

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:

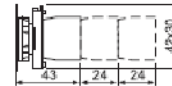
- Economy of space
- Aesthetically elegant
- SELF WIPING CONTACTS
- Robust in materials of construction
- Larger operating surface than Ø 30,5 series
- Simple to fix - screw driver is all that is required
- Safe in operation
 - Fixing method unaffected by excessive vibration-unit does not rotate
 - Very 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.

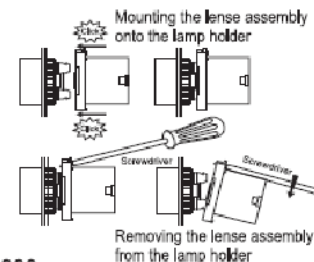
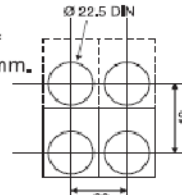
Pilot lights are available with built in transformers suitable for operating at 230, 110 volts AC input and 6 V, 12 V and 24V output.

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	:	Self wiping, slow break NO or NC
Make and break capacity	:	AC 15 4 A, 415 V AC
As per IEC 947 - 5 - (1) 1990	:	DC 13 0,5 A, 110 V DC
Terminal capacity	:	Minimum 1 x 0,5 mm ² , maximum 2 x 1,5 mm ² or 1 x 2,5 mm ²
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				DC 13		
	V	24	120	230	V	24	110
	A	4	3	2	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 mm², max. 2 x 1,5 mm² or 1 x 2,5 mm²

Control and signalling devices Ø 22.5 P series

Ordering instructions

1. Actuators, illuminated actuators, contact elements, lense assemblies & pilot lights can all be order
2. Prefix P2 for all actuators and combinations indicates Ø 22.5 P series.

2. The type numbers of contact elements are : NO: Actuator mounting : S1, S3 Note:
Individual mounting : S5, S7 S3, S4, S7, S8
NC: Actuator mounting : S2, S4 suitable for low
Individual mounting : S6, S8 switching circu

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 eleme
 1NC element S2
 1NO element S1
 Colour actuator, RE
 Ø 22.5 flush type pi

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
Type No.	: MCB9124	MCB9324	MCB9424	MCB9524	MCB9624	MCB9824
	MCB91110	MCB93110	MCB94110	MCB95110	MCB96110	MCB98110
	MCB91230	MCB93230	MCB94230	MCB95230	MCB96230	MCB98230

Lenses

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

Adaptor for fixing Ø 22.5 devices in Ø 30.5 cutout.

Type No. : 2ADP

Fixing flange

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MOMENTARY ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
		White	P2AF1	45.50
		Black	P2AF2	45.50
		Green	P2AF3	45.50
	Flush	Red	P2AF4	45.50
		Blue	P2AF6	45.50
		Yellow	P2AF8	45.50
	Marked Actuators available as per request			
		White	P2AF1A	60.00
		Black	P2AF2A	60.00
	Flush with Arrow marking	Green	P2AF3A	60.00
		Red	P2AF4A	60.00
		Blue	P2AF6A	60.00
		Yellow	P2AF8A	60.00
			White	P2AP1
		Black	P2AP2	45.50
Projecting		Green	P2AP3	45.50
		Red	P2AP4	45.50
		Blue	P2AP6	45.50
		Yellow	P2AP8	45.50
			White	P2AP10
		Black	P2AP20	60.00
	Projecting with marking	Green	P2AP30	60.00
		Red	P2AP40	60.00
		Blue	P2AP60	60.00
		Yellow	P2AP80	60.00
			White	P2AF1BT7
		Black	P2AF2BT7	77.50
		Green	P2AF3BT7	77.50
Booted		Red	P2AF4BT7	77.50
		Blue	P2AF6BT7	77.50
		Yellow	P2AF8BT7	77.50

*All actuators are supplied with fixing flange

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MUSHROOM HEAD ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
		Black	P2AM2	73.50
	Momentary Ø 40mm	Green	P2AM3	73.50
		Red	P2AM4	73.50
		Blue	P2AM6	73.50
		Yellow	P2AM8	73.50
				
	Push Pull Ø 40 mm	Black	P2AMPP2	101.00
		Red	P2AMPP4	101.00
				
	Latching Ø 30mm	Black	P2AMLS2	101.00
		Red	P2AMLS4	101.00
				
	Latching Ø 40mm	Black	P2AML2	101.00
		Red	P2AML4	101.00
				
	Latching with Key Ø 40mm	Black	P2AMLKB2	203.00
		Red	P2AMLKB4	203.00
*All actuators are supplied with fixing flange				

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MUSHROOM HEAD ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
		Black	P2AMJ2	100.00
	Momentary Ø 60mm	Green	P2AMJ3	100.00
		Red	P2AMJ4	100.00
		Blue	P2AMJ6	100.00
		Yellow	P2AMJ8	100.00
				
	Push Pull Ø 60 mm	Black	P2AMPPJ2	132.00
		Red	P2AMPPJ4	132.00
				
	Latching Ø 60mm	Black	P2AMLJ2	132.00
		Red	P2AMLJ4	132.00
				
	Trigger type	Black	P2AMLT2	152.00
	Press to Lock	Red	P2AMLT4	152.00
	turn to release Ø 40 mm			
				
