

# 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:

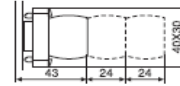
- Economy of space
- Aesthetically elegant
- SELF WIPING CONTACT
- Robust in materials of construction
- Simple to fix - screw driver is all that required
- Safe in operation
- Fixing method unaffected by excessive vibration-unit does not rotate
- Very good flame resistance
- Protection against electric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

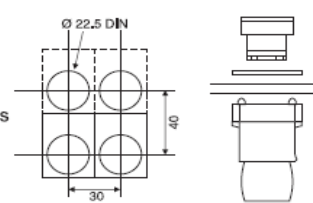
### Terminals

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 lens 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	: <b>Self wiping, slow break NO or NC</b>														
Make and break capacity															
As per IEC 947 - 5 - (1) 1990	: AC 15 4 A, 415V AC : DC 13 0.5 A, 110V DC : A 600 Q600														
As per CSA - C22.2 No. 14-95, UL508,															
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 <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>5</td> <td>4</td> <td>3</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	5	4	3	V	24	110	A	0.5	0.2
V	24	120	230												
A	5	4	3												
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>



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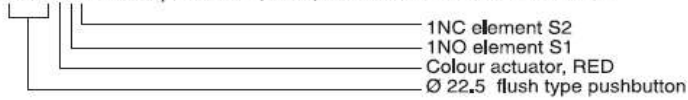
### Ordering instructions

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

2. 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 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

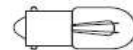
Legend plates 30 x 40 mm are supplied with the following standard texts:  
 START FORWARD UP OPEN AUTO SLOW RESET ON RIGHT TRIP  
 STOP REVERSE DOWN CLOSE HAND FAST INCH OFF LEFT POWER ON  
 Legend plate Ø 60 mm yellow with black characters for **EMERGENCY STOP**



#### Filament bulb

Filament bulb type BA9S, OAL 28mm

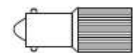
Voltage	: 6	12	24	30	48	60	130
Watts	: 1	2	2	2	2	2	2,6



#### 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

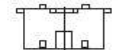
Colour of lense : Translucent White Green Red Amber Blue Clear Yellow

For pilot lights with filament bulb	2PLL1	2PLL3	2PLL4	2PLL5	2PLL6	2PLL7	2PLL8
For illuminated actuators with filament bulb (flush/projecting)	2LAL1	2LAL3	2LAL4	2LAL5	2LAL6	2LAL7	2LAL8
For pilot lights with LED	2PLL1L	2PLL3L	2PLL4L	2PLL5L	2PLL6L	2PLL7L	2PLL8L
For illuminated actuators with LED (flush/projecting)	2LAL1L	2LAL3L	2LAL4L	2LAL5L	2LAL6L	2LAL7L	2LAL8L



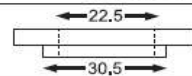
#### Push Push mechanism for converting spring return actuator into stay put type

Type No.: 2PPM



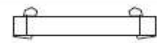
#### Adaptor for fixing Ø 22.5 devices in Ø 30.5 cutout.

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



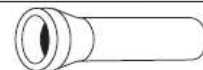
#### Boot for twin ill. actuator

Colour of Boot : Clear  
 Type No : 2ATLBT7



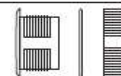
#### Bulb extractor

Type No. : 2BA9SE



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

Type No. : 2BP2









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MOMENTARY ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
	Flush	White	2AF1	54.50
		Black	2AF2	54.50
		Green	2AF3	54.50
		Red	2AF4	54.50
		Blue	2AF6	54.50
		Yellow	2AF8	54.50
	Flush with arrow marking	White	2AF1A	70.50
		Black	2AF2A	70.50
		Green	2AF3A	70.50
		Red	2AF4A	70.50
		Blue	2AF6A	70.50
		Yellow	2AF8A	70.50
	Projecting	White	2AP1	54.50
		Black	2AP2	54.50
		Green	2AP3	54.50
		Red	2AP4	54.50
		Blue	2AP6	54.50
		Yellow	2AP8	54.50
	Flush Relay Reset	White	2AF1RR	72.00
		Black	2AF2RR	72.00
		Green	2AF3RR	72.00
		Red	2AF4RR	72.00
		Blue	2AF6RR	72.00
		Yellow	2AF8RR	72.00
	Recess head	White	2AF1RH	87.00
		Black	2AF2RH	87.00
		Green	2AF3RH	87.00
		Red	2AF4RH	87.00
		Blue	2AF6RH	87.00
		Yellow	2AF8RH	87.00
	Booted	Black	2AB2	89.50
		Green	2AB3	89.50
		Red	2AB4	89.50
		Blue	2AB6	89.50
		Yellow	2AB8	89.50

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<b>MUSHROOM ACTUATORS</b>				
	<b>TYPE</b>	<b>COLOUR</b>	<b>ORDERING CODE</b>	<b>Price in Rs.</b>
		Black	2AM2	<b>88.50</b>
	<b>Momentary</b>	Green	2AM3	<b>88.50</b>
	<b>Ø 40mm</b>	Red	2AM4	<b>88.50</b>
		Blue	2AM6	<b>88.50</b>
		Yellow	2AM8	<b>88.50</b>
				
	<b>Latching</b>	Black	2AMLS2	<b>122.50</b>
	<b>Ø 30mm</b>	Red	2AMLS4	<b>122.50</b>
				
	<b>Latching</b>	Black	2AML2	<b>122.50</b>
	<b>Ø 40mm</b>	Red	2AML4	<b>122.50</b>
				
	<b>Push-Pull</b>	Black	2AMPP2	<b>122.50</b>
	<b>Ø 40mm</b>	Red	2AMPP4	<b>122.50</b>
				
	<b>Latching with Key</b>	Black	2AMLKB2	<b>246.00</b>
	<b>Ø 40mm</b>	Red	2AMLKB4	<b>246.00</b>

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MUSHROOM ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
				
	<b>Latching Trigger</b>	Black	2AMLT2	<b>183.00</b>
	<b>Ø 40mm</b>	Red	2AMLT4	<b>183.00</b>
				
	<b>Latching Trigger with key Ø 40mm</b>	Black	2AMLTKB2	<b>306.50</b>
		Red	2AMLTKB4	<b>306.50</b>
				
