

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:

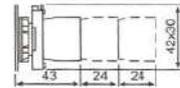
- Economy of space • Aesthetically elegant • SELF WIPING CONTACTS • Robust in materials of construction
- Larger operating surface than Ø 30.5 series • Simple to fix - screw driver is all that is required
- Safe in operation
 - Fixing method unaffected by excessive vibration-unit does not rotate
 - Very 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.

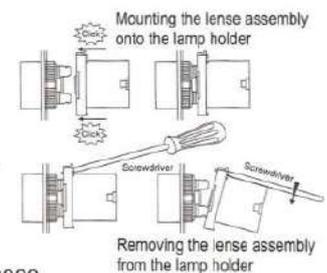
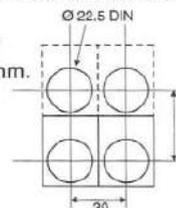
Pilot lights are available with built in transformers suitable for operating at 230, 110 volts AC input and 6 V, 12 V and 24V output.

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	:															
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 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 <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 ² , max. 2 x 1.5 mm ² or 1 x 2.5 mm ²

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

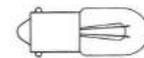
Legend plates 30 x 40 mm are supplied with the following standard texts:
 START FORWARD UP OPEN AUTO SLOW RESET ON RIGHT TRIP
 STOP REVERSE DOWN CLOSE HAND FAST INCH OFF LEFT POWER ON
 Legend plate Ø 60 mm yellow with black characters for **EMERGENCY STOP**



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

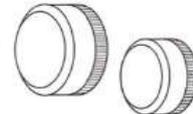
LED multichip bulb type BA9S, OAL 28mm

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



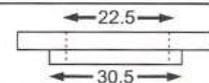
Lenses

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



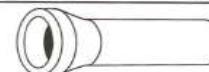
Boot for twin illuminated actuator

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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MOMENTARY ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	
		White	P2AF1	
		Black	P2AF2	
		Green	P2AF3	
	Flush	Red	P2AF4	
		Blue	P2AF6	
		Yellow	P2AF8	
		White	P2AF1A	
		Black	P2AF2A	
	Flush with Arrow marking	Green	P2AF3A	
		Red	P2AF4A	
		Blue	P2AF6A	
		Yellow	P2AF8A	
		White	P2AP1	
		Black	P2AP2	
	Projecting	Green	P2AP3	
		Red	P2AP4	
		Blue	P2AP6	
		Yellow	P2AP8	
	Flush Relay	White	P2AF1RR	
	Reset Actuators	Black	P2AF2RR	
		Green	P2AF3RR	
		Red	P2AF4RR	
		Blue	P2AF6RR	
		Yellow	P2AF8RR	
		White	P2AF1BT7	
		Black	P2AF2BT7	
		Green	P2AF3BT7	
	Booted	Red	P2AF4BT7	
		Blue	P2AF6BT7	
		Yellow	P2AF8BT7	

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MUSHROOM HEAD ACTUATORS				
	TYPE	COLOUR	ORDERING CODE	
		Black	P2AM2	
	Momentary Ø 40mm	Green	P2AM3	
		Red	P2AM4	
		Blue	P2AM6	
		Yellow	P2AM8	
				
	Push Pull Ø 40 mm	Black	P2AMPP2	
		Red	P2AMPP4	
				
	Latching Ø 30mm	Black	P2AMLS2	
		Red	P2AMLS4	
				
	Latching Ø 40mm	Black	P2AML2	
		Red	P2AML4	
				
	Latching with Key Ø 40mm	Black	P2AMLKB2	
		Red	P2AMLKB4	

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Control & Signalling Devices 22.5 Ø PLASTIC SERIES

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

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

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

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

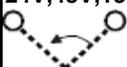
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Control & Signalling Devices 22.5 Ø PLASTIC SERIES