	Trigger type	Black	P2AMLTKB2	253.50
	Press to Lock	Red	P2AMLTKB4	253.50
	key to release Ø 40 mm			
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SELECTOR ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	Price in Rs.
	Selector 2 position LATCHING	Black	P2AS2-2P	141.50
	with ext. knob		P2AS2E-2P	141.50
	2 position MOMENTARY	Black	P2AS2-2PSR	141.50
	with ext. knob		P2AS2E-2PSR	141.50
	3 position STAY PUT	Black	P2AS2-3P	141.50
	with ext. knob		P2AS2E-3P	141.50
	MOMENTARY on both sides	Black	P2AS2-3PSR	153.00
	with ext. knob		P2AS2E-3PSR	153.00
	3 position MOMENTARY on right	Black	P2AS2-3PSRR	153.00
	with ext. knob		P2AS2E-3PSRR	153.00
3 position MOMENTARY on left	Black	P2AS2-3PSRL	153.00	
with ext. knob		P2AS2E-3PSRL	153.00	

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TWIN ACTUATORS







TYPE	COLOUR	ORDERING CODE	Price in Rs.
	Green	P2ATF3F4	87.00
	Red		
Double Flush			
w/o IO Mark	Yellow	P2ATF8F2	87.00
	Black		
	Green	P2ATF3F4(IO)	87.00
	Red		
Double Flush			
with IO Mark	Yellow	P2ATF8F2(IO)	87.00
	Black		
	Green	P2ATF3P4	87.00
	Red		
1 Flush,			
1 Projecting			
w/o IO Mark	Yellow	P2ATF8P2	87.00
	Black		
	Green	P2ATF3P4(IO)	87.00
	Red		
1 Flush,			
1 Projecting			
with IO Mark			
	Yellow	P2ATF8P2(IO)	87.00
	Black		

*All actuators are supplied with fixing flange





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ILLUMINATED MOMENTARY ACTUATORS WITH BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.
				w/o bulb	with bulb
	Illuminated Flush				
		White	P2ALF1	97.50	116.50
	Filament Bulb	Green	P2ALF3	97.50	116.50
	6V to 130V AC/DC	Red	P2ALF4	97.50	116.50
		Amber	P2ALF5	97.50	116.50
		Blue	P2ALF6	97.50	116.50
		Clear	P2ALF7	97.50	116.50
		Yellow	P2ALF8	97.50	116.50
Direct Connection	Please mention the voltage required after the ordering code				
		White	P2ALRF1	103.50	122.50
		Green	P2ALRF3	103.50	122.50
	Filament Bulb	Red	P2ALRF4	103.50	122.50
	24V,48V,130V,230V AC/DC	Amber	P2ALRF5	103.50	122.50
		Blue	P2ALRF6	103.50	122.50
		Clear	P2ALRF7	103.50	122.50
		Yellow	P2ALRF8	103.50	122.50
Connection with Resistor	Please mention the voltage required after the ordering code				
		White	P2ALRF1 230V AC	103.50	122.50
		Green	P2ALRF3 230V AC	103.50	122.50
	Filament bulb	Red	P2ALRF4 230V AC	103.50	122.50
	230 V AC	Amber	P2ALRF5 230V AC	103.50	122.50
		Blue	P2ALRF6 230V AC	103.50	122.50
		Clear	P2ALRF7 230V AC	103.50	122.50
		Yellow	P2ALRF8 230V AC	103.50	122.50
Connection with					

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ILLUMINATED ACTUATORS WITH LED						
	Type	Colour of LED / Lens	Ordering Code	Price in Rs. with Int. LED	Price in Rs. w/o LED Bulb	Price in Rs. with LED Bulb
	Illuminated Flush, Momentary					
		Yellow LED / White Lens	P2ALRF1L	164.50		
	Integral LED	White LED / White Lens	P2ALRF1L(S)	285.00		
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ALRF3L	164.50		
	110VAC, 110VDC,	Red LED / Red Lens	P2ALRF4L	164.50		
	230VAC, 220VDC	Amber LED / Amber Lens	P2ALRF5L	164.50		
		Blue LED / Blue Lens	P2ALRF6L	368.50		
		Yellow LED / Clear Lens	P2ALRF7L	164.50		
		White LED / Clear Lens	P2ALRF7L(S)	285.00		
	Yellow LED / Yellow Lens	P2ALRF8L	164.50			
Integral	Please mention the voltage required after the ordering code					
	LED Bulb, BA9S type	Yellow LED Bulb / White Lens	P2ALF1LB		97.50	176.50
	24V AC/DC,	White LED Bulb / White Lens	P2ALF1LB(S)		97.50	341.00
	110VAC, 110VDC	Green LED Bulb / Green Lens	P2ALF3LB		97.50	203.00
	230VAC, 220VDC	Red LED Bulb / Red Lens	P2ALF4LB		97.50	176.50
		Amber LED Bulb / Amber Lens	P2ALF5LB		97.50	176.50
		Blue LED Bulb / Blue Lens	P2ALF6LB		97.50	361.50
		Yellow LED Bulb / Clear Lens	P2ALF7LB		97.50	176.50
		White LED Bulb / Clear Lens	P2ALF7LB(S)		97.50	341.00
	Yellow LED Bulb / Yellow Lens	P2ALF8LB		97.50	176.50	
Bayonet Bulb	Please mention the voltage required after the ordering code					
		Yellow LED / White Lens	P2ALRF1LF	164.50		
	Integral LED	White LED / White Lens	P2ALRF1LF(S)	285.00		
	24V, 110V, 230V, AC	Green LED / Green Lens	P2ALRF3LF	164.50		
		Red LED / Red Lens	P2ALRF4LF	164.50		
		Amber LED / Amber Lens	P2ALRF5LF	164.50		
		Blue LED / Blue Lens	P2ALRF6LF	368.50		
		Yellow LED / Clear Lens	P2ALRF7LF	164.50		
		White LED / Clear Lens	P2ALRF7LF(S)	285.00		
	Yellow LED / Yellow Lens	P2ALRF8LF	164.50			
Flasher	Please mention the voltage required after the ordering code					