	<b>Latching</b>	Black	2AMLJ2	<b>159.00</b>
	<b>Ø 60mm</b>	Red	2AMLJ4	<b>159.00</b>
				
	<b>Push-Pull</b>	Black	2AMPPJ2	<b>159.00</b>
	<b>Ø 60mm</b>	Red	2AMPPJ4	<b>159.00</b>
		Black	2AMJ2	<b>121.50</b>
	<b>Momentary</b>	Green	2AMJ3	<b>121.50</b>
	<b>Ø 60mm</b>	Red	2AMJ4	<b>121.50</b>
		Blue	2AMJ6	<b>121.50</b>
		Yellow	2AMJ8	<b>121.50</b>

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## SELECTOR ACTUATORS

	TYPE		COLOUR	ORDERING CODE	Price in Rs.	
	SELECTOR					
	2 position		Black	2AS2-2P	170.00	
	LATCHING					
	With ext. knob			2AS2E-2P	170.00	
	2 position		Black	2AS2-2PSR	170.00	
	MOMENTARY					
	With ext. knob			2AS2E-2PSR	170.00	
	3 position		Black	2AS2-3P	170.00	
	STAY PUT					
	With ext. knob			2AS2E-3P	170.00	
	3 position		Black	2AS2-3PSR	185.00	
	MOMENTARY					
	on both sides					
	With ext. knob			2AS2E-3PSR	185.00	
	3 position		Black	2AS2-3PSRR	185.00	
	MOMENTARY					
	on right					
With ext. knob			2AS2E-3PSRR	185.00		
3 position		Black	2AS2-3PSRL	185.00		
MOMENTARY						
on left						
With ext. knob			2AS2E-3PSRL	185.00		

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## KEY SELECTOR




	TYPE		COLOUR	ORDERING CODE	Price in Rs.
	<b>2 POSITION Stayput</b>		Black	2AK2-2PB	236.00
				2AK2-2PO	236.00
				2AK2-2PI	236.00
	<b>Spring Return</b>		Black	2AK2-2POSR	236.00
	<b>3 POSITION Stayput</b>		Black	2AK2-3PA	246.00
				2AK2-3PB	246.00
				2AK2-3PC	246.00
	<b>Spring Return</b>		Black	2AK2-3PSR	246.00
	<b>Spring Return right to centre</b>		Black	2AK2-3PSRR	246.00
	<b>Spring Return left to centre</b>		Black	2AK2-3PSRL	246.00
	* X stands for position in which key is removable				



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TWIN ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
		Green	2ATF3F4	106.00
	<b>Double Flush</b>	Red		
	<b>w/o IO Mark</b>	Yellow	2ATF8F2	106.00
		Black		
		Green	2ATF3F4(IO)	106.00
	<b>Double Flush</b>	Red		
	<b>with IO Mark</b>	Yellow	2ATF8F2(IO)	106.00
		Black		
		Green	2ATF3P4	106.00
	<b>1 Flush,</b>	Red		
	<b>1 Projecting</b>	Yellow	2ATF8P2	106.00
	<b>w/o IO Mark</b>	Black		
		Green	2ATF3P4(IO)	106.00
	<b>1 Flush,</b>	Red		
<b>1 Projecting</b>	Yellow	2ATF8P2(IO)	106.00	
<b>with IO Mark</b>	Black			

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## Control & Signalling Devices 22.5 Ø METALLIC SERIES




ILLUMINATED ACTUATOR WITH FILAMENT BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs. w/o bulb	Price in Rs. with bulb
			Illuminated Flush, Momentary		
		White	2ALF1	118.00	147.00
	Filament Bulb	Green	2ALF3	118.00	147.00
	6V to 130V AC/DC	Red	2ALF4	118.00	147.00
		Amber	2ALF5	118.00	147.00
		Blue	2ALF6	118.00	147.00
		Clear	2ALF7	118.00	147.00
		Yellow	2ALF8	118.00	147.00
	Direct Connection	Please mention the voltage required after the ordering code			
		White	2ALRF1	125.00	154.00
	Filament Bulb	Green	2ALRF3	125.00	154.00
	24V, 48V,110V and 230 V	Red	2ALRF4	125.00	154.00
	AC/DC	Amber	2ALRF5	125.00	154.00
		Blue	2ALRF6	125.00	154.00
		Clear	2ALRF7	125.00	154.00
		Yellow	2ALRF8	125.00	154.00
	Connection with Resistor	Please mention the voltage required after the ordering code			
Illuminated Projecting, Momentary					
		White	2ALP1	118.00	147.00
	Filament Bulb	Green	2ALP3	118.00	147.00
	6V to 130V AC/DC	Red	2ALP4	118.00	147.00
		Amber	2ALP5	118.00	147.00
		Blue	2ALP6	118.00	147.00
		Clear	2ALP7	118.00	147.00
		Yellow	2ALP8	118.00	147.00
	Direct Connection	Please mention the voltage required after the ordering code			
		White	2ALRP1	125.00	154.00
	Filament Bulb	Green	2ALRP3	125.00	154.00
	24V, 48V,110V and 230 V	Red	2ALRP4	125.00	154.00
	AC/DC	Amber	2ALRP5	125.00	154.00
		Blue	2ALRP6	125.00	154.00
		Clear	2ALRP7	125.00	154.00
		Yellow	2ALRP8	125.00	154.00
	Connection with Resistor	Please mention the voltage required after the ordering code			