ILLUMINATED ACTUATORS WITH INTEGRAL LED / LED BULB			
	Type	Colour of LED / Lens	Ordering Code
Illuminated Flush, Momentary			
		Yellow LED / White Lens	P2ALRF1L
	Integral LED	White LED / White Lens	P2ALRF1L(S)
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ALRF3L
	110VAC, 110VDC,	Red LED / Red Lens	P2ALRF4L
	230VAC, 220VDC	Amber LED / Amber Lens	P2ALRF5L
		Blue LED / Blue Lens	P2ALRF6L
		Yellow LED / Clear Lens	P2ALRF7L
		White LED / Clear Lens	P2ALRF7L(S)
		Yellow LED / Yellow Lens	P2ALRF8L
Integral	Please mention the voltage required after the ordering code		
	LED Bulb, BA9S type	Yellow LED Bulb / White Lens	P2ALF1LB
	24V AC/DC,	White LED Bulb / White Lens	P2ALF1LB(S)
	110VAC, 110VDC	Green LED Bulb / Green Lens	P2ALF3LB
	230VAC, 220VDC	Red LED Bulb / Red Lens	P2ALF4LB
		Amber LED Bulb / Amber Lens	P2ALF5LB
		Blue LED Bulb / Blue Lens	P2ALF6LB
		Yellow LED Bulb / Clear Lens	P2ALF7LB
		White LED Bulb/ Clear Lens	P2ALF7LB(S)
		Yellow LED Bulb / Yellow Lens	P2ALF8LB
Bayonet Bulb	Please mention the voltage required after the ordering code		
		Yellow LED / White Lens	P2ALRF1LF
	Integral LED	White LED / White Lens	P2ALRF1LF(S)
	24V, 110V, 230V, AC	Green LED / Green Lens	P2ALRF3LF
		Red LED / Red Lens	P2ALRF4LF
		Amber LED / Amber Lens	P2ALRF5LF
		Blue LED / Blue Lens	P2ALRF6LF
		Yellow LED / Clear Lens	P2ALRF7LF
		White LED / Clear Lens	P2ALRF7LF(S)
		Yellow LED / Yellow Lens	P2ALRF8LF
Flasher	Please mention the voltage required after the ordering code		
Illuminated Projecting, Momentary			
		Yellow LED / White Lens	P2ALRP1L
	Integral LED	White LED / White Lens	P2ALRP1L(S)
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ALRP3L
	110VAC, 110VDC,	Red LED / Red Lens	P2ALRP4L
	230VAC, 220VDC	Amber LED / Amber Lens	P2ALRP5L
		Blue LED / Blue Lens	P2ALRP6L
		Yellow LED / Clear Lens	P2ALRP7L
		White LED / Clear Lens	P2ALRP7L(S)
		Yellow LED / Yellow Lens	P2ALRP8L
Integral	Please mention the voltage required after the ordering code		
	LED Bulb, BA9S type	Yellow LED Bulb / White Lens	P2ALP1LB
	24V AC/DC,	White LED Bulb / White Lens	P2ALP1LB(S)
	110VAC, 110VDC	Green LED Bulb / Green Lens	P2ALP3LB
	230VAC, 220VDC	Red LED Bulb / Red Lens	P2ALP4LB
		Amber LED Bulb / Amber Lens	P2ALP5LB
		Blue LED Bulb / Blue Lens	P2ALP6LB
		Yellow LED Bulb / Clear Lens	P2ALP7LB
		White LED Bulb/ Clear Lens	P2ALP7LB(S)
		Yellow LED Bulb / Yellow Lens	P2ALP8LB
Bayonet Bulb	Please mention the voltage required after the ordering code		
		Yellow LED / White Lens	P2ALRP1LF
	Integral LED	White LED / White Lens	P2ALRP1LF(S)
	24V, 110V, 230V, AC	Green LED / Green Lens	P2ALRP3LF
		Red LED / Red Lens	P2ALRP4LF
		Amber LED / Amber Lens	P2ALRP5LF
		Blue LED / Blue Lens	P2ALRP6LF
		Yellow LED / Clear Lens	P2ALRP7LF
		White LED / Clear Lens	P2ALRP7LF(S)
		Yellow LED / Yellow Lens	P2ALRP8LF
Flasher	Please mention the voltage required after the ordering code		

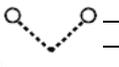
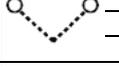
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Control & Signalling Devices 22.5 Ø PLASTIC SERIES

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

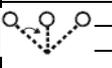
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Control & Signalling Devices 22.5 Ø PLASTIC SERIES