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ILLUMINATED MOMENTARY ACTUATORS WITH BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.
				w/o bulb	with bulb
	Illuminated Projecting				
		White	P2ALP1	97.50	116.50
		Green	P2ALP3	97.50	116.50
	Filament Bulb	Red	P2ALP4	97.50	116.50
	6V to 130V AC/DC	Amber	P2ALP5	97.50	116.50
		Blue	P2ALP6	97.50	116.50
		Clear	P2ALP7	97.50	116.50
		Yellow	P2ALP8	97.50	116.50
Direct Connection	Please mention the voltage required after the ordering code				
		White	P2ALRP1	103.50	122.50
		Green	P2ALRP3	103.50	122.50
	Filament Bulb	Red	P2ALRP4	103.50	122.50
	24V,48V,130V,230V AC/DC	Amber	P2ALRP5	103.50	122.50
		Blue	P2ALRP6	103.50	122.50
		Clear	P2ALRP7	103.50	122.50
		Yellow	P2ALRP8	103.50	122.50
Connection with Resistor	Please mention the voltage required after the ordering code				
	Filament bulb	White	P2ALRP1 230V AC	103.50	122.50
	230 V AC	Green	P2ALRP3 230V AC	103.50	122.50
		Red	P2ALRP4 230V AC	103.50	122.50
		Amber	P2ALRP5 230V AC	103.50	122.50
		Blue	P2ALRP6 230V AC	103.50	122.50
		Clear	P2ALRP7 230V AC	103.50	122.50
	Connection with		Yellow	P2ALRP8 230V AC	103.50

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ILLUMINATED ACTUATORS WITH LED							
	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	
	Illuminated Projecting, Momentary						
		Yellow LED / White Lens	P2ALRP1L	164.50			
		White LED / White Lens	P2ALRP1L(S)	285.00			
		Green LED / Green Lens	P2ALRP3L	164.50			
	6V to 230V AC, 6V to 220V DC		Red LED / Red Lens	P2ALRP4L	164.50		
			Amber LED / Amber Lens	P2ALRP5L	164.50		
		Blue LED / Blue Lens	P2ALRP6L	368.50			
		Yellow LED / Clear Lens	P2ALRP7L	164.50			
		White LED / Clear Lens	P2ALRP7L(S)	285.00			
		Yellow LED / Yellow Lens	P2ALRP8L	164.50			
Integral	Please mention the voltage required after the ordering code						
		Yellow LED Bulb / White Lens	P2ALP1LB		97.50	176.50	
		White LED Bulb / White Lens	P2ALP1LB(S)		97.50	341.00	
		Green LED Bulb / Green Lens	P2ALP3LB		97.50	203.00	
		Red LED Bulb / Red Lens	P2ALP4LB		97.50	176.50	
	24V to 230V AC, 24V to 220V DC		Amber LED Bulb / Amber Lens	P2ALP5LB		97.50	176.50
			Blue LED Bulb / Blue Lens	P2ALP6LB		97.50	361.50
		Yellow LED Bulb / Clear Lens	P2ALP7LB		97.50	176.50	
		White LED Bulb / Clear Lens	P2ALP7LB(S)		97.50	341.00	
		Yellow LED Bulb / Yellow Lens	P2ALP8LB		97.50	176.50	
Bayonet Bulb	Please mention the voltage required after the ordering code						
		Yellow LED / White Lens	P2ALRP1LF	164.50			
		White LED / White Lens	P2ALRP1LF(S)	285.00			
		Green LED / Green Lens	P2ALRP3LF	164.50			
		Red LED / Red Lens	P2ALRP4LF	164.50			
	110V AC , 240V AC		Amber LED / Amber Lens	P2ALRP5LF	164.50		
			Blue LED / Blue Lens	P2ALRP6LF	368.50		
		Yellow LED / Clear Lens	P2ALRP7LF	164.50			
		White LED / Clear Lens	P2ALRP7LF(S)	285.00			
		Yellow LED / Yellow Lens	P2ALRP8LF	164.50			
Flasher	Please mention the voltage required after the ordering code						





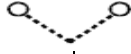
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ILLUMINATED SELECTOR WITH BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.
				w/o bulb	with bulb
	2 Position, illuminated selector actuator				
	Filament Bulb 6V to 130V AC/DC	White	P2ASL1-2P	194.00	213.00
		Green	P2ASL3-2P	194.00	213.00
		Red	P2ASL4-2P	194.00	213.00
		Amber	P2ASL5-2P	194.00	213.00
		Blue	P2ASL6-2P	194.00	213.00
		Clear	P2ASL7-2P	194.00	213.00
		Yellow	P2ASL8-2P	194.00	213.00
Direct Connection	Please mention the voltage required after the ordering code				
	Filament Bulb 24V,48V,130V,230V AC/DC	White	P2ASLR1-2P	201.00	220.00
		Green	P2ASLR3-2P	201.00	220.00
		Red	P2ASLR4-2P	201.00	220.00
		Amber	P2ASLR5-2P	201.00	220.00
		Blue	P2ASLR6-2P	201.00	220.00
		Clear	P2ASLR7-2P	201.00	220.00
		Yellow	P2ASLR8-2P	201.00	220.00
Connection with Resistor	Please mention the voltage required after the ordering code				
	Filament bulb 230 V AC	White	P2ASLR1-2P 230V AC	201.00	220.00
		Green	P2ASLR3-2P 230V AC	201.00	220.00
		Red	P2ASLR4-2P 230V AC	201.00	220.00
		Amber	P2ASLR5-2P 230V AC	201.00	220.00
		Blue	P2ASLR6-2P 230V AC	201.00	220.00
		Clear	P2ASLR7-2P 230V AC	201.00	220.00
		Yellow	P2ASLR8-2P 230V AC	201.00	220.00
Connection with Resistor+Diode					
Note :		2 Position Spring return	Replace 2P with 2PSR	201	220