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ILLUMINATED FLUSH ACTUATOR WITH LED						
TYPE	COLOUR of LED / LENS	ORDERING	Price in Rs.	Price in Rs.	Price in Rs.	
		CODE	integral LED	w/o LED bulb	with LED bulb	
<b>Illuminated Flush actuator, Momentary</b>						
		Yellow LED / White Lens	2ALRF1L	198.00		
	<b>Integral LED</b>	White LED / White Lens	2ALRF1L(S)	316.00		
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	2ALRF3L	198.00		
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	2ALRF4L	198.00		
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	2ALRF5L	198.00		
		Blue LED / Blue Lens	2ALRF6L	408.50		
		Yellow LED / Clear Lens	2ALRF7L	198.00		
		White LED / Clear Lens	2ALRF7L(S)	316.00		
		Yellow LED / Yellow Lens	2ALRF8L	198.00		
<b>Integral LED</b>	Please mention the voltage required after the ordering code					
		Yellow LED Bulb / White Lens	2ALF1LB		118.00	197.00
	<b>LED Bulb, BA9S type</b>	White LED Bulb / White Lens	2ALF1LB(S)		118.00	361.50
	<b>24V AC/DC,</b>	Green LED Bulb / Green Lens	2ALF3LB		118.00	197.00
	<b>110VAC, 110VDC</b>	Red LED Bulb / Red Lens	2ALF4LB		118.00	197.00
	<b>230VAC, 220VDC</b>	Amber LED Bulb / Amber Lens	2ALF5LB		118.00	197.00
		Blue LED Bulb / Blue Lens	2ALF6LB		118.00	382.00
		Yellow LED Bulb / Clear Lens	2ALF7LB		118.00	197.00
		White LED Bulb / Clear Lens	2ALF7LB(S)		118.00	361.50
		Yellow LED Bulb / Yellow Lens	2ALF8LB		118.00	197.00
<b>LED Bulb</b>	Please mention the voltage required after the ordering code					
		White LED / White Lens	2ALRF1LF	198.00		
	<b>Integral LED, Flasher</b>	White LED / White Lens	2ALRF1L(S)F	316.50		
	<b>24V, 110V, 230V, AC</b>	Green LED / Green Lens	2ALRF3LF	198.00		
		Red LED / Red Lens	2ALRF4LF	198.00		
		Amber LED / Amber Lens	2ALRF5LF	198.00		
		Blue LED / Blue Lens	2ALRF6LF	408.50		
		Yellow LED / Clear Lens	2ALRF7LF	198.00		
		White LED / Clear Lens	2ALRF7L(S)F	316.50		
		Yellow LED / Yellow Lens	2ALRF8LF	198.00		
<b>Integral LED</b>	Please mention the voltage required after the ordering code					
<b>Illuminated Projection Actuator, Momentary</b>						
		Yellow LED / White Lens	2ALRP1L	198.00		
	<b>Integral LED</b>	White LED / White Lens	2ALRP1L(S)	316.50		
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	2ALRP3L	198.00		
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	2ALRP4L	198.00		
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	2ALRP5L	198.00		
		Blue LED / Blue Lens	2ALRP6L	408.50		
		Yellow LED / Clear Lens	2ALRP7L	198.00		
		White LED / Clear Lens	2ALRP7L(S)	316.50		
		Yellow LED / Yellow Lens	2ALRP8L	198.00		
<b>Integral LED</b>	Please mention the voltage required after the ordering code					
		Yellow LED Bulb / White Lens	2ALP1LB		118.00	197.00
	<b>LED Bulb, BA9S type</b>	White LED Bulb / White Lens	2ALP1LB(S)		118.00	361.50
	<b>24V AC/DC,</b>	Green LED Bulb / Green Lens	2ALP3LB		118.00	197.00
	<b>110VAC, 110VDC</b>	Red LED Bulb / Red Lens	2ALP4LB		118.00	197.00
	<b>230VAC, 220VDC</b>	Amber LED Bulb / Amber Lens	2ALP5LB		118.00	197.00
		Blue LED Bulb / Blue Lens	2ALP6LB		118.00	382.00
		Yellow LED Bulb / Clear Lens	2ALP7LB		118.00	197.00
		White LED Bulb / Clear Lens	2ALP7LB(S)		118.00	361.50
		Yellow LED Bulb / Yellow Lens	2ALP8LB		118.00	197.00
<b>LED Bulb</b>	Please mention the voltage required after the ordering code					
		White LED / White Lens	2ALRP1LF	198.00		
	<b>Integral LED</b>	White LED / White Lens	2ALRP1L(S)P	316.50		
	<b>24V, 110V, 230V, AC</b>	Green LED / Green Lens	2ALRP3LF	198.00		
		Red LED / Red Lens	2ALRP4LF	198.00		
		Amber LED / Amber Lens	2ALRP5LF	198.00		
		Blue LED / Blue Lens	2ALRP6LF	408.50		
		Yellow LED / Clear Lens	2ALRP7LF	198.00		
		White LED / Clear Lens	2ALRP7L(S)P	316.50		
		Yellow LED / Yellow Lens	2ALRP8LF	198.00		
<b>Integral LED</b>	Please mention the voltage required after the ordering code					

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ILLUMINATED SELECTOR WITH FILAMENT BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs. w/o bulb	Price in Rs. with bulb
<b>2 Position Stayput illuminated selector actuator</b>					
		White	2ASL1-2P	234.50	263.50
	Filament bulb	Green	2ASL3-2P	234.50	263.50
	6V to 130V AC/DC	Red	2ASL4-2P	234.50	263.50
		Amber	2ASL5-2P	234.50	263.50
		Blue	2ASL6-2P	234.50	263.50
		Clear	2ASL7-2P	234.50	263.50
		Yellow	2ASL8-2P	234.50	263.50
	<b>Direct Connection</b>	Please mention the voltage required after the ordering code			
		White	2ASLR1-2P	243.00	272.00
	Filament bulb	Green	2ASLR3-2P	243.00	272.00
	24 V,48V,110V,230V AC/DC	Red	2ASLR4-2P	243.00	272.00
		Amber	2ASLR5-2P	243.00	272.00
		Blue	2ASLR6-2P	243.00	272.00
		Clear	2ASLR7-2P	243.00	272.00
		Yellow	2ASLR8-2P	243.00	272.00
	<b>Connection with Resistor</b>	Please mention the voltage required after the ordering code			
<b>2 Position Momentary illuminated selector actuator</b>					
		White	2ASL1-2PSR	234.50	263.50
	Filament bulb	Green	2ASL3-2PSR	234.50	263.50
	6V to 130V AC/DC	Red	2ASL4-2PSR	234.50	263.50
		Amber	2ASL5-2PSR	234.50	263.50
		Blue	2ASL6-2PSR	234.50	263.50
		Clear	2ASL7-2PSR	234.50	263.50
		Yellow	2ASL8-2PSR	234.50	263.50
	<b>Direct Connection</b>	Please mention the voltage required after the ordering code			
		White	2ASLR1-2PSR	243.00	272.00
	Filament bulb	Green	2ASLR3-2PSR	243.00	272.00
	24 V,48V,110V,230V AC/DC	Red	2ASLR4-2PSR	243.00	272.00
		Amber	2ASLR5-2PSR	243.00	272.00
		Blue	2ASLR6-2PSR	243.00	272.00
		Clear	2ASLR7-2PSR	243.00	272.00
		Yellow	2ASLR8-2PSR	243.00	272.00
	<b>Connection with Resistor</b>	Please mention the voltage required after the ordering code			