ILLUMINATED SELECTOR ACTUATOR WITH LED						
	TYPE	Colour of LED / Lens	ORDERING CODE			
2 Position Stayput illuminated selector actuator						
		Yellow LED / White Lens	P2ASLR1L-2P			
	Integral LED	White LED / White Lens	P2ASLR1L(S)-2P			
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-2P			
	110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-2P			
	230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-2P			
			Blue LED / Blue Lens	P2ASLR6L-2P		
			Yellow LED / Clear Lens	P2ASLR7L-2P		
			White LED / Clear Lens	P2ASLR7L(S)-2P		
			Yellow LED / Yellow Lens	P2ASLR8L-2P		
Integral LED	Please mention the voltage required after the ordering code					
		Yellow LED Bulb / White Lens	P2ASL1LB-2P			
	LED Bulb BA9S type	White LED Bulb / White Lens	P2ASL1LB(S)-2P			
	24V AC/DC,	Green LED Bulb / Green Lens	P2ASL3LB-2P			
	110VAC, 110VDC	Red LED Bulb / Red Lens	P2ASL4LB-2P			
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-2P			
			Blue LED Bulb / Blue Lens	P2ASL6LB-2P		
			Yellow LED Bulb / Clear Lens	P2ASL7LB-2P		
			White LED Bulb / Clear Lens	P2ASL7LB(S)-2P		
			Yellow LED Bulb / Yellow Lens	P2ASL8LB-2P		
LED Bulb	Please mention the voltage required after the ordering code					
2 Position Momentary illuminated selector actuator						
		Yellow LED / White Lens	P2ASLR1L-2PSR			
	Integral LED	White LED / White Lens	P2ASLR1L(S)-2PSR			
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-2PSR			
	110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-2PSR			
	230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-2PSR			
			Blue LED / Blue Lens	P2ASLR6L-2PSR		
			Yellow LED / Clear Lens	P2ASLR7L-2PSR		
			White LED / Clear Lens	P2ASLR7L(S)-2PSR		
			Yellow LED / Yellow Lens	P2ASLR8L-2PSR		
Integral LED	Please mention the voltage required after the ordering code					
		Yellow LED Bulb / White Lens	P2ASL1LB-2PSR			
	LED Bulb BA9S type	White LED Bulb / White Lens	P2ASL1LB(S)-2PSR			
	24V AC/DC,	Green LED Bulb / Green Lens	P2ASL3LB-2PSR			
	110VAC, 110VDC	Red LED Bulb / Red Lens	P2ASL4LB-2PSR			
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-2PSR			
			Blue LED Bulb / Blue Lens	P2ASL6LB-2PSR		
			Yellow LED Bulb / Clear Lens	P2ASL7LB-2PSR		
			White LED Bulb / Clear Lens	P2ASL7LB(S)-2PSR		
			Yellow LED Bulb / Yellow Lens	P2ASL8LB-2PSR		
LED Bulb	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 BULB						
	TYPE	COLOUR	ORDERING CODE			
3 Position illuminated selector actuator						
	Stayput	White	P2ASL1-3P			
	Filament Bulb	Green	P2ASL3-3P			
		6V to 130V AC/DC	Red	P2ASL4-3P		
			Amber	P2ASL5-3P		
			Blue	P2ASL6-3P		
			Clear	P2ASL7-3P		
			Yellow	P2ASL8-3P		
	Please mention the voltage required after the ordering code					
	Momentary	White	P2ASL1-3PSR			
	Filament Bulb	Green	P2ASL3-3PSR			
		6V to 130V AC/DC	Red	P2ASL4-3PSR		
			Amber	P2ASL5-3PSR		
			Blue	P2ASL6-3PSR		
			Clear	P2ASL7-3PSR		
		Yellow	P2ASL8-3PSR			
Please mention the voltage required after the ordering code						
Direct Connection		Momentary/Stayput	White	P2ASL1-3PSRL		
		Filament Bulb	Green	P2ASL3-3PSRL		
		6V to 130V AC/DC	Red	P2ASL4-3PSRL		
			Amber	P2ASL5-3PSRL		
			Blue	P2ASL6-3PSRL		
		Clear	P2ASL7-3PSRL			
		Yellow	P2ASL8-3PSRL			
	Please mention the voltage required after the ordering code					
			Momentary/Stayput	White	P2ASL1-3PSRR	
			Filament Bulb	Green	P2ASL3-3PSRR	
			6V to 130V AC/DC	Red	P2ASL4-3PSRR	
				Amber	P2ASL5-3PSRR	
				Blue	P2ASL6-3PSRR	
			Clear	P2ASL7-3PSRR		
		Yellow	P2ASL8-3PSRR			
Please mention the voltage required after the ordering code						
3 Position illuminated selector actuator						
			Stayput	White	P2ASLR1-3P	
			Filament Bulb	Green	P2ASLR3-3P	
			24V,48V,130V,230V AC/DC	Red	P2ASLR4-3P	
				Amber	P2ASLR5-3P	
				Blue	P2ASLR6-3P	
		Clear	P2ASLR7-3P			
		Yellow	P2ASLR8-3P			
	Please mention the voltage required after the ordering code					
			Momentary	White	P2ASLR1-3PSR	
			Filament Bulb	Green	P2ASLR3-3PSR	
			24V,48V,130V,230V AC/DC	Red	P2ASLR4-3PSR	
