

# TEKNIC



Control and Signaling Devices Ø 22.5 Plastic Series



## Control and signalling devices Ø 22.5 P series

### Salient features

This range of Ø 22.5 P series pushbuttons, selector switches, illuminated switches, and pilot lights in engineering plastic construction have been designed to provide the following salient features:

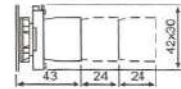
- Economy of space
- Aesthetically elegant
- SELF WIPING CONTACTS
- Robust in materials of construction
- Larger operating surface than Ø 30.5 series
- Simple to fix - screw driver is all that is required
- Safe in operation
  - Fixing method unaffected by excessive vibration-unit does not rotate
  - Very good flame resistance
  - Protection against electrical shock
  - Shrouded terminals
  - Resistant to corrosion

### Actuators

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

### Contact elements

The contact elements are double break and have **self wiping** contacts. The elements are interchangeable and can be stacked without additional hardware. 1 to 6 elements (NO or NC) can be used with non illuminated actuators, whereas, 1 to 4 elements (NO or NC) can be used for illuminated actuators. **Gold plated NO and NC contact elements for low voltage, low current switching circuits, < 25 mA, are available.**



### Illuminated pushbuttons and pilot lights

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

Supply voltage for direct connection without series resistor ..... : 6V-130V  
 Supply voltage through series resistor..... : 12V-415V  
 Supply voltage through series resistor and diode ..... : 230V AC

Bulb ..... : Filament, type BA9s with OAL max., 28 mm

Pilot lights and illuminated actuators are available with integral LED chips, suitable for operating at various voltages namely 6V, 12V, 24V, 30V, 48V, 63.5V, 110V, 125V, 230V AC or DC and 415 volts AC. Pilot lights and illuminated actuators are available with LED bulbs (bayonet cap, BA9S design with OAL max. 28 mm) suitable for operating at various voltages namely 24V, 110V and 230V. On request an extra short circuit protection consisting of built in fuse in the LED modules can be provided.

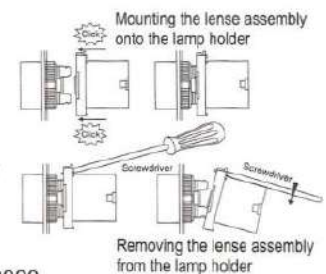
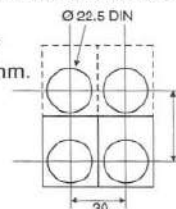
Pilot lights are available with built in transformers suitable for operating at 230, 110 volts AC input and 6 V, 12 V and 24V output.

### Terminals

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

### Fixing

The P series control devices Ø 22.5 can be fixed in any position on panels of 1 to 5 mm thickness. We recommend minimum fixing centres of 30mm X 40mm. However, the dimensions and configuration should be decided on the basis of the application. The actuators and the lense assemblies lock on the holding bracket. Details of the assembly shown in diagram.



### Electrical and mechanical characteristics

#### Environment

Standards conformity	:	CSA - C22.2 No. 14-95, UL508, EN 60947-5-1 2000
Approvals	:	CSA - C22.2 No. 14-95, UL508, VDE 0660
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	:	<b>Self wiping</b> , slow break NO or NC														
Make and break capacity	:															
As per IEC 947 - 5 - (1) 1990	:	AC 15 4 A , 415 V AC DC 13 0.5 A , 110 V DC														
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														
Electrical rating	:															
(for 1 million operating cycles, operating at 3600 cycles per hour, load factor 0.5)	:	AC 15 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>V</td><td>24</td><td>120</td><td>230</td></tr><tr><td>A</td><td>4</td><td>3</td><td>2</td></tr></table> DC 13 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>V</td><td>24</td><td>110</td></tr><tr><td>A</td><td>0.5</td><td>0.2</td></tr></table>	V	24	120	230	A	4	3	2	V	24	110	A	0.5	0.2
V	24	120	230													
A	4	3	2													
V	24	110														
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)	:	100,000 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

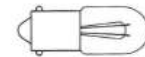
Legend plates 30 x 40 mm are supplied with the following standard texts:  
 START FORWARD UP OPEN AUTO SLOW RESET ON RIGHT TRIP  
 STOP REVERSE DOWN CLOSE HAND FAST INCH OFF LEFT POWER ON  
 Legend plate Ø 60 mm yellow with black characters for **EMERGENCY STOP**



#### Filament bulb

Filament bulb type BA9S, OAL 28mm

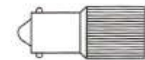
Voltage : 6 12 24 30 48 60 130  
 Watts : 1 2 2 2 2 2 2.6



#### LED bulb

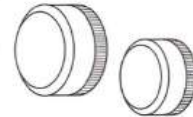
LED multichip bulb type BA9S, OAL 28mm

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



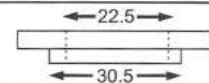
#### Lenses

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



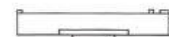
#### Adaptor for fixing Ø 22.5 devices in Ø 30.5 cutout.

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



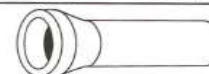
#### Boot for twin illuminated actuator

Colour of Boot : Clear  
 Type No : 2ATLBT7



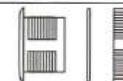
#### Bulb extractor

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	48.00
		Black	P2AF2	48.00
		Green	P2AF3	48.00
	<b>Flush</b>	Red	P2AF4	48.00
		Blue	P2AF6	48.00
		Yellow	P2AF8	48.00
		White	P2AF1A	65.00
		Black	P2AF2A	65.00
	<b>Flush with Arrow marking</b>	Green	P2AF3A	65.00
		Red	P2AF4A	65.00
		Blue	P2AF6A	65.00
		Yellow	P2AF8A	65.00
		White	P2AP1	48.00
		Black	P2AP2	48.00
	<b>Projecting</b>	Green	P2AP3	48.00
		Red	P2AP4	48.00
		Blue	P2AP6	48.00
		Yellow	P2AP8	48.00
	<b>Flush Relay</b>	White	P2AF1RR	63.00
	<b>Reset Actuators</b>	Black	P2AF2RR	63.00
		Green	P2AF3RR	63.00
		Red	P2AF4RR	63.00
		Blue	P2AF6RR	63.00
		Yellow	P2AF8RR	63.00
		White	P2AF1BT7	83.00
		Black	P2AF2BT7	83.00
		Green	P2AF3BT7	83.00
	<b>Booted</b>	Red	P2AF4BT7	83.00
		Blue	P2AF6BT7	83.00
		Yellow	P2AF8BT7	83.00