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ILLUMINATED SELECTOR WITH LED							
	TYPE	COLOUR	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	2ASLR1L-2P	314.00			
	<b>Integral LED</b>	White LED / White Lens	2ASLR1L(S)-2P	415.00			
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	2ASLR3L-2P	314.00			
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	2ASLR4L-2P	314.00			
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	2ASLR5L-2P	314.00			
			Blue LED / Blue Lens	2ASLR6L-2P	495.50		
			Yellow LED / Clear Lens	2ASLR7L-2P	314.00		
			White LED / Clear Lens	2ASLR7L(S)-2P	415.00		
			Yellow LED / Yellow Lens	2ASLR8L-2P	314.00		
<b>Integral LED</b>	Please mention the voltage required after the ordering code						
		Yellow LED Bulb / White Lens	2ASL1LB-2P		234.50	313.50	
	<b>LED Bulb, BA9S type</b>	White LED Bulb / White Lens	2ASL1LB(S)-2P		234.50	478.00	
	<b>24V AC/DC,</b>	Green LED Bulb / Green Lens	2ASL3LB-2P		234.50	313.50	
	<b>110VAC, 110VDC</b>	Red LED Bulb / Red Lens	2ASL4LB-2P		234.50	313.50	
	<b>230VAC, 220VDC</b>	Amber LED Bulb / Amber Lens	2ASL5LB-2P		234.50	313.50	
			Blue LED Bulb / Blue Lens	2ASL6LB-2P		234.50	498.50
			Yellow LED Bulb / Clear Lens	2ASL7LB-2P		234.50	313.50
			White LED Bulb / Clear Lens	2ASL7LB(S)-2P		234.50	478.00
			Yellow LED Bulb / Yellow Lens	2ASL8LB-2P		234.50	313.50
<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	2ASLR1L-2PSR	314.00			
	<b>Integral LED</b>	White LED / White Lens	2ASLR1L(S)-2PSR	415.00			
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	2ASLR3L-2PSR	314.00			
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	2ASLR4L-2PSR	314.00			
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	2ASLR5L-2PSR	314.00			
			Blue LED / Blue Lens	2ASLR6L-2PSR	495.00		
			Yellow LED / Clear Lens	2ASLR7L-2PSR	314.00		
			White LED / Clear Lens	2ASLR7L(S)-2PSR	415.00		
			Yellow LED / Yellow Lens	2ASLR8L-2PSR	314.00		
<b>Integral LED</b>	Please mention the voltage required after the ordering code						
		Yellow LED Bulb / White Lens	2ASL1LB-2PSR		234.50	313.50	
	<b>LED Bulb, BA9S type</b>	White LED Bulb / White Lens	2ASL1LB(S)-2PSR		234.50	478.00	
	<b>24V AC/DC,</b>	Green LED Bulb / Green Lens	2ASL3LB-2PSR		234.50	313.50	
	<b>110VAC, 110VDC</b>	Red LED Bulb / Red Lens	2ASL4LB-2PSR		234.50	313.50	
	<b>230VAC, 220VDC</b>	Amber LED Bulb / Amber Lens	2ASL5LB-2PSR		234.50	313.50	
			Blue LED Bulb / Blue Lens	2ASL6LB-2PSR		234.50	498.50
			Yellow LED Bulb / Clear Lens	2ASL7LB-2PSR		234.50	313.50
			White LED Bulb / Clear Lens	2ASL7LB(S)-2PSR		234.50	478.00
			Yellow LED Bulb / Yellow Lens	2ASL8LB-2PSR		234.50	313.50
<b>LED Bulb</b>	Please mention the voltage required after the ordering code						















