED ACTUATORS WITH LED					
TYPE		COLOUR	ORDERING CODE	Price in Rs.with Int. LED	Price in Rs. with LED Bulb
<b>Twin Illuminated 1 Flush, 1 Projecting, (IO) Mark</b>					
	Integral LED	Green	P2ATLR5LF3P4 (IO)	236.00	
	6V, 12V, 24V, 48V AC/DC	Red			
	110VAC, 110VDC,	Amber Lens / Amber LED			
	230VAC, 220VDC				
<b>Integral LED</b>	Please mention the voltage required after the ordering code				
	LED Bulb, BA9S type	Green	P2ATL5LBF3P4 (IO)		253.00
	24V AC/DC,	Red			
	110VAC, 110VDC	Amber Lens / Amber LED			
	230VAC, 220VDC				
<b>LED Bulb</b>	Please mention the voltage required after the ordering code				
<b>Twin Illuminated Double Flush, (IO) Mark</b>					
	Integral LED	Green	P2ATLR5LF3P4 (IO)	236.00	
	6V, 12V, 24V, 48V AC/DC	Red			
	110VAC, 110VDC,	Amber Lens / Amber LED			
	230VAC, 220VDC				
<b>Integral LED</b>	Please mention the voltage required after the ordering code				
	LED Bulb, BA9S type	Green	P2ATL5LBF3P4 (IO)		253.00
	24V AC/DC,	Red			
	110VAC, 110VDC	Amber Lens / Amber LED			
	230VAC, 220VDC				
<b>LED Bulb</b>	Please mention the voltage required after the ordering code				

# TEKNIC

MRP w.e.f. 01.01.2021

## Control & Signalling Devices 22.5 Ø PLASTIC SERIES

PILOT LIGHTS WITH BULB					
	TYPE		COLOUR	ORDERING CODE	Price in Rs. with bulb
	<b>PILOT LIGHTS WITH FILAMENT BULB</b>				
			White	P2PLB1	118.00
	Filament Bulb		Green	P2PLB3	118.00
	6V to 130V AC/DC		Red	P2PLB4	118.00
			Amber	P2PLB5	118.00
			Blue	P2PLB6	118.00
			Clear	P2PLB7	118.00
			Yellow	P2PLB8	118.00
	<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>			
			White	P2PLBR1	126.00
	Fil. Bulb		Green	P2PLBR3	126.00
	24V,48V,130V,230V AC/DC		Red	P2PLBR4	126.00
			Amber	P2PLBR5	126.00
			Blue	P2PLBR6	126.00
			Clear	P2PLBR7	126.00
			Yellow	P2PLBR8	126.00
	<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>			
	Filament bulb				
	Pri. Volt.	Sec. Volt.	White	P2PLBT1 XXX / YY	323.00
	110VAC	06	Green	P2PLBT3 XXX / YY	323.00
	110VAC	12	Red	P2PLBT4 XXX / YY	323.00
	110VAC	24	Amber	P2PLBT5 XXX / YY	323.00
	Pri. Volt.	Sec. Volt.	Blue	P2PLBT6 XXX / YY	323.00
	240VAC	06	Clear	P2PLBT7 XXX / YY	323.00
	240VAC	12	Yellow	P2PLBT8 XXX / YY	323.00
	240VAC	24			
	<b>Connection with Transformer</b>			<b>XXX - Primary Voltage</b>	
		<b>YY - Secondary Voltage</b>			

# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES



PILOT LIGHTS				
	TYPE	Colour of LED / Lens	ORDERING CODE	Price in Rs. with Int. LED
	<b>Pilot Light with Integral LED</b>			
	Integral LED	White LED / White Lens	P2PLBR1L(S)	300.00
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2PLBR3L	161.00
	110VAC, 110VDC,	Red LED / Red Lens	P2PLBR4L	161.00
	230VAC, 220VDC	Amber LED / Amber Lens	P2PLBR5L	161.00
		Blue LED / Blue Lens	P2PLBR6L	406.00
		White LED / Clear Lens	P2PLBR7L(S)	300.00
		Yellow LED / Yellow Lens	P2PLBR8L	161.00
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>			
	Integral LED, Flasher	White LED Bulb / White Lens	P2PLBR1LF(S)	300.00
	24V, 110V, 230V, AC	Green LED Bulb / Green Lens	P2PLBR3LF	161.00
		Red LED Bulb / Red Lens	P2PLBR4LF	161.00
		Amber LED Bulb / Amber Lens	P2PLBR5LF	161.00
		Blue LED Bulb / Blue Lens	P2PLBR6LF	406.00
		White LED Bulb/ Clear Lens	P2PLBR7LF(S)	300.00
		Yellow LED Bulb / Yellow Lens	P2PLBR8LF	161.00
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>			
	Integral LED	White LED / White Lens	P2PLBR1LU(S)	419.00
	24V upto 240V AC/DC	Green LED / Green Lens	P2PLBR3LU	266.00
		Red LED / Red Lens	P2PLBR4LU	266.00
		Amber LED / Amber Lens	P2PLBR5LU	266.00
		Blue LED / Blue Lens	P2PLBR6LU	507.00
		White LED / Clear Lens	P2PLBR7LU(S)	419.00
		Yellow LED / Yellow Lens	P2PLBR8LU	266.00
<b>Integral LED, Universal</b>	<b>Please mention the voltage required after the ordering code</b>			
	Integral LED	White LED / White Lens	P2PLBR1L(S)	345.00
	415VAC	Green LED / Green Lens	P2PLBR3L	203.00
		Red LED / Red Lens	P2PLBR4L	203.00
		Amber LED / Amber Lens	P2PLBR5L	203.00
		Blue LED / Blue Lens	P2PLBR6L	448.00
		White LED / Clear Lens	P2PLBR7L(S)	345.00
		Yellow LED / Yellow Lens	P2PLBR8L	203.00
<b>Integral LED, 415VAC</b>	<b>Please mention the voltage required after the ordering code</b>			
	Integral LED, Test Lamp	White LED / White Lens	P2PLBR1L(S)**TL	405.00
	24V AC/DC	Green LED / Green Lens	P2PLBR3L**TL	245.00
	110VAC, 110VDC,	Red LED / Red Lens	P2PLBR4L**TL	245.00
	230VAC, 220VDC	Amber LED / Amber Lens	P2PLBR5L**TL	245.00
		Blue LED / Blue Lens	P2PLBR6L**TL	528.00
		White LED / Clear Lens	P2PLBR7L(S)**TL	405.00
		Yellow LED / Yellow Lens	P2PLBR8L**TL	245.00
<b>Integral LED, Test Lamp</b>	<b>** Please mention the voltage required after the ordering code</b>			

# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø

PLASTIC SERIES

PILOT LIGHTS					
	TYPE	Colour of LED / Lens	ORDERING CODE	Price in Rs. with LED Bulb	
	<b>Pilot Light with LED Bulb</b>				
	LED Bulb, BA9S type	White LED Bulb / White Lens	P2PLB1LB(S)	348.00	
	24V AC/DC,	Green LED Bulb / Green Lens	P2PLB3LB	171.00	
	110VAC, 110VDC	Red LED Bulb / Red Lens	P2PLB4LB	171.00	
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	P2PLB5LB	171.00	
		Blue LED Bulb / Blue Lens	P2PLB6LB	371.00	
		White LED Bulb / Clear Lens	P2PLB7LB(S)	348.00	
		Yellow LED Bulb / Yellow Lens	P2PLB8LB	171.00	
<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>				
	LED Bulb, BA9S type				
	Pri. Volt.	Sec. Volt.	White LED Bulb / White Lens	P2PLBT1LB(S) XXX / YY	581.00
	110VAC	06	Green LED Bulb / Green Lens	P2PLBT3LB XXX / YY	406.00
	110VAC	12	Red LED Bulb / Red Lens	P2PLBT4LB XXX / YY	406.00
	110VAC	24	Amber LED Bulb / Amber Lens	P2PLBT5LB XXX / YY	406.00
	Pri. Volt.	Sec. Volt.	Blue LED Bulb / Blue Lens	P2PLBT6LB XXX / YY	606.00
	240VAC	06	White LED Bulb / Clear Lens	P2PLBT7LB(S) XXX / YY	581.00
	240VAC	12	Yellow LED Bulb / Yellow Lens	P2PLBT8LB XXX / YY	406.00
	240VAC	24			
<b>Connection with Transformer</b>			<b>XXX - Primary Voltage</b>		
			<b>YY - Secondary Voltage</b>		

# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES

LED PILOT LIGHTS ECONOMY SERIES				
	Type	Colour of LED / Lens	ORDERING CODE	Price in Rs. with Int. LED
	Integral LED	White LED / White Lens	3PLBR1L(S)	284.00
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	3PLBR3L	139.00
	110VAC, 110VDC,	Red LED / Red Lens	3PLBR4L	139.00
	230VAC, 220VDC	Amber LED / Amber Lens	3PLBR5L	139.00
		Blue LED / Blue Lens	3PLBR6L	392.00
		White LED / Clear Lens	3PLBR7L(S)	284.00
		Yellow LED / Yellow Lens	3PLBR8L	139.00
	Please mention the voltage required after the ordering code			
	Integral LED	White LED / White Lens	3PLBR1LU(S)	364.00
	24V upto 240V AC/DC	Green LED / Green Lens	3PLBR3LU	231.00
		Red LED / Red Lens	3PLBR4LU	231.00
		Amber LED / Amber Lens	3PLBR5LU	231.00
		Blue LED / Blue Lens	3PLBR6LU	472.00
		White LED / Clear Lens	3PLBR7LU(S)	364.00
		Yellow LED / Yellow Lens	3PLBR8LU	231.00
	Please mention the voltage required after the ordering code			
	Integral LED, Dual colour			
	24VAC	Green LED	3PLBR34L	224.00
	110VAC	Red LED		
	230VAC	White Lens		
Please mention the voltage required after the ordering code				
	Integral LED with Buzzer			
	24VAC			
	110VAC	Red LED / Red Lens	3PLBR4LBZ	241.00
	230VAC			
Please mention the voltage required after the ordering code				
	Integral LED			
	6V, 12V, 24V, 48V AC/DC	Red LED / Red Lens	3PLBR4LTL	210.00
	110VAC, 110VDC,			
	230VAC, 220VDC			
Please mention the voltage required after the ordering code				



# TEKNIC

MRP w.e.f. 01.01.2021

Control & Signalling Devices 22.5 Ø  
METALLIC SERIES

CONTACT ELEMENTS			
	TYPE	ORDERING CODE	Price in Rs.
	<b>PANEL MOUNTING</b>		
	NORMALLY OPEN (NO) SILVER CONTACT	S1	55.00
	NORMALLY OPEN (NO) SILVER CONTACT (BREAK BEFORE MAKE)	S1S	55.00
		NORMALLY OPEN (NO) SILVER CONTACT (MAKE BEFORE BREAK)	S1E
		NORMALLY CLOSED (NC) SILVER CONTACT	S2
		NORMALLY OPEN (NO) GOLD CONTACT	S3
		NORMALLY CLOSED (NC) GOLD CONTACT	S4
	<b>BASE MOUNTING</b>		
	NORMALLY OPEN (NO) SILVER CONTACT	S5	55.00
		NORMALLY CLOSED (NC) SILVER CONTACT	S6
		NORMALLY OPEN (NO) GOLD CONTACT	S7
		NORMALLY CLOSED (NC) GOLD CONTACT	S8

## 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	P2AK2-2PB		1NO	P2PSK210-2PB	
Key Actuator (3 Pos), key removable in left & right positions	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	P2ALRF3L24DC	Green	1NO+1NC	P2PSLRF3L1124DC	
Projecting Illuminated Pushbutton with integral LED for 230V AC	P2ALRP4L230AC	Red	1NO+1NC	P2PSLRP4L11230AC	
Twin Luminous Pushbutton marked "I O" Flush - Flush direct connection (130V)	P2ATL3-F2-F4 IO130	Lense-Green Flush-Black Flush-Red	1 NO + 1 NC 1 NC	P2PSTL3F211-F401-IO130	
Twin Luminous Pushbutton not marked Flush - Projecting with resistance and (230AC)	P2ATLR5-F3-P4230	Lense-Amber Flush-Green Proj.-Red	1 NO 1 NC	P2PSTLR5F310-P401 230	
Pilot Light for direct connection upto 130V	P2PLLA3	Green	2LHB130	P2PLB3130	
	P2PLLA4	Red	2LHB130	2PLPB4130	
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	

# TEKNIC

## GENERAL TERMS AND CONDITIONS

**General Terms** : Prices are ex-works Mumbai

**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.

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