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## Control & Signalling Devices 22.5 Ø PLASTIC SERIES

MUSHROOM HEAD ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
		Black	P2AM2	77.00
	<b>Momentary</b> <b>Ø 40mm</b>	Green	P2AM3	77.00
		Red	P2AM4	77.00
		Blue	P2AM6	77.00
		Yellow	P2AM8	77.00
				
	<b>Push Pull</b> <b>Ø 40 mm</b>	Black	P2AMPP2	106.50
		Red	P2AMPP4	106.50
				
	<b>Latching</b> <b>Ø 30mm</b>	Black	P2AMLS2	106.50
		Red	P2AMLS4	106.50
				
	<b>Latching</b> <b>Ø 40mm</b>	Black	P2AML2	106.50
		Red	P2AML4	106.50
				
	<b>Latching</b> <b>with Key</b> <b>Ø 40mm</b>	Black	P2AMLKB2	213.50
		Red	P2AMLKB4	213.50

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## Control & Signalling Devices 22.5 Ø PLASTIC SERIES









MUSHROOM HEAD ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
		Black	P2AMJ2	105.00
	<b>Momentary</b> <b>Ø 60mm</b>	Green	P2AMJ3	105.00
		Red	P2AMJ4	105.00
		Blue	P2AMJ6	105.00
		Yellow	P2AMJ8	105.00
				
	<b>Push Pull</b> <b>Ø 60 mm</b>	Black	P2AMPPJ2	138.50
		Red	P2AMPPJ4	138.50
				
	<b>Latching</b> <b>Ø 60mm</b>	Black	P2AMLJ2	138.50
		Red	P2AMLJ4	138.50
				
	<b>Trigger type</b>	Black	P2AMLT2	159.50
	<b>Press to Lock</b>	Red	P2AMLT4	159.50
	<b>turn to release</b> <b>Ø 40 mm</b>			
				
	<b>Trigger type</b>	Black	P2AMLTKB2	266.00
	<b>Press to Lock</b>	Red	P2AMLTKB4	266.00
	<b>key to release</b> <b>Ø 40 mm</b>			
				
	<b>Trigger type</b>	Red	P2AMPPT4	186.00
	<b>Press to Lock</b>			
	<b>pull to release</b> <b>Ø 40 mm</b>			

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SELECTOR ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
	<b>Selector</b> <b>2 position</b> <b>LATCHING</b> 	Black	P2AS2-2P	149.00
	with ext. knob		P2AS2E-2P	149.00
	<b>2 position</b> <b>MOMENTARY</b> 	Black	P2AS2-2PSR	149.00
	with ext. knob		P2AS2E-2PSR	149.00
	<b>3 position</b> <b>STAY PUT</b> 	Black	P2AS2-3P	149.00
	with ext. knob		P2AS2E-3P	149.00
	<b>MOMENTARY</b> <b>on both sides</b> 	Black	P2AS2-3PSR	161.00
	with ext. knob		P2AS2E-3PSR	161.00
	<b>3 position</b> <b>MOMENTARY</b> <b>on right</b> 	Black	P2AS2-3PSRR	161.00
	with ext. knob		P2AS2E-3PSRR	161.00
	<b>3 position</b> <b>MOMENTARY</b> <b>on left</b> 	Black	P2AS2-3PSRL	161.00
	with ext. knob		P2AS2E-3PSRL	161.00

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## KEY SELECTOR ACTUATORS



TYPE		COLOUR	ORDERING CODE	Price in Rs.
2 Position Stayput		Black	P2AK2-2PB	204.50
			P2AK2-2PO	204.50
			P2AK2-2PI	204.50
Spring Return		Black	P2AK2-2POSR	204.50
3 Position Stayput		Black	P2AK2-3PA	213.50
		Black	P2AK2-3PB	213.50
		Black	P2AK2-3PC	213.50
Spring Return		Black	P2AK2-3PSR	213.50
Spring Return right to centre		Black	P2AK2-3PSRR	213.50
Spring Return left to centre		Black	P2AK2-3PSRL	213.50
* X stands for position in which key is removable				







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TWIN ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
		Green	P2ATF3F4	91.50
		Red		
	<b>Double Flush</b>			
	<b>w/o IO Mark</b>	Yellow	P2ATF8F2	91.50
		Black		
		Green	P2ATF3F4(IO)	91.50
		Red		
	<b>Double Flush</b>			
	<b>with IO Mark</b>	Yellow	P2ATF8F2(IO)	91.50
		Black		
		Green	P2ATF3P4	91.50
		Red		
	<b>1 Flush,</b>			
	<b>1 Projecting</b>			
	<b>w/o IO Mark</b>	Yellow	P2ATF8P2	91.50
	Black			
		Green	P2ATF3P4(IO)	91.50
		Red		
	<b>1 Flush,</b>			
	<b>1 Projecting</b>			
	<b>with IO Mark</b>	Yellow	P2ATF8P2(IO)	91.50
	Black			

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ILLUMINATED MOMENTARY ACTUATORS WITH FILAMENT BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.
				w/o bulb	with bulb
<b>Illuminated Flush</b>					
		White	P2ALF1	102.00	131.00
	<b>Filament Bulb</b>	Green	P2ALF3	102.00	131.00
	<b>6V to 130V AC/DC</b>	Red	P2ALF4	102.00	131.00
		Amber	P2ALF5	102.00	131.00
		Blue	P2ALF6	102.00	131.00
		Clear	P2ALF7	102.00	131.00
		Yellow	P2ALF8	102.00	131.00
	<b>Direct Connection</b>	Please mention the voltage required after the ordering code			
		White	P2ALRF1	108.50	137.50
		Green	P2ALRF3	108.50	137.50
	<b>Filament Bulb</b>	Red	P2ALRF4	108.50	137.50
	<b>24V,48V,130V,230V AC/DC</b>	Amber	P2ALRF5	108.50	137.50
		Blue	P2ALRF6	108.50	137.50
		Clear	P2ALRF7	108.50	137.50
		Yellow	P2ALRF8	108.50	137.50
	<b>Connection with Resistor</b>	Please mention the voltage required after the ordering code			
<b>Illuminated Projecting</b>					
		White	P2ALP1	102.00	131.00
	<b>Filament Bulb</b>	Green	P2ALP3	102.00	131.00
	<b>6V to 130V AC/DC</b>	Red	P2ALP4	102.00	131.00
		Amber	P2ALP5	102.00	131.00
		Blue	P2ALP6	102.00	131.00
		Clear	P2ALP7	102.00	131.00
		Yellow	P2ALP8	102.00	131.00
	<b>Direct Connection</b>	Please mention the voltage required after the ordering code			
		White	P2ALRP1	108.50	137.50
		Green	P2ALRP3	108.50	137.50
	<b>Filament Bulb</b>	Red	P2ALRP4	108.50	137.50
	<b>24V,48V,130V,230V AC/DC</b>	Amber	P2ALRP5	108.50	137.50
		Blue	P2ALRP6	108.50	137.50
		Clear	P2ALRP7	108.50	137.50
		Yellow	P2ALRP8	108.50	137.50
	<b>Connection with Resistor</b>	Please mention the voltage required after the ordering code			