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## ILLUMINATED SELECTOR WITH FILAMENT 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	2ASL1-3P	247.50	276.50	
	Filament bulb	Green	2ASL3-3P	247.50	276.50	
	6V to 130V AC/DC	Red	2ASL4-3P	247.50	276.50	
			Amber	2ASL5-3P	247.50	276.50
			Blue	2ASL6-3P	247.50	276.50
			Clear	2ASL7-3P	247.50	276.50
			Yellow	2ASL8-3P	247.50	276.50
	Momentary	White	2ASL1-3PSR	256.50	285.50	
	Filament bulb	Green	2ASL3-3PSR	256.50	285.50	
	6V to 130V AC/DC	Red	2ASL4-3PSR	256.50	285.50	
			Amber	2ASL5-3PSR	256.50	285.50
			Blue	2ASL6-3PSR	256.50	285.50
			Clear	2ASL7-3PSR	256.50	285.50
			Yellow	2ASL8-3PSR	256.50	285.50
	Stayput / Momentary	White	2ASL1-3PSRL	256.50	285.50	
Filament bulb	Green	2ASL3-3PSRL	256.50	285.50		
Direct Connection	6V to 130V AC/DC	Red	2ASL4-3PSRL	256.50	285.50	
		Amber	2ASL5-3PSRL	256.50	285.50	
		Blue	2ASL6-3PSRL	256.50	285.50	
		Clear	2ASL7-3PSRL	256.50	285.50	
		Yellow	2ASL8-3PSRL	256.50	285.50	
	Stayput / Momentary	White	2ASL1-3PSRR	256.50	285.50	
	Filament bulb	Green	2ASL3-3PSRR	256.50	285.50	
	6V to 130V AC/DC	Red	2ASL4-3PSRR	256.50	285.50	
			Amber	2ASL5-3PSRR	256.50	285.50
			Blue	2ASL6-3PSRR	256.50	285.50
			Clear	2ASL7-3PSRR	256.50	285.50
		Yellow	2ASL8-3PSRR	256.50	285.50	
<b>3 Position illuminated selector actuator</b>						
	Stayput	White	2ASLR1-3P	258.00	287.00	
	Filament bulb	Green	2ASLR3-3P	258.00	287.00	
	24 V,48V,110V,230V AC/DC	Red	2ASLR4-3P	258.00	287.00	
			Amber	2ASLR5-3P	258.00	287.00
			Blue	2ASLR6-3P	258.00	287.00
			Clear	2ASLR7-3P	258.00	287.00
			Yellow	2ASLR8-3P	258.00	287.00
	Momentary	White	2ASLR1-3PSR	266.50	295.50	
	Filament bulb	Green	2ASLR3-3PSR	266.50	295.50	
	24 V,48V,110V,230V AC/DC	Red	2ASLR4-3PSR	266.50	295.50	
			Amber	2ASLR5-3PSR	266.50	295.50
			Blue	2ASLR6-3PSR	266.50	295.50
			Clear	2ASLR7-3PSR	266.50	295.50
			Yellow	2ASLR8-3PSR	266.50	295.50
	Stayput / Momentary	White	2ASLR1-3PSRL	266.50	295.50	
Filament bulb	Green	2ASLR3-3PSRL	266.50	295.50		
24 V,48V,110V,230V AC/DC	Red	2ASLR4-3PSRL	266.50	295.50		
Connection with Resistor		Amber	2ASLR5-3PSRL	266.50	295.50	
		Blue	2ASLR6-3PSRL	266.50	295.50	
		Clear	2ASLR7-3PSRL	266.50	295.50	
		Yellow	2ASLR8-3PSRL	266.50	295.50	
	Stayput / Momentary	White	2ASLR1-3PSRR	266.50	295.50	
	Filament bulb	Green	2ASLR3-3PSRR	266.50	295.50	
	24 V,48V,110V,230V AC/DC	Red	2ASLR4-3PSRR	266.50	295.50	
			Amber	2ASLR5-3PSRR	266.50	295.50
			Blue	2ASLR6-3PSRR	266.50	295.50
			Clear	2ASLR7-3PSRR	266.50	295.50
			Yellow	2ASLR8-3PSRR	266.50	295.50











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## ILLUMINATED SELECTOR WITH LED

	TYPE	COLOUR	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 with Integral LED</b>							
	<b>Stayput</b>	Yellow LED / White Lens	2ASLR1L-3P	329.50			
	<b>Integral LED</b>	White LED / White Lens	2ASLR1L(S)-3P	428.50			
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	2ASLR3L-3P	329.50			
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	2ASLR4L-3P	329.50			
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	2ASLR5L-3P	329.50			
			Blue LED / Blue Lens	2ASLR6L-3P	506.50		
			Yellow LED / Clear Lens	2ASLR7L-3P	329.50		
			White LED / Clear Lens	2ASLR7L(S)-3P	428.50		
			Yellow LED / Yellow Lens	2ASLR8L-3P	329.50		
	<b>Momentary</b>						
		Yellow LED / White Lens	2ASLR1L-3PSR	338.00			
	<b>Integral LED</b>	White LED / White Lens	2ASLR1L(S)-3PSR	436.00			
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	2ASLR3L-3PSR	338.00			
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	2ASLR4L-3PSR	338.00			
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	2ASLR5L-3PSR	338.00			
		Blue LED / Blue Lens	2ASLR6L-3PSR	512.00			
		Yellow LED / Clear Lens	2ASLR7L-3PSR	338.00			
		White LED / Clear Lens	2ASLR7L(S)-3PSR	436.00			
		Yellow LED / Yellow Lens	2ASLR8L-3PSR	338.00			
<b>Please mention the voltage required after the ordering code</b>							
<b>Stayput / Momentary</b>		Yellow LED / White Lens	2ASLR1L-3PSRL	338.00			
<b>Integral LED</b>		White LED / White Lens	2ASLR1L(S)-3PSRL	436.00			
<b>Integral LED</b>							
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	2ASLR3L-3PSRL	338.00			
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	2ASLR4L-3PSRL	338.00			
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	2ASLR5L-3PSRL	338.00			
		Blue LED / Blue Lens	2ASLR6L-3PSRL	512.00			
		Yellow LED / Clear Lens	2ASLR7L-3PSRL	338.00			
		White LED / Clear Lens	2ASLR7L(S)-3PSRL	436.00			
		Yellow LED / Yellow Lens	2ASLR8L-3PSRL	338.00			
<b>Stayput / Momentary</b>							
	Yellow LED / White Lens	2ASLR1L-3PSRR	338.00				
<b>Integral LED</b>	White LED / White Lens	2ASLR1L(S)-3PSRR	436.00				
<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	2ASLR3L-3PSRR	338.00				
<b>110VAC, 110VDC,</b>	Red LED / Red Lens	2ASLR4L-3PSRR	338.00				
<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	2ASLR5L-3PSRR	338.00				
		Blue LED / Blue Lens	2ASLR6L-3PSRR	512.00			
		Yellow LED / Clear Lens	2ASLR7L-3PSRR	338.00			
		White LED / Clear Lens	2ASLR7L(S)-3PSRR	436.00			
		Yellow LED / Yellow Lens	2ASLR8L-3PSRR	338.00			
<b>3 Position Illuminated Selector Actuator with LED Bulb</b>							
	<b>Stayput</b>	Yellow LED Bulb / White Lens	2ASL1LB-3P		247.50	326.50	
	<b>LED Bulb, BA9S type</b>	White LED Bulb / White Lens	2ASL1LB(S)-3P		247.50	491.00	
	<b>24V AC/DC,</b>	Green LED Bulb / Green Lens	2ASL3LB-3P		247.50	326.50	
	<b>110VAC, 110VDC</b>	Red LED Bulb / Red Lens	2ASL4LB-3P		247.50	326.50	
		<b>230VAC, 220VDC</b>	Amber LED Bulb / Amber Lens	2ASL5LB-3P		247.50	326.50
			Blue LED Bulb / Blue Lens	2ASL6LB-3P		247.50	511.50
			Yellow LED Bulb / Clear Lens	2ASL7LB-3P		247.50	326.50
			White LED Bulb / Clear Lens	2ASL7LB(S)-3P		247.50	491.00
			Yellow LED Bulb / Yellow Lens	2ASL8LB-3P		247.50	326.50
	<b>Please mention the voltage required after the ordering code</b>						
	<b>Momentary</b>		White LED / White Lens	2ASL1L-3PSR		256.50	335.50
	<b>LED Bulb, BA9S type</b>		White LED / White Lens	2ASL1L(S)-3PSR		256.50	500.00
	<b>24V AC/DC,</b>	Green LED / Green Lens	2ASL3L-3PSR		256.50	335.50	
	<b>110VAC, 110VDC</b>	Red LED / Red Lens	2ASL4L-3PSR		256.50	335.50	
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	2ASL5L-3PSR		256.50	335.50	
		Blue LED / Blue Lens	2ASL6L-3PSR		256.50	520.50	
		Yellow LED / Clear Lens	2ASL7L-3PSR		256.50	335.50	
		White LED / Clear Lens	2ASL7L(S)-3PSR		256.50	500.00	
		Yellow LED / Yellow Lens	2ASL8L-3PSR		256.50	335.50	
<b>LED Bulb</b>							
		Yellow LED / Yellow Lens	2ASL8L-3PSR		256.50	335.50	
<b>Stayput / Momentary</b>							
	Yellow LED Bulb / White Lens	2ASL1LB-3PSRL		256.50	335.50		
<b>LED Bulb, BA9S type</b>		White LED Bulb / White Lens	2ASL1LB(S)-3PSRL		256.50	500.00	
<b>24V AC/DC,</b>	Green LED Bulb / Green Lens	2ASL3LB-3PSRL		256.50	335.50		
<b>110VAC, 110VDC</b>	Red LED Bulb / Red Lens	2ASL4LB-3PSRL		256.50	335.50		
<b>230VAC, 220VDC</b>	Amber LED Bulb / Amber Lens	2ASL5LB-3PSRL		256.50	335.50		
		Blue LED Bulb / Blue Lens	2ASL6LB-3PSRL		256.50	520.50	
		Yellow LED Bulb / Clear Lens	2ASL7LB-3PSRL		256.50	335.50	
		White LED Bulb / Clear Lens	2ASL7LB(S)-3PSRL		256.50	500.00	
		Yellow LED Bulb / Yellow Lens	2ASL8LB-3PSRL		256.50	335.50	
<b>Please mention the voltage required after the ordering code</b>							
<b>Stayput / Momentary</b>		White LED / White Lens	2ASL1L-3PSRR		256.50	335.50	
<b>LED Bulb, BA9S type</b>		White LED / White Lens	2ASL1L(S)-3PSRR		256.50	500.00	
<b>24V AC/DC,</b>	Green LED / Green Lens	2ASL3L-3PSRR		256.50	335.50		
<b>110VAC, 110VDC</b>	Red LED / Red Lens	2ASL4L-3PSRR		256.50	335.50		
<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	2ASL5L-3PSRR		256.50	335.50		
		Blue LED / Blue Lens	2ASL6L-3PSRR		256.50	520.50	
		Yellow LED / Clear Lens	2ASL7L-3PSRR		256.50	335.50	
		White LED / Clear Lens	2ASL7L(S)-3PSRR		256.50	500.00	
		Yellow LED / Yellow Lens	2ASL8L-3PSRR		256.50	335.50	