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ILLUMINATED SELECTOR WITH LED						
	TYPE	Colour of LED / Lens	ORDERING CODE	Price in Rs.	Price in Rs.	Price in Rs.
				with integral LED	w/o LED bulb	with LED bulb
	2 Position illuminated selector actuator					
		Yellow LED / White Lens	P2ASLR1L-XXXXX	259.00		
		White LED / White Lens	P2ASLR1L(S)-XXXXX	374.00		
		Green LED / Green Lens	P2ASLR3L-XXXXX	259.00		
		Red LED / Red Lens	P2ASLR4L-XXXXX	259.00		
		Amber LED / Amber Lens	P2ASLR5L-XXXXX	259.00		
	Integral LED	Blue LED / Blue Lens	P2ASLR6L-XXXXX	446.00		
		Yellow LED / Clear Lens	P2ASLR7L-XXXXX	259.00		
		White LED / Clear Lens	P2ASLR7L(S)-XXXXX	374.00		
		Yellow LED / Yellow Lens	P2ASLR8L-XXXXX	259.00		
	Please mention the voltage required after the ordering code					
		Yellow LED Bulb / White Lens	P2ASL1LB-XXXXX		194.00	273.00
	LED Bulb BA9S type	White LED Bulb / White Lens	P2ASL1LB(S)-XXXXX		194.00	437.50
		Green LED Bulb / Green Lens	P2ASL3LB-XXXXX		194.00	299.50
		Red LED Bulb / Red Lens	P2ASL4LB-XXXXX		194.00	273.00
		Amber LED Bulb / Amber Lens	P2ASL5LB-XXXXX		194.00	273.00
		Blue LED Bulb / Blue Lens	P2ASL6LB-XXXXX		194.00	458.00
		Yellow LED Bulb / Clear Lens	P2ASL7LB-XXXXX		194.00	273.00
	Flasher	White LED Bulb / Clear Lens	P2ASL7LB(S)-XXXXX		194.00	437.50
		Yellow LED Bulb / Yellow Lens	P2ASL8LB-XXXXX		194.00	273.00
	Please mention the voltage required after the ordering code					
		Yellow LED / White Lens	P2ASLR1LF-XXXXX	259.00		
		White LED / White Lens	P2ASLR1LF(S)-XXXXX	374.00		
		Green LED / Green Lens	P2ASLR3LF-XXXXX	259.00		
	Red LED / Red Lens	P2ASLR4LF-XXXXX	259.00			
	Amber LED / Amber Lens	P2ASLR5LF-XXXXX	259.00			
	Blue LED / Blue Lens	P2ASLR6LF-XXXXX	446.00			
	Yellow LED / Clear Lens	P2ASLR7LF-XXXXX	259.00			
	White LED / Clear Lens	P2ASLR7LF(S)-XXXXX	374.00			
	Yellow LED / Yellow Lens	P2ASLR8LF-XXXXX	259.00			
Please mention the voltage required after the ordering code						
1		Stayput		XXXXX	2P	
2		Spring return			2PSR	
			XXXXX - Denotes Standard Execution			






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Control & Signalling Devices 22.5 Ø
PLASTIC SERIES

ILLUMINATED SELECTOR WITH BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.
				w/o bulb	with bulb
	3 Position illuminated selector actuator				
		White	P2ASL1-3P	203.50	222.50
	Filament Bulb	Green	P2ASL3-3P	203.50	222.50
	6V to 130V AC/DC	Red	P2ASL4-3P	203.50	222.50
		Amber	P2ASL5-3P	203.50	222.50
		Blue	P2ASL6-3P	203.50	222.50
		Clear	P2ASL7-3P	203.50	222.50
		Yellow	P2ASL8-3P	203.50	222.50
Direct Connection	Please mention the voltage required after the ordering code				
		White	P2ASLR1-3P	213.00	232.00
	Filament Bulb	Green	P2ASLR3-3P	213.00	232.00
	24V,48V,130V,230V AC/DC	Red	P2ASLR4-3P	213.00	232.00
		Amber	P2ASLR5-3P	213.00	232.00
		Blue	P2ASLR6-3P	213.00	232.00
		Clear	P2ASLR7-3P	213.00	232.00
		Yellow	P2ASLR8-3P	213.00	232.00
Connection with Resistor	Please mention the voltage required after the ordering code				
		White	P2ASLR1-3P 230V AC	213.00	232.00
		Green	P2ASLR3-3P 230V AC	213.00	232.00
	Filament bulb	Red	P2ASLR4-3P 230V AC	213.00	232.00
	230 V AC	Amber	P2ASLR5-3P 230V AC	213.00	232.00
		Blue	P2ASLR6-3P 230V AC	213.00	232.00
		Clear	P2ASLR7-3P 230V AC	213.00	232.00
		Yellow	P2ASLR8-3P 230V AC	213.00	232.00
Connection with Resistor+Diode	Please mention the voltage required after the ordering code				
1		3 Position Spring return		Replace 3P with 3PSR	225.00 244.00
2		3 Position Spring return Left		Replace 3P with 3PSRL	225.00 244.00
3		3 Position Spring return Right		Replace 3P with 3PSRR	225.00 244.00
Example : 3 Position Spring return right Illuminated Selector Actuator, Red, 110V DC					
Ordering Code : 2ASLR4 - 3PSRR 110V DC					