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## ILLUMINATED ACTUATORS WITH INTEGRAL LED / LED BULB






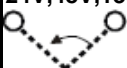
	Type	Colour of LED / Lens	Ordering Code	Price in Rs.	Price in Rs.	Price in Rs.
				with Int. LED	w/o LED Bulb	with LED Bulb
<b>Illuminated Flush, Momentary</b>						
		Yellow LED / White Lens	P2ALRF1L	172.50		
	<b>Integral LED</b>	White LED / White Lens	P2ALRF1L(S)	285.00		
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	P2ALRF3L	172.50		
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	P2ALRF4L	172.50		
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	P2ALRF5L	172.50		
		Blue LED / Blue Lens	P2ALRF6L	368.50		
		Yellow LED / Clear Lens	P2ALRF7L	172.50		
		White LED / Clear Lens	P2ALRF7L(S)	285.00		
		Yellow LED / Yellow Lens	P2ALRF8L	172.50		
<b>Integral</b>	Please mention the voltage required after the ordering code					
	<b>LED Bulb, BA9S type</b>	Yellow LED Bulb / White Lens	P2ALF1LB		102.00	181.00
	<b>24V AC/DC,</b>	White LED Bulb / White Lens	P2ALF1LB(S)		102.00	345.50
	<b>110VAC, 110VDC</b>	Green LED Bulb / Green Lens	P2ALF3LB		102.00	181.00
	<b>230VAC, 220VDC</b>	Red LED Bulb / Red Lens	P2ALF4LB		102.00	181.00
		Amber LED Bulb / Amber Lens	P2ALF5LB		102.00	181.00
		Blue LED Bulb / Blue Lens	P2ALF6LB		102.00	366.00
		Yellow LED Bulb / Clear Lens	P2ALF7LB		102.00	181.00
		White LED Bulb / Clear Lens	P2ALF7LB(S)		102.00	345.50
		Yellow LED Bulb / Yellow Lens	P2ALF8LB		102.00	181.00
<b>Bayonet Bulb</b>	Please mention the voltage required after the ordering code					
		Yellow LED / White Lens	P2ALRF1LF	172.50		
	<b>Integral LED</b>	White LED / White Lens	P2ALRF1LF(S)	285.00		
	<b>24V, 110V, 230V, AC</b>	Green LED / Green Lens	P2ALRF3LF	172.50		
		Red LED / Red Lens	P2ALRF4LF	172.50		
		Amber LED / Amber Lens	P2ALRF5LF	172.50		
		Blue LED / Blue Lens	P2ALRF6LF	368.50		
		Yellow LED / Clear Lens	P2ALRF7LF	172.50		
		White LED / Clear Lens	P2ALRF7LF(S)	285.00		
		Yellow LED / Yellow Lens	P2ALRF8LF	172.50		
<b>Flasher</b>	Please mention the voltage required after the ordering code					
<b>Illuminated Projecting, Momentary</b>						
		Yellow LED / White Lens	P2ALRP1L	172.50		
	<b>Integral LED</b>	White LED / White Lens	P2ALRP1L(S)	285.00		
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	P2ALRP3L	172.50		
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	P2ALRP4L	172.50		
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	P2ALRP5L	172.50		
		Blue LED / Blue Lens	P2ALRP6L	368.50		
		Yellow LED / Clear Lens	P2ALRP7L	172.50		
		White LED / Clear Lens	P2ALRP7L(S)	285.00		
		Yellow LED / Yellow Lens	P2ALRP8L	172.50		
<b>Integral</b>	Please mention the voltage required after the ordering code					
	<b>LED Bulb, BA9S type</b>	Yellow LED Bulb / White Lens	P2ALP1LB		102.00	181.00
	<b>24V AC/DC,</b>	White LED Bulb / White Lens	P2ALP1LB(S)		102.00	345.50
	<b>110VAC, 110VDC</b>	Green LED Bulb / Green Lens	P2ALP3LB		102.00	181.00
	<b>230VAC, 220VDC</b>	Red LED Bulb / Red Lens	P2ALP4LB		102.00	181.00
		Amber LED Bulb / Amber Lens	P2ALP5LB		102.00	181.00
		Blue LED Bulb / Blue Lens	P2ALP6LB		102.00	366.00
		Yellow LED Bulb / Clear Lens	P2ALP7LB		102.00	181.00
		White LED Bulb / Clear Lens	P2ALP7LB(S)		102.00	345.50
		Yellow LED Bulb / Yellow Lens	P2ALP8LB		102.00	181.00
<b>Bayonet Bulb</b>	Please mention the voltage required after the ordering code					
		Yellow LED / White Lens	P2ALRP1LF	172.50		
	<b>Integral LED</b>	White LED / White Lens	P2ALRP1LF(S)	285.00		
	<b>24V, 110V, 230V, AC</b>	Green LED / Green Lens	P2ALRP3LF	172.50		
		Red LED / Red Lens	P2ALRP4LF	172.50		
		Amber LED / Amber Lens	P2ALRP5LF	172.50		
		Blue LED / Blue Lens	P2ALRP6LF	368.50		
		Yellow LED / Clear Lens	P2ALRP7LF	172.50		
		White LED / Clear Lens	P2ALRP7LF(S)	285.00		
		Yellow LED / Yellow Lens	P2ALRP8LF	172.50		
<b>Flasher</b>	Please mention the voltage required after the ordering code					

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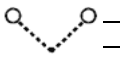