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## PILOT LIGHTS WITH BULB

	TYPE	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.
				w/o bulb	with bulb
	<b>Pilot Light</b>				
		White	2PLB1	90.50	119.50
	<b>Filament Bulb</b>	Green	2PLB3	90.50	119.50
	<b>6V to 130V AC/DC</b>	Red	2PLB4	90.50	119.50
		Amber	2PLB5	90.50	119.50
		Blue	2PLB6	90.50	119.50
		Clear	2PLB7	90.50	119.50
		Yellow	2PLB8	90.50	119.50
	<b>Direct Connection</b>	<b>Please mention the voltage required after the ordering code</b>			
		White	2PLBR1	100.00	129.00
	<b>Filament Bulb</b>	Green	2PLBR3	100.00	129.00
	<b>24V,48V,110V, 230V, AC/DC</b>	Red	2PLBR4	100.00	129.00
		Amber	2PLBR5	100.00	129.00
		Blue	2PLBR6	100.00	129.00
		Clear	2PLBR7	100.00	129.00
		Yellow	2PLBR8	100.00	129.00
<b>Connection with Resistor</b>	<b>Please mention the voltage required after the ordering code</b>				
		White	2PLBR1240AC	100.00	129.00
	<b>Filament Bulb</b>	Green	2PLBR3240AC	100.00	129.00
	<b>230V AC</b>	Red	2PLBR4240AC	100.00	129.00
		Amber	2PLBR5240AC	100.00	129.00
		Blue	2PLBR6240AC	100.00	129.00
		Clear	2PLBR7240AC	100.00	129.00
		Yellow	2PLBR8240AC	100.00	129.00
<b>Connection with Resistor+Diode</b>					
	<b>Filament Bulb</b>				
	<b>Primary volt. Sec. Volt</b>	White	2PLBT1 XX / YYY		324.00
	110VAC 6	Green	2PLBT3 XX / YYY		324.00
	110VAC 12	Red	2PLBT4 XX / YYY		324.00
	110VAC 24	Amber	2PLBT5 XX / YYY		324.00
	<b>Primary volt. Sec. Volt</b>	Blue	2PLBT6 XX / YYY		324.00
	240VAC 6	Clear	2PLBT7 XX / YYY		324.00
	240VAC 12	Yellow	2PLBT8 XX / YYY		324.00
	240VAC 24				
	<b>Connection with Transformer</b>	XX - Primary Voltage YYY - Secondary Voltage			