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PLASTIC SERIES

ILLUMINATED SELECTOR WITH LED						
	TYPE	Colour of LED / Lens	ORDERING CODE	Price in Rs.	Price in Rs.	Price in Rs.
				with integral LED	w/o LED bulb	with LED bulb
	3 Position Illuminated Selector Actuator, Stayput					
		Yellow LED / White Lens	P2ASLR1L-3P	272.00		
Integral LED	Integral LED	White LED / White Lens	P2ASLR1L(S)-3P	386.00		
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-3P	272.00		
	110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-3P	272.00		
	230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-3P	272.00		
		Blue LED / Blue Lens	P2ASLR6L-3P	456.00		
		Yellow LED / Clear Lens	P2ASLR7L-3P	272.00		
		White LED / Clear Lens	P2ASLR7L(S)-3P	386.00		
		Yellow LED / Yellow Lens	P2ASLR8L-3P	272.00		
Please mention the voltage required after the ordering code						
		Yellow LED Bulb / White Lens	P2ASL1LB-3P		203.50	282.50
LED Bulb	LED Bulb	White LED Bulb / White Lens	P2ASL1LB(S)-3P		203.50	447.00
	BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3P		203.50	309.00
	24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3P		203.50	282.50
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3P		203.50	282.50
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3P		203.50	467.50
		Yellow LED Bulb / Clear Lens	P2ASL7LB-3P		203.50	282.50
		White LED Bulb / Clear Lens	P2ASL7LB(S)-3P		203.50	447.00
		Yellow LED Bulb / Yellow Lens	P2ASL8LB-3P		203.50	282.50
Please mention the voltage required after the ordering code						
		Yellow LED / White Lens	P2ASLR1LF-3P	272.00		
Flasher	Integral LED	White LED / White Lens	P2ASLR1LF(S)-3P	386.00		
	24V, 110V, 230V, AC	Green LED / Green Lens	P2ASLR3LF-3P	272.00		
		Red LED / Red Lens	P2ASLR4LF-3P	272.00		
		Amber LED / Amber Lens	P2ASLR5LF-3P	272.00		
		Blue LED / Blue Lens	P2ASLR6LF-3P	456.00		
		Yellow LED / Clear Lens	P2ASLR7LF-3P	272.00		
		White LED / Clear Lens	P2ASLR7LF(S)-3P	386.00		
		Yellow LED / Yellow Lens	P2ASLR8LF-3P	272.00		
Please mention the voltage required after the ordering code						
1		Stayput	3P			

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PLASTIC SERIES

ILLUMINATED SELECTOR WITH LED						
	TYPE	Colour of LED / Lens	ORDERING CODE	Price in Rs.	Price in Rs.	Price in Rs.
				with integral LED	w/o LED bulb	with LED bulb
	3 Position Illuminated Selector Actuator, Spring Return					
		Yellow LED / White Lens	P2ASLR1L-XXXXX	280.50		
	Integral LED	White LED / White Lens	P2ASLR1L(S)-XXXXX	393.00		
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-XXXXX	280.50		
	110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-XXXXX	280.50		
	230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-XXXXX	280.50		
		Blue LED / Blue Lens	P2ASLR6L-XXXXX	461.00		
		Yellow LED / Clear Lens	P2ASLR7L-XXXXX	280.50		
		White LED / Clear Lens	P2ASLR7L(S)-XXXXX	393.00		
Integral LED		Yellow LED / Yellow Lens	P2ASLR8L-XXXXX	280.50		
Please mention the voltage required after the ordering code						
		Yellow LED Bulb / White Lens	P2ASL1LB-XXXXX		220.50	299.50
	LED Bulb	White LED Bulb / White Lens	P2ASL1LB(S)-XXXXX		220.50	464.00
	BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-XXXXX		220.50	326.00
	24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-XXXXX		220.50	299.50
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-XXXXX		220.50	299.50
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-XXXXX		220.50	484.50
		Yellow LED Bulb / Clear Lens	P2ASL7LB-XXXXX		220.50	299.50
		White LED Bulb / Clear Lens	P2ASL7LB(S)-XXXXX		220.50	464.00
LED Bulb		Yellow LED Bulb / Yellow Lens	P2ASL8LB-XXXXX		220.50	299.50
Please mention the voltage required after the ordering code						
		Yellow LED / White Lens	P2ASLR1LF-XXXXX	280.50		
	Integral LED	White LED / White Lens	P2ASLR1LF(S)-XXXXX	393.00		
	24V, 110V, 230V, AC	Green LED / Green Lens	P2ASLR3LF-XXXXX	280.50		
		Red LED / Red Lens	P2ASLR4LF-XXXXX	280.50		
		Amber LED / Amber Lens	P2ASLR5LF-XXXXX	280.50		
		Blue LED / Blue Lens	P2ASLR6LF-XXXXX	461.00		
		Yellow LED / Clear Lens	P2ASLR7LF-XXXXX	280.50		
		White LED / Clear Lens	P2ASLR7LF(S)-XXXXX	393.00		
Flasher		Yellow LED / Yellow Lens	P2ASLR8LF-XXXXX	280.50		
Please mention the voltage required after the ordering code						
			XXXXX			
1		Spring return	3PSR			
2						
		Spring return Right	3PSRR			
3						
		Spring return Left	3PSRL			
XXXXX - Denotes Standard Execution						