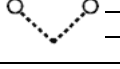




PLASTIC SERIES

ILLUMINATED SELECTOR ACTUATOR WITH FILAMENT BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.
				w/o bulb	with bulb
<b>2 Position Stayput illuminated selector actuator</b>					
		White	P2ASL1-2P	203.00	232.00
	<b>Filament Bulb</b>	Green	P2ASL3-2P	203.00	232.00
	<b>6V to 130V AC/DC</b>	Red	P2ASL4-2P	203.00	232.00
		Amber	P2ASL5-2P	203.00	232.00
		Blue	P2ASL6-2P	203.00	232.00
		Clear	P2ASL7-2P	203.00	232.00
		Yellow	P2ASL8-2P	203.00	232.00
	Direct Connection	Please mention the voltage required after the ordering code			
		White	P2ASLR1-2P	211.00	240.00
	<b>Filament Bulb</b>	Green	P2ASLR3-2P	211.00	240.00
	<b>24V,48V,130V,230V AC/DC</b>	Red	P2ASLR4-2P	211.00	240.00
		Amber	P2ASLR5-2P	211.00	240.00
		Blue	P2ASLR6-2P	211.00	240.00
		Clear	P2ASLR7-2P	211.00	240.00
		Yellow	P2ASLR8-2P	211.00	240.00
	Connection with Resistor	Please mention the voltage required after the ordering code			
<b>2 Position, Momentary illuminated selector actuator</b>					
		White	P2ASL1-2PSR	203.00	232.00
	<b>Filament Bulb</b>	Green	P2ASL3-2PSR	203.00	232.00
	<b>6V to 130V AC/DC</b>	Red	P2ASL4-2PSR	203.00	232.00
		Amber	P2ASL5-2PSR	203.00	232.00
		Blue	P2ASL6-2PSR	203.00	232.00
		Clear	P2ASL7-2PSR	203.00	232.00
		Yellow	P2ASL8-2PSR	203.00	232.00
	Direct Connection	Please mention the voltage required after the ordering code			
		White	P2ASLR1-2PSR	211.00	240.00
	<b>Filament Bulb</b>	Green	P2ASLR3-2PSR	211.00	240.00
	<b>24V,48V,130V,230V AC/DC</b>	Red	P2ASLR4-2PSR	211.00	240.00
		Amber	P2ASLR5-2PSR	211.00	240.00
		Blue	P2ASLR6-2PSR	211.00	240.00
		Clear	P2ASLR7-2PSR	211.00	240.00
		Yellow	P2ASLR8-2PSR	211.00	240.00
	Connection with Resistor	Please mention the voltage required after the ordering code			

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PLASTIC SERIES




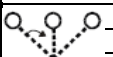






ILLUMINATED SELECTOR ACTUATOR WITH LED							
	TYPE	Colour of LED / Lens	ORDERING CODE	Price in Rs. with integral LED	Price in Rs. w/o LED bulb	Price in Rs. with LED bulb	
<b>2 Position Stayput illuminated selector actuator</b>							
		Yellow LED / White Lens	P2ASLR1L-2P	272.50			
	<b>Integral LED</b>	White LED / White Lens	P2ASLR1L(S)-2P	374.00			
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	P2ASLR3L-2P	272.50			
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	P2ASLR4L-2P	272.50			
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	P2ASLR5L-2P	272.50			
			Blue LED / Blue Lens	P2ASLR6L-2P	446.00		
			Yellow LED / Clear Lens	P2ASLR7L-2P	272.50		
			White LED / Clear Lens	P2ASLR7L(S)-2P	374.00		
	Yellow LED / Yellow Lens	P2ASLR8L-2P	272.50				
<b>Integral LED</b>	Please mention the voltage required after the ordering code						
		Yellow LED Bulb / White Lens	P2ASL1LB-2P		203.00	282.00	
	<b>LED Bulb BA9S type</b>	White LED Bulb / White Lens	P2ASL1LB(S)-2P		203.00	446.50	
	<b>24V AC/DC,</b>	Green LED Bulb / Green Lens	P2ASL3LB-2P		203.00	282.00	
	<b>110VAC, 110VDC</b>	Red LED Bulb / Red Lens	P2ASL4LB-2P		203.00	282.00	
	<b>230VAC, 220VDC</b>	Amber LED Bulb / Amber Lens	P2ASL5LB-2P		203.00	282.00	
			Blue LED Bulb / Blue Lens	P2ASL6LB-2P		203.00	467.00
			Yellow LED Bulb / Clear Lens	P2ASL7LB-2P		203.00	282.00
			White LED Bulb / Clear Lens	P2ASL7LB(S)-2P		203.00	446.50
	Yellow LED Bulb / Yellow Lens	P2ASL8LB-2P		203.00	282.00		
<b>LED Bulb</b>	Please mention the voltage required after the ordering code						
<b>2 Position Momentary illuminated selector actuator</b>							
		Yellow LED / White Lens	P2ASLR1L-2PSR	272.50			
	<b>Integral LED</b>	White LED / White Lens	P2ASLR1L(S)-2PSR	374.00			
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	P2ASLR3L-2PSR	272.50			
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	P2ASLR4L-2PSR	272.50			
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	P2ASLR5L-2PSR	272.50			
			Blue LED / Blue Lens	P2ASLR6L-2PSR	446.00		
			Yellow LED / Clear Lens	P2ASLR7L-2PSR	272.50		
			White LED / Clear Lens	P2ASLR7L(S)-2PSR	374.00		
	Yellow LED / Yellow Lens	P2ASLR8L-2PSR	272.50				
<b>Integral LED</b>	Please mention the voltage required after the ordering code						
		Yellow LED Bulb / White Lens	P2ASL1LB-2PSR		203.00	282.00	
	<b>LED Bulb BA9S type</b>	White LED Bulb / White Lens	P2ASL1LB(S)-2PSR		203.00	446.50	
	<b>24V AC/DC,</b>	Green LED Bulb / Green Lens	P2ASL3LB-2PSR		203.00	282.00	
	<b>110VAC, 110VDC</b>	Red LED Bulb / Red Lens	P2ASL4LB-2PSR		203.00	282.00	
	<b>230VAC, 220VDC</b>	Amber LED Bulb / Amber Lens	P2ASL5LB-2PSR		203.00	282.00	
			Blue LED Bulb / Blue Lens	P2ASL6LB-2PSR		203.00	467.00
			Yellow LED Bulb / Clear Lens	P2ASL7LB-2PSR		203.00	282.00
			White LED Bulb / Clear Lens	P2ASL7LB(S)-2PSR		203.00	446.50
	Yellow LED Bulb / Yellow Lens	P2ASL8LB-2PSR		203.00	282.00		
<b>LED Bulb</b>	Please mention the voltage required after the ordering code						