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## PILOT LIGHTS





	Type	Colour of Lens / LED	Ordering	Price in Rs.	Price in Rs.	Price in Rs.
			Code	integral LED	w/o LED bulb	with LED bulb
<b>Pilot Light with Integral LED</b>						
		Yellow LED / White Lens	2PLBR1L	172.50		
	<b>Integral LED</b>	White LED / White Lens	2PLBR1L(S)	294.00		
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	2PLBR3L	172.50		
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	2PLBR4L	172.50		
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	2PLBR5L	172.50		
		Blue LED / Blue Lens	2PLBR6L	392.00		
		Yellow LED / Clear Lens	2PLBR7L	172.50		
		White LED / Clear Lens	2PLBR7L(S)	294.00		
		Yellow LED / Yellow Lens	2PLBR8L	172.50		
<b>Please mention the voltage required after the ordering code</b>						
<b>Integral LED</b>		Yellow LED / White Lens	2PLFBR1LF	172.50		
	<b>Integral LED, Flasher</b>	White LED / White Lens	2PLFBR1LF(S)	294.00		
	<b>6V, 12V, 24V, 48V AC/DC</b>	Green LED / Green Lens	2PLFBR3LF	172.50		
	<b>110VAC, 110VDC,</b>	Red LED / Red Lens	2PLFBR4LF	172.50		
	<b>230VAC, 220VDC</b>	Amber LED / Amber Lens	2PLFBR5LF	172.50		
		Blue LED / Blue Lens	2PLFBR6LF	392.00		
		Yellow LED / Clear Lens	2PLFBR7LF	172.50		
		White LED / Clear Lens	2PLFBR7LF(S)	294.00		
		Yellow LED / Yellow Lens	2PLFBR8LF	172.50		
		Yellow LED / White Lens	2PLBR1LU	301.50		
	<b>Integral LED, Universal</b>	White LED / White Lens	2PLBR1LU(S)	404.50		
	<b>24V upto 240V AC / DC</b>	Green LED / Green Lens	2PLBR3LU	301.50		
		Red LED / Red Lens	2PLBR4LU	301.50		
		Amber LED / Amber Lens	2PLBR5LU	301.50		
		Blue LED / Blue Lens	2PLBR6LU	485.00		
		Yellow LED / Clear Lens	2PLBR7LU	301.50		
		White LED / Clear Lens	2PLBR7LU(S)	404.50		
		Yellow LED / Yellow Lens	2PLBR8LU	301.50		
		Yellow LED / White Lens	2PLBR1L	215.00		
	<b>Integral LED</b>	White LED / White Lens	2PLBR1L(S)	336.00		
	<b>415VAC</b>	Green LED / Green Lens	2PLBR3L	215.00		
		Red LED / Red Lens	2PLBR4L	215.00		
		Amber LED / Amber Lens	2PLBR5L	215.00		
		Blue LED / Blue Lens	2PLBR6L	432.00		
		Yellow LED / Clear Lens	2PLBR7L	215.00		
		White LED / Clear Lens	2PLBR7L(S)	336.00		
		Yellow LED / Yellow Lens	2PLBR8L	215.00		
<b>Integral LED</b>						
<b>Pilot Light with LED Bulb</b>						
		Yellow LED Bulb / White Lens	2PLB1LB		90.50	170.00
	<b>LED Bulb, BA9S type</b>	White LED Bulb / White Lens	2PLB1LB(S)		90.50	334.00
	<b>24V AC/DC,</b>	Green LED Bulb / Green Lens	2PLB3LB		90.50	170.00
	<b>110VAC, 110VDC</b>	Red LED Bulb / Red Lens	2PLB4LB		90.50	170.00
	<b>230VAC, 220VDC</b>	Amber LED Bulb / Amber Lens	2PLB5LB		90.50	170.00
		Blue LED Bulb / Blue Lens	2PLB6LB		90.50	354.50
		Yellow LED Bulb / Clear Lens	2PLB7LB		90.50	170.00
		White LED Bulb / Clear Lens	2PLB7LB(S)		90.50	334.00
		Yellow LED Bulb / Yellow Lens	2PLB8LB		90.50	170.00
<b>LED Bulb</b>	<b>Please mention the voltage required after the ordering code</b>					
	<b>LED Bulb</b>	Yellow LED Bulb / White Lens	2PLBT1LB XXX / YY			375.00
	<b>Primary volt. Sec. Volt</b>	White LED Bulb / White Lens	2PLB1LB(S) XXX / YY			539.00
	<b>110VAC 6</b>	Green LED Bulb / Green Lens	2PLB3LB XXX / YY			375.00
	<b>110VAC 12</b>	Red LED Bulb / Red Lens	2PLB4LB XXX / YY			375.00
	<b>110VAC 24</b>	Amber LED Bulb / Amber Lens	2PLB5LB XXX / YY			375.00
	<b>Primary volt. Sec. Volt</b>	Blue LED Bulb / Blue Lens	2PLB6LB XXX / YY			559.00
	<b>240VAC 6</b>	Yellow LED Bulb / Clear Lens	2PLB7LB XXX / YY			375.00
	<b>240VAC 12</b>	White LED Bulb / Clear Lens	2PLB7LB(S) XXX / YY			539.00
	<b>240VAC 24</b>	Yellow LED Bulb / Yellow Lens	2PLB8LB XXX / YY			375.00
	<b>Connection with Transformer</b>			<b>XX - Primary Voltage YYY - Secondary Voltage</b>		

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## Control & Signalling Devices 22.5 Ø METALLIC SERIES

### TWIN ILLUMINATED





	Type	COLOUR	ORDERED CODE	Price in Rs.	Price in Rs.
				w/o bulb	with bulb
<b>Twin Illuminated 1 Flush, 1 Projecting (IO) Mark with Filament Bulb</b>					
	Filament bulb	Red button	2ATL5 F3P4 (IO)	173.00	202.00
	6V to 130V AC/DC	Green button			
		Amber lens			
<b>Direct Connection</b>	Please mention the voltage required after the ordering code				
	Filament bulb	Red button	2ATLR5 F3P4 (IO)	180.00	209.00
	24 V,48V,110V,230V AC/DC	Green button			
		Amber lens			
<b>Connection with Resistor</b>	Please mention the voltage required after the ordering code				
<b>Twin Illuminated Double Flush, (IO) Mark with Filament Bulb</b>					
	Filament bulb	Red button	2ATL5 F3F4 (IO)	173.00	202.00
	6V to 130V AC/DC	Green button			
		Amber lens			
<b>Direct Connection</b>	Please mention the voltage required after the ordering code				
	Filament bulb	Red button	2ATLR5 F3F4 (IO)	180.00	209.00
	24 V,48V,110V,230V AC/DC	Green button			
		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 METALLIC SERIES