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Control & Signalling Devices 22.5 Ø
PLASTIC SERIES

TWIN ILLUMINATED ACTUATORS WITH BULB					
	Type	COLOUR	ORDERING CODE	Price in Rs. w/o bulb	Price in Rs. with bulb
	Illuminated Twin Flush (IO) Marked				
	Filament Bulb	Red	P2ATL5 F3F4 (IO)	142.00	161.00
	6V to 130V AC/DC	Green			
		Amber Lens			
Direct Connection	Please mention the voltage required after the ordering code				
	Filament Bulb	Red	P2ATLR5 F3F4 (IO)	149.00	168.00
	24V,48V,130V,230V AC/DC	Green			
		Amber Lens			
Connection with Resistor	Please mention the voltage required after the ordering code				
	Filament bulb	Red	P2ATLR5 F3F4 (IO) 230V AC	149.00	168.00
	230 V AC	Green			
		Amber Lens			
Connection with Resistor + Diode	Please mention the voltage required after the ordering code				
Illuminated 1 Flush, 1 Projecting (IO) Marked					
	Filament Bulb	Green	P2ATL5 F3P4 (IO)	142.00	161.00
	6V to 130V AC/DC	Red			
		Amber Lens			
Direct Connection	Please mention the voltage required after the ordering code				
	Filament Bulb	Green	P2ATLR5 F3P4 (IO)	149.00	168.00
	24V,48V,130V,230V AC/DC	Red			
		Amber Lens			
Connection with Resistor	Please mention the voltage required after the ordering code				
	Filament bulb	Green	P2ATLR5 F3P4 (IO) 230V AC	149.00	168.00
	230 V AC	Red			
		Amber Lens			
Connection with Resistor + Diode	Please mention the voltage required after the ordering code				


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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
	Twin Illuminated 1 Flush, 1 Projecting					
	Integral LED	Green	P2ATLR5L F3P4 (IO)	208.50		
	6V, 12V, 24V, 48V AC/DC	Red				
	110VAC, 110VDC,	Amber Lens / Amber LED				
	230VAC, 220VDC					
Integral	Please mention the voltage required after the ordering code					
	LED Bulb, BA9S type	Green	P2ATL5LB F3P4 (IO)		142.00	221.00
	24V AC/DC,	Red				
	110VAC, 110VDC	Amber Lens / Amber LED				
	230VAC, 220VDC					
Bayonet Bulb	Please mention the voltage required after the ordering code					
	Integral LED	Green	P2ATLR5LF3P4 (IO)F	208.50		
	24V, 110V, 230V, AC	Red				
		Amber Lens / Amber LED				
	Please mention the voltage required after the ordering code					
Flasher						

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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
	Twin Illuminated Flush (IO) Marked					
	Integral LED	Green	P2ATLR5L F3F4 (IO)	208.50		
	6V, 12V, 24V, 48V AC/DC	Red				
	110VAC, 110VDC,	Amber Lens / Amber LED				
	230VAC, 220VDC					
Integral	Please mention the voltage required after the ordering code					
	LED Bulb					
	BA9S type	Green	P2ATLR5LB F3F4 (IO)		142.00	221.00
	24V AC/DC,	Red				
	110VAC, 110VDC	Amber Lens / Amber LED				
	230VAC, 220VDC					
Bayonet Bulb	Please mention the voltage required after the ordering code					
	Integral LED	Green	P2ATLR5LF F3F4 (IO)	208.50		
	24V, 110V, 230V, AC	Red				
		Amber Lens / Amber LED				
Flasher	Please mention the voltage required after the ordering code					

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PLASTIC SERIES

PILOT LIGHTS WITH BULB					
	TYPE	COLOUR	ORDERING CODE	Price in Rs.	Price in Rs.
				w/o bulb	with bulb
	Pilot Light				
		White	P2PLB1	75.50	94.50
	Filament Bulb	Green	P2PLB3	75.50	94.50
	6V to 130V AC/DC	Red	P2PLB4	75.50	94.50
		Amber	P2PLB5	75.50	94.50
		Blue	P2PLB6	75.50	94.50
		Clear	P2PLB7	75.50	94.50
		Yellow	P2PLB8	75.50	94.50
Direct Connection					
		White	P2PLBR1	83.00	102.00
	Fil. Bulb	Green	P2PLBR3	83.00	102.00
	24V,48V,130V,230V AC/DC	Red	P2PLBR4	83.00	102.00
		Amber	P2PLBR5	83.00	102.00
		Blue	P2PLBR6	83.00	102.00
		Clear	P2PLBR7	83.00	102.00
		Yellow	P2PLBR8	83.00	102.00
Connection with Resistor					
		White	P2PLBR1240AC	83.00	102.00
	Filament bulb	Green	P2PLBR3240AC	83.00	102.00
	230 V AC	Red	P2PLBR4240AC	83.00	102.00
		Amber	P2PLBR5240AC	83.00	102.00
		Blue	P2PLBR6240AC	83.00	102.00
		Clear	P2PLBR7240AC	83.00	102.00
		Yellow	P2PLBR8240AC	83.00	102.00
Connection with Resistor + Diode					
		White	P2PLBT1XX/YYY		269.00
	Filament bulb	Green	P2PLBT3XX/YYY		269.00
		Red	P2PLBT4XX/YYY		269.00
	SEC	Amber	P2PLBT5XX/YYY		269.00
	6	Blue	P2PLBT6XX/YYY		269.00
	12	Clear	P2PLBT7XX/YYY		269.00
	24	Yellow	P2PLBT8XX/YYY		269.00
Connection with Transformer			XX - Secondary Voltage		
			YYY - Primary Voltage		