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PLASTIC SERIES

ILLUMINATED SELECTOR ACTUATOR WITH BULB						
	TYPE	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.	
				w/o bulb	with bulb	
<b>3 Position illuminated selector actuator</b>						
	Stayput	White	P2ASL1-3P	214.50	243.50	
	Filament Bulb	Green	P2ASL3-3P	214.50	243.50	
	6V to 130V AC/DC	Red	P2ASL4-3P	214.50	243.50	
		Amber	P2ASL5-3P	214.50	243.50	
		Blue	P2ASL6-3P	214.50	243.50	
		Clear	P2ASL7-3P	214.50	243.50	
		Yellow	P2ASL8-3P	214.50	243.50	
	Please mention the voltage required after the ordering code					
	Momentary	White	P2ASL1-3PSR	222.50	251.50	
	Filament Bulb	Green	P2ASL3-3PSR	222.50	251.50	
	6V to 130V AC/DC	Red	P2ASL4-3PSR	222.50	251.50	
		Amber	P2ASL5-3PSR	222.50	251.50	
		Blue	P2ASL6-3PSR	222.50	251.50	
		Clear	P2ASL7-3PSR	222.50	251.50	
	Yellow	P2ASL8-3PSR	222.50	251.50		
Please mention the voltage required after the ordering code						
Direct Connection	6V to 130V AC/DC	Red	P2ASL4-3PSRL	222.50	251.50	
	Amber	P2ASL5-3PSRL	222.50	251.50		
	Blue	P2ASL6-3PSRL	222.50	251.50		
	Clear	P2ASL7-3PSRL	222.50	251.50		
	Yellow	P2ASL8-3PSRL	222.50	251.50		
Please mention the voltage required after the ordering code						
Momentary/Stayput	White	P2ASL1-3PSRL	222.50	251.50		
Filament Bulb	Green	P2ASL3-3PSRL	222.50	251.50		
6V to 130V AC/DC	Red	P2ASL4-3PSRL	222.50	251.50		
	Amber	P2ASL5-3PSRL	222.50	251.50		
	Blue	P2ASL6-3PSRL	222.50	251.50		
	Clear	P2ASL7-3PSRL	222.50	251.50		
	Yellow	P2ASL8-3PSRL	222.50	251.50		
Please mention the voltage required after the ordering code						
<b>3 Position illuminated selector actuator</b>						
	Stayput	White	P2ASLR1-3P	224.00	253.00	
	Filament Bulb	Green	P2ASLR3-3P	224.00	253.00	
	24V,48V,130V,230V AC/DC	Red	P2ASLR4-3P	224.00	253.00	
		Amber	P2ASLR5-3P	224.00	253.00	
		Blue	P2ASLR6-3P	224.00	253.00	
		Clear	P2ASLR7-3P	224.00	253.00	
		Yellow	P2ASLR8-3P	224.00	253.00	
	Please mention the voltage required after the ordering code					
	Momentary	White	P2ASLR1-3PSR	232.50	261.50	
	Filament Bulb	Green	P2ASLR3-3PSR	232.50	261.50	
	24V,48V,130V,230V AC/DC	Red	P2ASLR4-3PSR	232.50	261.50	
		Amber	P2ASLR5-3PSR	232.50	261.50	
		Blue	P2ASLR6-3PSR	232.50	261.50	
		Clear	P2ASLR7-3PSR	232.50	261.50	
	Yellow	P2ASLR8-3PSR	232.50	261.50		
Please mention the voltage required after the ordering code						
Connection with Resistor	24V,48V,130V,230V AC/DC	Red	P2ASLR4-3PSRL	232.50	261.50	
	Amber	P2ASLR5-3PSRL	232.50	261.50		
	Blue	P2ASLR6-3PSRL	232.50	261.50		
	Clear	P2ASLR7-3PSRL	232.50	261.50		
	Yellow	P2ASLR8-3PSRL	232.50	261.50		
Please mention the voltage required after the ordering code						
Momentary/Stayput	White	P2ASLR1-3PSRR	232.50	261.50		
Filament Bulb	Green	P2ASLR3-3PSRR	232.50	261.50		
24V,48V,130V,230V AC/DC	Red	P2ASLR4-3PSRR	232.50	261.50		
	Amber	P2ASLR5-3PSRR	232.50	261.50		
	Blue	P2ASLR6-3PSRR	232.50	261.50		
	Clear	P2ASLR7-3PSRR	232.50	261.50		
	Yellow	P2ASLR8-3PSRR	232.50	261.50		
Please mention the voltage required after the ordering code						

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## Control & Signalling Devices 22.5 Ø PLASTIC SERIES