TWIN ILLUMINATED WITH LED						
	TYPE	COLOUR	ORDERING CODE	Prive in Rs. with integral LED	Prive in Rs. w/o LED bulb	Prive in Rs. with LED bulb
	<b>Twin Illuminated 1 Flush, 1 Projecting (IO) Mark</b>					
	Integral LED	Green	2ATLR5LF3P4 (IO)	252.00		
	6V, 12V, 24V, 48V AC/DC	Red				
	110VAC, 110VDC, 230VAC, 220VDC	Amber lens				
<b>Integral LED</b>	Please mention the voltage required after the ordering code					
	LED Bulb,BA9S type	Green	2ATL5LBF3P4 (IO)		173.00	252.00
	24V AC/DC,	Red				
	110VAC, 110VDC 230VAC, 220VDC	Amber lens				
<b>LED Bulb</b>	Please mention the voltage required after the ordering code					
	<b>Twin Illuminated Double Flush (IO) Marked</b>					
	Integral LED	Green	2ATLR5LF3F4 (IO)	252.00		
	6V, 12V, 24V, 48V AC/DC	Red				
	110VAC, 110VDC, 230VAC, 220VDC	Amber lens				
<b>Integral LED</b>	Please mention the voltage required after the ordering code					
	LED Bulb,BA9S type	Green	2ATL5LBF3F4 (IO)		173.00	252.00
	24V AC/DC,	Red				
	110VAC, 110VDC 230VAC, 220VDC	Amber lens				
<b>LED Bulb</b>	Please mention the voltage required after the ordering code					

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## Control & Signalling Devices 22.5 Ø METALLIC SERIES

ILLUMINATED MUSHROOM					
	TYPE	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.
				w/o bulb	with bulb
<b>Illuminated Mushroom, Momentary with Filament Bulb</b>					
					
	Filament bulb	Red	2ALM4	244.50	273.50
	6V to 130V AC/DC				
<b>Direct Connection</b>	Please mention the voltage required after the ordering code				
					
	Filament bulb	Red	2ALRM4	254.00	283.00
	24 V,48V,110V,230V AC/DC				
<b>Connection with Resistor</b>	Please mention the voltage required after the ordering code				
<b>Illuminated Mushroom, Push Pull with Filament Bulb</b>					
					
	Filament bulb	Red	2ALMPP4	288.50	317.50
	6V to 130V AC/DC				
<b>Direct Connection</b>	Please mention the voltage required after the ordering code				
					
	Filament bulb	Red	2ALRMPP4	298.50	327.50
	24 V,48V,110V,230V AC/DC				
<b>Connection with Resistor</b>	Please mention the voltage required after the ordering code				

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Control & Signalling Devices 22.5 Ø  
METALLIC SERIES

ILLUMINATED MUSHROOM WITH LED						
	TYPE	COLOUR	ORDERING CODE	Price in Rs. integral LED	Price in Rs. w/o LED bulb	Price in Rs. with LED bulb
<b>Illuminated Mushroom, Momentary</b>						
	Integral LED	Red	2ALRM4L	323.00		
	6V, 12V, 24V, 48V AC/DC					
	110VAC, 110VDC,					
	230VAC, 220VDC					
<b>Integral LED</b>	Please mention the voltage required after the ordering code					
	LED Bulb, BA9S type	Red	2ALM4LB		244.50	323.50
	24V AC/DC,					
	110VAC, 110VDC					
	230VAC, 220VDC					
<b>LED Bulb</b>	Please mention the voltage required after the ordering code					
<b>Illuminated Mushroom, Push Pull</b>						
	Integral LED	Red	2ALRMPP4L	360.00		
	6V, 12V, 24V, 48V AC/DC					
	110VAC, 110VDC,					
	230VAC, 220VDC					
<b>Integral LED</b>	Please mention the voltage required after the ordering code					
	LED Bulb, BA9S type	Red	2ALMPP4LB		288.50	367.50
	24V AC/DC,					
	110VAC, 110VDC					
	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  
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**

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 Key Actuator (3Pos), Key withdrawable in left & right positions	2AK2-2PB		1NO	2PSK210-2PB	
	2AK2-3PB		1NO+1NC	2PSK211-3PB	
Selector Illuminated Pushbutton, 2 position with resistance and diode (230V) Selector Illuminated Pushbutton, 3 Position with resistance (24V)	2ASLR3-2P230AC	Green	1NO+1NC + 2LHBR230AC	2PSSLR311-2P230AC	
	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 Projecting Illuminated Pushbutton with integral LED 230 V AC	2ALRF3L24DC	Green	1NO+1NC + 2LHLR24DC	2PSLRF3L1124DC	
	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 Flush - Projecting	2ATF3-P4	Flush-Green	1NO+1NC	2PSTF311-P411	
Flush - Flush		Proj-Red	1NO+1NC		
Twin Illuminated Pushbutton marked "I O" Flush - Flush direct connection (130V)	2ATL3-F2-F4 IO130	Lense-Green	2LHB130	2PSTL3F211-F401-IO130	
		Flush-Black	1 NO + 1 NC		
		Flush-Red	1 NC		
Twin Illuminated Pushbutton not marked Flush - Projecting with resistance (24V)	2ATLR5-F3-P424	Lense-Amber	2LHBR24	2PSTLR5F310-P40124	
Flush-Green		1 NO			
Proj.-Red		1 NC			



# 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.

## TEKNIC ELECTRIC (I) PVT. LTD.

Reg.Office : 116, Hammersmith Industrial Estate, Mahim (W), Mumbai – 400016. Tel.:43626500,24451648 Fax : 24468185

Head Office : 703/704/705, Madhava, Bandra Kurla Complex, Bandra (E), Mumbai – 400051. Tel : +91-22-42532500 Fax :26592391

Works : 65, Marol Co-op. Industrial Estate Ltd., M. Vassanji Road, Andheri (East), Mumbai – 400059. Tel : +91-22-42534500 Fax:28504273

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