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PLASTIC SERIES

PILOT LIGHTS WITH LED

	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
	Pilot Light					
		Yellow LED / White Lens	P2PLBR1L	142.00		
	Integral LED	White LED / White Lens	P2PLBR1L(S)	279.50		
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2PLBR3L	142.00		
	110VAC, 110VDC,	Red LED / Red Lens	P2PLBR4L	142.00		
	230VAC, 220VDC	Amber LED / Amber Lens	P2PLBR5L	142.00		
		Blue LED / Blue Lens	P2PLBR6L	378.00		
		Yellow LED / Clear Lens	P2PLBR7L	142.00		
		White LED / Clear Lens	P2PLBR7L(S)	279.50		
		Yellow LED / Yellow Lens	P2PLBR8L	142.00		
Integral	Please mention the voltage required after the ordering code					
		Yellow LED Bulb / White Lens	P2PLB1LB		75.50	154.50
	LED Bulb, BA9S type	White LED Bulb / White Lens	P2PLB1LB(S)		75.50	319.00
	24V AC/DC,	Green LED Bulb / Green Lens	P2PLB3LB		75.50	181.00
	110VAC, 110VDC	Red LED Bulb / Red Lens	P2PLB4LB		75.50	154.50
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	P2PLB5LB		75.50	154.50
		Blue LED Bulb / Blue Lens	P2PLB6LB		75.50	339.50
		Yellow LED Bulb / Clear Lens	P2PLB7LB		75.50	154.50
		White LED Bulb / Clear Lens	P2PLB7LB(S)		75.50	319.00
		Yellow LED Bulb / Yellow Lens	P2PLB8LB		75.50	154.50
Bayonet Bulb	Please mention the voltage required after the ordering code					
		Yellow LED / White Lens	P2PLBR1LF	142.00		
	Integral LED	White LED / White Lens	P2PLBR1LF(S)	279.50		
	24V, 110V, 230V, AC	Green LED / Green Lens	P2PLBR3LF	142.00		
		Red LED / Red Lens	P2PLBR4LF	142.00		
		Amber LED / Amber Lens	P2PLBR5LF	142.00		
		Blue LED / Blue Lens	P2PLBR6LF	378.00		
		Yellow LED / Clear Lens	P2PLBR7LF	142.00		
		White LED / Clear Lens	P2PLBR7LF(S)	279.50		
		Yellow LED / Yellow Lens	P2PLBR8LF	142.00		
Flasher	Please mention the voltage required after the ordering code					
		Yellow LED / White Lens	P2PLBR1LU	261.00		
	Integral LED	White LED / White Lens	P2PLBR1LU(S)	389.50		
	24V upto 240V AC/DC	Green LED / Green Lens	P2PLBR3LU	261.00		
		Red LED / Red Lens	P2PLBR4LU	261.00		
		Amber LED / Amber Lens	P2PLBR5LU	261.00		
		Blue LED / Blue Lens	P2PLBR6LU	472.00		
		Yellow LED / Clear Lens	P2PLBR7LU	261.00		
		White LED / Clear Lens	P2PLBR7LU(S)	389.50		
		Yellow LED / Yellow Lens	P2PLBR8LU	261.00		
Integral	Please mention the voltage required after the ordering code					
		Yellow LED / White Lens	P2PLBR1L	180.00		
	Integral LED	White LED / White Lens	P2PLBR1L(S)	320.50		
	415VAC	Green LED / Green Lens	P2PLBR3L	181.00		
		Red LED / Red Lens	P2PLBR4L	180.00		
		Amber LED / Amber Lens	P2PLBR5L	180.00		
		Blue LED / Blue Lens	P2PLBR6L	417.00		
		Yellow LED / Clear Lens	P2PLBR7L	180.00		
		White LED / Clear Lens	P2PLBR7L(S)	320.50		
		Yellow LED / Yellow Lens	P2PLBR8L	180.00		