ILLUMINATED SELECTOR ACTUATOR WITH LED							
	TYPE	Colour of LED / Lens	ORDERING CODE	Price in Rs. with integral LED	Price in Rs. w/o LED bulb	Price in Rs. with LED bulb	
<b>3 Position Illuminated Selector Actuator</b>							
	Stayput	Yellow LED / White Lens	P2ASLR1L-3P	285.50			
	Integral LED	White LED / White Lens	P2ASLR1L(S)-3P	386.00			
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-3P	285.50			
	110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-3P	285.50			
	230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-3P	285.50			
			Blue LED / Blue Lens	P2ASLR6L-3P	456.00		
			Yellow LED / Clear Lens	P2ASLR7L-3P	285.50		
			White LED / Clear Lens	P2ASLR7L(S)-3P	386.00		
		Yellow LED / Yellow Lens	P2ASLR8L-3P	285.50			
	Please mention the voltage required after the ordering code						
		Momentary	Yellow LED / White Lens	P2ASLR1L-3PSR	294.00		
		Integral LED	White LED / White Lens	P2ASLR1L(S)-3PSR	393.00		
		6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-3PSR	294.00		
		110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-3PSR	294.00		
		230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-3PSR	294.00		
			Blue LED / Blue Lens	P2ASLR6L-3PSR	461.00		
			Yellow LED / Clear Lens	P2ASLR7L-3PSR	393.00		
			White LED / Clear Lens	P2ASLR7L(S)-3PSR	393.00		
		Yellow LED / Yellow Lens	P2ASLR8L-3PSR	294.00			
Please mention the voltage required after the ordering code							
		Momentary/Stayput	Yellow LED / White Lens	P2ASLR1L-3PSRL	294.00		
		Integral LED	White LED / White Lens	P2ASLR1L(S)-3PSRL	393.00		
		6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-3PSRL	294.00		
		110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-3PSRL	294.00		
		230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-3PSRL	294.00		
			Blue LED / Blue Lens	P2ASLR6L-3PSRL	461.00		
			Yellow LED / Clear Lens	P2ASLR7L-3PSRL	393.00		
			White LED / Clear Lens	P2ASLR7L(S)-3PSRL	393.00		
		Yellow LED / Yellow Lens	P2ASLR8L-3PSRL	294.00			
	Please mention the voltage required after the ordering code						
		Momentary/Stayput	Yellow LED / White Lens	P2ASLR1L-3PSRR	294.00		
		Integral LED	White LED / White Lens	P2ASLR1L(S)-3PSRR	393.00		
		6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-3PSRR	294.00		
		110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-3PSRR	294.00		
		230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-3PSRR	294.00		
			Blue LED / Blue Lens	P2ASLR6L-3PSRR	461.00		
			Yellow LED / Clear Lens	P2ASLR7L-3PSRR	393.00		
			White LED / Clear Lens	P2ASLR7L(S)-3PSRR	393.00		
		Yellow LED / Yellow Lens	P2ASLR8L-3PSRR	294.00			
Please mention the voltage required after the ordering code							
<b>3 Position Illuminated Selector Actuator with LED Bulb</b>							
		Stayput	Yellow LED Bulb / White Lens	P2ASL1LB-3P	214.50	293.50	
		LED Bulb	White LED Bulb / White Lens	P2ASL1LB(S)-3P	214.50	458.00	
		BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3P	214.50	293.50	
		24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3P	214.50	293.50	
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3P	214.50	293.50		
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3P	214.50	478.50		
			Yellow LED Bulb / Clear Lens	P2ASL7LB-3P	214.50	293.50	
			White LED Bulb / Clear Lens	P2ASL7LB(S)-3P	214.50	458.00	
			Yellow LED Bulb / Yellow Lens	P2ASL8LB-3P	214.50	293.50	
	Please mention the voltage required after the ordering code						
		Momentary	Yellow LED Bulb / White Lens	P2ASL1LB-3PSR	222.50	301.50	
		LED Bulb	White LED Bulb / White Lens	P2ASL1LB(S)-3PSR	222.50	466.00	
		BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3PSR	222.50	301.50	
		24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3PSR	222.50	301.50	
		110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3PSR	222.50	301.50	
230VAC, 220VDC		Blue LED Bulb / Blue Lens	P2ASL6LB-3PSR	222.50	486.50		
			Yellow LED Bulb / Clear Lens	P2ASL7LB-3PSR	222.50	301.50	
			White LED Bulb / Clear Lens	P2ASL7LB(S)-3PSR	222.50	466.00	
			Yellow LED Bulb / Yellow Lens	P2ASL8LB-3PSR	222.50	301.50	
Please mention the voltage required after the ordering code							
		Momentary/Stayput	Yellow LED Bulb / White Lens	P2ASL1LB-3PSRL	222.50	301.50	
		LED Bulb	White LED Bulb / White Lens	P2ASL1LB(S)-3PSRL	222.50	466.00	
		BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3PSRL	222.50	301.50	
		24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3PSRL	222.50	301.50	
		110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3PSRL	222.50	301.50	
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3PSRL	222.50	486.50		
			Yellow LED Bulb / Clear Lens	P2ASL7LB-3PSRL	222.50	301.50	
			White LED Bulb / Clear Lens	P2ASL7LB(S)-3PSRL	222.50	466.00	
			Yellow LED Bulb / Yellow Lens	P2ASL8LB-3PSRL	222.50	301.50	
	Please mention the voltage required after the ordering code						
		Momentary/Stayput	Yellow LED Bulb / White Lens	P2ASL1LB-3PSRR	222.50	301.50	
		LED Bulb	White LED Bulb / White Lens	P2ASL1LB(S)-3PSRR	222.50	466.00	
		BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3PSRR	222.50	301.50	
		24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3PSRR	222.50	301.50	
		110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3PSRR	222.50	301.50	
230VAC, 220VDC		Blue LED Bulb / Blue Lens	P2ASL6LB-3PSRR	222.50	486.50		
			Yellow LED Bulb / Clear Lens	P2ASL7LB-3PSRR	222.50	301.50	
			White LED Bulb / Clear Lens	P2ASL7LB(S)-3PSRR	222.50	466.00	
			Yellow LED Bulb / Yellow Lens	P2ASL8LB-3PSRR	222.50	301.50	
Please mention the voltage required after the ordering code							

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## Control & Signalling Devices 22.5 Ø PLASTIC SERIES

TWIN ILLUMINATED ACTUATOR WITH FILAMENT BULB					
	Type	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.
				w/o bulb	with bulb
<b>Twin Illuminated 1 Flush, 1 Projecting (IO) Mark</b>					
	<b>Filament Bulb</b>	Red	P2ATL5 F3P4 (IO)	149.50	178.50
	<b>6V to 130V AC/DC</b>	Green			
		Amber Lens			
<b>Direct Connection</b>	Please mention the voltage required after the ordering code				
	<b>Filament Bulb</b>	Red	P2ATLR5 F3P4 (IO)	156.50	185.50
	<b>24V,48V,130V,230V AC/DC</b>	Green			
		Amber Lens			
<b>Connection with Resistor</b>	Please mention the voltage required after the ordering code				
<b>Twin Illuminated Double Flush, (IO) Mark</b>					
	<b>Filament Bulb</b>	Red	P2ATL5 F3F4 (IO)	149.50	178.50
	<b>6V to 130V AC/DC</b>	Green			
		Amber Lens			
<b>Direct Connection</b>	Please mention the voltage required after the ordering code				
	<b>Filament Bulb</b>	Red	P2ATLR5 F3F4 (IO)	156.50	185.50
	<b>24V,48V,130V,230V AC/DC</b>	Green			
		Amber Lens			
<b>Connection with Resistor</b>	Please mention the voltage required after the ordering code				



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Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES

TWIN ILLUMINATED ACTUATORS WITH LED						
	TYPE	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.	Price in Rs.
				with Int. LED	w/o LED Bulb	with LED Bulb
<b>Twin Illuminated 1 Flush, 1 Projecting, (IO) Mark</b>						
	Integral LED	Green	P2ATLR5L F3P4 (IO)	219.50		
	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	P2ATLR5LB F3P4 (IO)		156.50	235.50
	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	P2ATLR5L F3F4 (IO)	219.50		
	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	P2ATLR5LB F3F4 (IO)		156.50	235.50
	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					

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Control & Signalling Devices 22.5 Ø  
PLASTIC SERIES

PILOT LIGHTS WITH FILAMENT BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.
				w/o bulb	with bulb
<b>Pilot Light</b>					
		White	P2PLB1	80.00	109.00
	<b>Filament Bulb</b>	Green	P2PLB3	80.00	109.00
	<b>6V to 130V AC/DC</b>	Red	P2PLB4	80.00	109.00
		Amber	P2PLB5	80.00	109.00
		Blue	P2PLB6	80.00	109.00
		Clear	P2PLB7	80.00	109.00
		Yellow	P2PLB8	80.00	109.00
	<b>Direct Connection</b>	Please mention the voltage required after the ordering code			
		White	P2PLBR1	87.00	116.00
	<b>Fil. Bulb</b>	Green	P2PLBR3	87.00	116.00
	<b>24V,48V,130V,230V AC/DC</b>	Red	P2PLBR4	87.00	116.00
		Amber	P2PLBR5	87.00	116.00
		Blue	P2PLBR6	87.00	116.00
		Clear	P2PLBR7	87.00	116.00
		Yellow	P2PLBR8	87.00	116.00
	<b>Connection with Resistor</b>	Please mention the voltage required after the ordering code			
		White	P2PLBR1240AC	87.00	116.00
	<b>Filament bulb</b>	Green	P2PLBR3240AC	87.00	116.00
	<b>230 V AC</b>	Red	P2PLBR4240AC	87.00	116.00
		Amber	P2PLBR5240AC	87.00	116.00
		Blue	P2PLBR6240AC	87.00	116.00
		Clear	P2PLBR7240AC	87.00	116.00
		Yellow	P2PLBR8240AC	87.00	116.00
	<b>Connection with Resistor + Diode</b>				
	<b>Filament bulb</b>				
	<b>Primary volt.</b>	<b>Secondary Volt.</b>	White	P2PLBT1 XXX / YY	300.00
	110VAC	06	Green	P2PLBT3 XXX / YY	300.00
	110VAC	12	Red	P2PLBT4 XXX / YY	300.00
	110VAC	24	Amber	P2PLBT5 XXX / YY	300.00
	<b>Primary volt.</b>	<b>Secondary Volt.</b>	Blue	P2PLBT6 XXX / YY	300.00
	240VAC	06	Clear	P2PLBT7 XXX / YY	300.00
	240VAC	12	Yellow	P2PLBT8 XXX / YY	300.00
	240VAC	24			
<b>Connection with Transformer</b>	XXX - Primary Voltage YY - Secondary Voltage				

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## PILOT LIGHTS

	TYPE	Colour of LED / Lens	ORDERING CODE	Price in Rs.	Price in Rs.	Price in Rs.
				with Int. LED	w/o LED Bulb	with LED Bulb
<b>Pilot Light with Integral LED</b>						
		Yellow LED / White Lens	P2PLBR1L	149.50		
	<b>Integral LED</b>	White LED / White Lens	P2PLBR1L(S)	279.50		
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	P2PLBR3L	149.50		
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	P2PLBR4L	149.50		
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	P2PLBR5L	149.50		
		Blue LED / Blue Lens	P2PLBR6L	378.00		
		Yellow LED / Clear Lens	P2PLBR7L	149.50		
		White LED / Clear Lens	P2PLBR7L(S)	279.50		
		Yellow LED / Yellow Lens	P2PLBR8L	149.50		
<b>Integral LED</b>	<b>Please mention the voltage required after the ordering code</b>					
		Yellow LED / White Lens	P2PLBR1LF	149.50		
		White LED / White Lens	P2PLBR1LF(S)	279.50		
	<b>Integral LED</b>	Green LED / Green Lens	P2PLBR3LF	149.50		
	<b>24V, 110V, 230V, AC</b>	Red LED / Red Lens	P2PLBR4LF	149.50		
		Amber LED / Amber Lens	P2PLBR5LF	149.50		
		Blue LED / Blue Lens	P2PLBR6LF	378.00		
		Yellow LED / Clear Lens	P2PLBR7LF	149.50		
		White LED / Clear Lens	P2PLBR7LF(S)	279.50		
		Yellow LED / Yellow Lens	P2PLBR8LF	149.50		
<b>Integral LED, Flasher</b>	<b>Please mention the voltage required after the ordering code</b>					
		Yellow LED / White Lens	P2PLBR1LU	274.00		
	<b>Integral LED</b>	White LED / White Lens	P2PLBR1LU(S)	389.50		
	<b>24V upto 240V AC/DC</b>	Green LED / Green Lens	P2PLBR3LU	274.00		
		Red LED / Red Lens	P2PLBR4LU	274.00		
		Amber LED / Amber Lens	P2PLBR5LU	274.00		
		Blue LED / Blue Lens	P2PLBR6LU	472.00		
		Yellow LED / Clear Lens	P2PLBR7LU	274.00		
		White LED / Clear Lens	P2PLBR7LU(S)	389.50		
		Yellow LED / Yellow Lens	P2PLBR8LU	274.00		
<b>Integral LED, Universal</b>	<b>Please mention the voltage required after the ordering code</b>					
		Yellow LED / White Lens	P2PLBR1L	189.00		
	<b>Integral LED</b>	White LED / White Lens	P2PLBR1L(S)	320.50		
	<b>415VAC</b>	Green LED / Green Lens	P2PLBR3L	189.00		
		Red LED / Red Lens	P2PLBR4L	189.00		
		Amber LED / Amber Lens	P2PLBR5L	189.00		
		Blue LED / Blue Lens	P2PLBR6L	417.00		
		Yellow LED / Clear Lens	P2PLBR7L	189.00		
		White LED / Clear Lens	P2PLBR7L(S)	320.50		
		Yellow LED / Yellow Lens	P2PLBR8L	189.00		
<b>Integral LED, 415VAC</b>	<b>Please mention the voltage required after the ordering code</b>					
		Yellow LED / White Lens	P2PLBR1L**TL	194.50		
	<b>Integral LED , Test Lamp</b>	White LED / White Lens	P2PLBR1L(S)**TL	324.00		
	<b>24V AC/DC,</b>	Green LED / Green Lens	P2PLBR3L**TL	194.50		
	<b>110VAC, 110VDC</b>	Red LED / Red Lens	P2PLBR4L**TL	194.50		
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	P2PLBR5L**TL	194.50		
		Blue LED / Blue Lens	P2PLBR6L**TL	422.50		
		Yellow LED / Clear Lens	P2PLBR7L**TL	194.50		
		White LED / Clear Lens	P2PLBR7L(S)**TL	324.00		
		Yellow LED / Yellow Lens	P2PLBR8L**TL	194.50		
<b>Integral LED, Test Lamp</b>	<b>** Please mention the voltage required after the ordering code</b>					