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PLASTIC SERIES

LED PILOT LIGHTS ECONOMY SERIES				
	Type	Colour of LED / Lens	ORDERING CODE	Price in Rs.
				with Int. LED
	Integral LED	Yellow LED / White Lens	3PLBR1L	123.00
	6V, 12V, 24V, 48V AC/DC	White LED / White Lens	3PLBR1L(S)	264.50
	110VAC, 110VDC,	Green LED / Green Lens	3PLBR3L	123.00
	230VAC, 220VDC	Red LED / Red Lens	3PLBR4L	123.00
		Amber LED / Amber Lens	3PLBR5L	123.00
		Blue LED / Blue Lens	3PLBR6L	365.00
		Yellow LED / Clear Lens	3PLBR7L	123.00
		White LED / Clear Lens	3PLBR7L(S)	264.50
		Yellow LED / Yellow Lens	3PLBR8L	123.00
	Please mention the voltage required after the ordering code			
	Integral LED	Yellow LED / White Lens	3PLBR1LU	205.00
	24V upto 240V AC/DC	White LED / White Lens	3PLBR1LU(S)	338.50
		Green LED / Green Lens	3PLBR3LU	205.00
		Red LED / Red Lens	3PLBR4LU	205.00
		Amber LED / Amber Lens	3PLBR5LU	205.00
		Blue LED / Blue Lens	3PLBR6LU	439.00
		Yellow LED / Clear Lens	3PLBR7LU	205.00
		White LED / Clear Lens	3PLBR7LU(S)	338.50
		Yellow LED / Yellow Lens	3PLBR8LU	205.00
	Please mention the voltage required after the ordering code			
	Integral LED, dual colour	Green LED	3PLBR34L	198.00
	24VAC	Red LED		
	110VAC	White Lens		
	230VAC			
Please mention the voltage required after the ordering code				
Other Colour Combinations available on request.				


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PLASTIC SERIES

CONTACT ELEMENTS

	TYPE	ORDERING CODE	Price in Rs.	
	PANEL MOUNTING			
	NORMALLY OPEN SILVER CONTACTS	S1	47.50	
	NORMALLY CLOSED SILVER CONTACTS	S2	47.50	
	NORMALLY OPEN GOLD CONTACTS	S3	134.00	
	NORMALLY CLOSED GOLD CONTACTS	S4	134.00	
	BASE MOUNTING			
	NORMALLY OPEN SILVER CONTACTS	S5	47.50	
	NORMALLY CLOSED SILVER CONTACTS	S6	47.50	
	NORMALLY OPEN GOLD CONTACTS	S7	134.00	
	NORMALLY CLOSED GOLD CONTACTS	S8	134.00	


SPECIAL PURPOSE ACTUATORS

	TYPE	COLOUR	ORDERING CODE	Price in Rs.
	Flush Relay	White	P2AF1RR	58.50
	Reset Actuators	Black	P2AF2RR	58.50
		Green	P2AF3RR	58.50
		Red	P2AF4RR	58.50
		Blue	P2AF6RR	58.50
		Yellow	P2AF8RR	58.50

*All actuators are supplied with fixing flange


ACCESSORIES

Multichip LED type BA9S

	Colour:	White	Green	Red	Amber	Blue	Yellow
	Code :	MCB91	MCB93	MCB94	MCB95	MCB96	MCB98
	Price in Rs.	243.50	105.50	79.00	79.00	264.00	79.00

Please put supply voltage 24 / 48 / 110AC / 110DC / 230AC / 220 DC after the part no. of LED bulbs

Push Push Mechanism to convert momentary actuators into latching type

	Ordering Code. : 2PPM
	Price in Rs: 35.00

Common types of control and signalling devices Ø 22,5 P series

Description	Type of Actuator or Lense Assembly	Colour of Actuator or Lense	Contact Elements NO = S1 NC = S2 or Lamp Holder	Type of complete Control or Signalling Device	
Flush Pushbutton	P2AF3	Green	1NO	P2PSF310	
	P2AF8	Yellow	2NO+1NC	P2PSF821	
Projecting Pushbutton	P2AP2	Black	2NC	P2PSP202	
	P2AP4	Red	3NO+3NC	P2PSP433	
Booted Pushbutton	P2AB3BT7	Green	2NO	P2PSB3BT720	
	P2AB4BT7	Red	2NC	P2PSB4BT702	
Mushroom Pushbutton Spring return	P2AM2	Black	1NO+1NC	P2PSM211	
	P2AM4	Red	1NC	P2PSM401	
Mushroom Pushbutton latching turn to release	P2AML2	Black	1NC	P2PSML201	
	P2AML4	Red	2NO+2NC	P2PSML422	
Mushroom Pushbutton latching, key to release	P2AMLKB4	Red	1NO+1NC	P2PSMLKB411	
Selector Actuator(2 Pos)	P2AS2-2P	Black	1NO	P2PSS210-2P	
Selector Actuator(3 Pos)	P2AS2-3P	Black	1NO+1NC	P2PSS211-3P	
Key Actuator (2 Pos), key removable in both positions Key Actuator (3 Pos), key removable in left & right positions	P2AK2-2PB		1NO	P2PSK210-2PB	
	P2AK2-3PB		1NO+1NC	P2PSK211-3PB	
Twin Pushbutton marked "I O" Flush - Flush	P2ATF2-F4-IO	Flush-Black	1 NO	P2PSTF210-F401-IO	
		Flush-Red	1 NC		
Twin Pushbutton not marked Flush - Projecting	P2ATF3-P4	Flush-Green	1NO+1NC	P2PSTF311-P411	
		Proj-Red	1NO+1NC		
Flush Illuminated Pushbutton with integral LED for 24V DC Projecting Illuminated Pushbutton with integral LED for 230V AC	P2ALRF3L24DC	Green	1NO+1NC	P2PSLRF3L1124DC	
	P2ALRP4L230AC	Red	1NO+1NC	P2PSLRP4L11230AC	
Twin Luminous Pushbutton marked "I O" Flush - Flush direct connection (130V)	P2ATL3-F2-F4 IO130	Lense-Green	1 NO + 1 NC	P2PSTL3F211-F401-IO130	
		Flush-Black			
Twin Luminous Pushbutton not marked Flush - Projecting with resistance and (230AC)	P2ATLR5-F3-P4230	Lense-Amber	1 NO	P2PSTLR5F310-P401 230	
		Flush-Green			
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	