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PLASTIC SERIES

PILOT LIGHTS						
	TYPE	Colour of LED / Lens	ORDERING CODE	Price in Rs.	Price in Rs.	Price in Rs.
				with Int. LED	w/o LED Bulb	with LED Bulb
<b>Pilot Light with LED Bulb</b>						
		Yellow LED Bulb / White Lens	P2PLB1LB		80.00	159.00
	<b>LED Bulb, BA9S type</b>	White LED Bulb / White Lens	P2PLB1LB(S)		80.00	323.50
	<b>24V AC/DC,</b>	Green LED Bulb / Green Lens	P2PLB3LB		80.00	159.00
	<b>110VAC, 110VDC</b>	Red LED Bulb / Red Lens	P2PLB4LB		80.00	159.00
	<b>230VAC, 220VDC</b>	Amber LED Bulb / Amber Lens	P2PLB5LB		80.00	159.00
		Blue LED Bulb / Blue Lens	P2PLB6LB		80.00	344.00
		Yellow LED Bulb / Clear Lens	P2PLB7LB		80.00	159.00
		White LED Bulb / Clear Lens	P2PLB7LB(S)		80.00	323.50
	Yellow LED Bulb / Yellow Lens	P2PLB8LB		80.00	159.00	
<b>LED Bulb</b>						
	<b>LED bulb</b>	Yellow LED Bulb / White Lens	P2PLBT1LB XXX / YY			378.00
	<b>Pri. Volt    Sec. Volt</b>	White LED Bulb / White Lens	P2PLB1LB(S) XXX / YY			540.00
	<b>110VAC    6</b>	Green LED Bulb / Green Lens	P2PLB3LB XXX / YY			378.00
	<b>110VAC    12</b>	Red LED Bulb / Red Lens	P2PLB4LB XXX / YY			378.00
	<b>110VAC    24</b>	Amber LED Bulb / Amber Lens	P2PLB5LB XXX / YY			378.00
	<b>Pri. Volt    Sec. Volt</b>	Blue LED Bulb / Blue Lens	P2PLB6LB XXX / YY			564.00
	<b>240VAC    6</b>	Yellow LED Bulb / Clear Lens	P2PLB7LB XXX / YY			378.00
	<b>240VAC    12</b>	White LED Bulb / Clear Lens	P2PLB7LB(S) XXX / YY			540.00
<b>240VAC    24</b>	Yellow LED Bulb / Yellow Lens	P2PLB8LB XXX / YY			378.00	
<b>Connection with Transformer</b>			<b>XXX - Primary Voltage</b>			
			<b>YY - Secondary Voltage</b>			

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## 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
	<b>Integral LED</b>	Yellow LED / White Lens	3PLBR1L	<b>129.00</b>
	<b>6V, 12V, 24V, 48V AC/DC</b>	White LED / White Lens	3PLBR1L(S)	<b>264.50</b>
	<b>110VAC, 110VDC,</b>	Green LED / Green Lens	3PLBR3L	<b>129.00</b>
	<b>230VAC, 220VDC</b>	Red LED / Red Lens	3PLBR4L	<b>129.00</b>
		Amber LED / Amber Lens	3PLBR5L	<b>129.00</b>
		Blue LED / Blue Lens	3PLBR6L	<b>365.00</b>
		Yellow LED / Clear Lens	3PLBR7L	<b>129.00</b>
		White LED / Clear Lens	3PLBR7L(S)	<b>264.50</b>
		Yellow LED / Yellow Lens	3PLBR8L	<b>129.00</b>
	<b>Please mention the voltage required after the ordering code</b>			
	<b>Integral LED, Universal</b>	Yellow LED / White Lens	3PLBR1LU	<b>215.00</b>
	<b>24V upto 240V AC/DC</b>	White LED / White Lens	3PLBR1LU(S)	<b>338.50</b>
		Green LED / Green Lens	3PLBR3LU	<b>215.00</b>
		Red LED / Red Lens	3PLBR4LU	<b>215.00</b>
		Amber LED / Amber Lens	3PLBR5LU	<b>215.00</b>
		Blue LED / Blue Lens	3PLBR6LU	<b>439.00</b>
		Yellow LED / Clear Lens	3PLBR7LU	<b>215.00</b>
		White LED / Clear Lens	3PLBR7LU(S)	<b>338.50</b>
		Yellow LED / Yellow Lens	3PLBR8LU	<b>215.00</b>
	<b>Integral LED, dual colour</b>	<b>Green LED</b>	3PLBR34L	<b>208.00</b>
	<b>24VAC</b>	<b>Red LED</b>		
	<b>110VAC</b>	<b>White Lens</b>		
	<b>230VAC</b>			
<b>Please mention the voltage required after the ordering code</b>				
<b>Other Colour Combinations available on request.</b>				

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METALLIC SERIES

CONTACT ELEMENTS					
	TYPE			ORDERING CODE	Price in Rs.
	<b>PANEL MOUNTING</b>				
	NORMALLY OPEN (NO) SILVER CONTACT			S1	50.00
	NORMALLY OPEN (NO) SILVER CONTACT (BREAK BEFORE MAKE)			S1S	50.00
	NORMALLY OPEN (NO) SILVER CONTACT (MAKE BEFORE BREAK)			S1E	50.00
	NORMALLY CLOSED (NC) SILVER CONTACT			S2	50.00
	NORMALLY OPEN (NO) GOLD CONTACT			S3	140.50
	NORMALLY CLOSED (NC) GOLD CONTACT			S4	140.50
	<b>BASE MOUNTING</b>				
	NORMALLY OPEN (NO) SILVER CONTACT			S5	50.00
	NORMALLY CLOSED (NC) SILVER CONTACT			S6	50.00
	NORMALLY OPEN (NO) GOLD CONTACTS			S7	140.50
	NORMALLY CLOSED (NC) GOLD CONTACTS			S8	140.50

## 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	
	P2ALRP4L230AC	Red	1NO+1NC	P2PSLRP4L11230AC	
Projecting Illuminated Pushbutton with integral LED for 230V AC					
Twin Luminous Pushbutton marked "I O"	P2ATL3-F2	Lense-Green	1 NO + 1 NC	P2PSTL3F211-F401-IO130	
	-F4 IO130	Flush-Black Flush-Red	1 NC		
Flush - Flush direct connection (130V)					
Twin Luminous Pushbutton not marked	P2ATLR5-F3	Lense-Amber	1 NO	P2PSTLR5F310-P401 230	
	-P4230	Flush-Green Proj.-Red	1 NC		
Flush - Projecting with resistance and (230AC)					
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 :** All prices are on maximum retail price basis, GST extra as applicable.

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 manufacturing. 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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