				Amber	P2ASLR5-3PSR	
				Blue	P2ASLR6-3PSR	
			Clear	P2ASLR7-3PSR		
		Yellow	P2ASLR8-3PSR			
Please mention the voltage required after the ordering code						
Connection with Resistor			Momentary/Stayput	White	P2ASLR1-3PSRL	
			Filament Bulb	Green	P2ASLR3-3PSRL	
			24V,48V,130V,230V AC/DC	Red	P2ASLR4-3PSRL	
				Amber	P2ASLR5-3PSRL	
				Blue	P2ASLR6-3PSRL	
			Clear	P2ASLR7-3PSRL		
		Yellow	P2ASLR8-3PSRL			
	Please mention the voltage required after the ordering code					
			Momentary/Stayput	White	P2ASLR1-3PSRR	
			Filament Bulb	Green	P2ASLR3-3PSRR	
			24V,48V,130V,230V AC/DC	Red	P2ASLR4-3PSRR	
				Amber	P2ASLR5-3PSRR	
				Blue	P2ASLR6-3PSRR	
			Clear	P2ASLR7-3PSRR		
		Yellow	P2ASLR8-3PSRR			
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			
3 Position Illuminated Selector Actuator						
	Stayput	Yellow LED / White Lens	P2ASLR1L-3P			
	Integral LED	White LED / White Lens	P2ASLR1L(S)-3P			
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-3P			
	110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-3P			
	230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-3P			
			Blue LED / Blue Lens	P2ASLR6L-3P		
			Yellow LED / Clear Lens	P2ASLR7L-3P		
			White LED / Clear Lens	P2ASLR7L(S)-3P		
		Yellow LED / Yellow Lens	P2ASLR8L-3P			
	Please mention the voltage required after the ordering code					
		Momentary	Yellow LED / White Lens	P2ASLR1L-3PSR		
		Integral LED	White LED / White Lens	P2ASLR1L(S)-3PSR		
		6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-3PSR		
		110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-3PSR		
		230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-3PSR		
			Blue LED / Blue Lens	P2ASLR6L-3PSR		
			Yellow LED / Clear Lens	P2ASLR7L-3PSR		
			White LED / Clear Lens	P2ASLR7L(S)-3PSR		
		Yellow LED / Yellow Lens	P2ASLR8L-3PSR			
Please mention the voltage required after the ordering code						
		Momentary/Stayput	Yellow LED / White Lens	P2ASLR1L-3PSRL		
		Integral LED	White LED / White Lens	P2ASLR1L(S)-3PSRL		
		6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-3PSRL		
		110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-3PSRL		
		230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-3PSRL		
			Blue LED / Blue Lens	P2ASLR6L-3PSRL		
			Yellow LED / Clear Lens	P2ASLR7L-3PSRL		
			White LED / Clear Lens	P2ASLR7L(S)-3PSRL		
		Yellow LED / Yellow Lens	P2ASLR8L-3PSRL			
	Please mention the voltage required after the ordering code					
		Momentary/Stayput	Yellow LED / White Lens	P2ASLR1L-3PSRR		
		Integral LED	White LED / White Lens	P2ASLR1L(S)-3PSRR		
		6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2ASLR3L-3PSRR		
		110VAC, 110VDC,	Red LED / Red Lens	P2ASLR4L-3PSRR		
		230VAC, 220VDC	Amber LED / Amber Lens	P2ASLR5L-3PSRR		
			Blue LED / Blue Lens	P2ASLR6L-3PSRR		
			Yellow LED / Clear Lens	P2ASLR7L-3PSRR		
			White LED / Clear Lens	P2ASLR7L(S)-3PSRR		
		Yellow LED / Yellow Lens	P2ASLR8L-3PSRR			
Please mention the voltage required after the ordering code						
3 Position Illuminated Selector Actuator with LED Bulb						
		Stayput	Yellow LED Bulb / White Lens	P2ASL1LB-3P		
		LED Bulb	White LED Bulb / White Lens	P2ASL1LB(S)-3P		
		BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3P		
		24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3P		
	110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3P			
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3P			
			Yellow LED Bulb / Clear Lens	P2ASL7LB-3P		
			White LED Bulb / Clear Lens	P2ASL7LB(S)-3P		
			Yellow LED Bulb / Yellow Lens	P2ASL8LB-3P		
	Please mention the voltage required after the ordering code					
		Momentary	Yellow LED Bulb / White Lens	P2ASL1LB-3PSR		
		LED Bulb	White LED Bulb / White Lens	P2ASL1LB(S)-3PSR		
		BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3PSR		
		24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3PSR		
		110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3PSR		
230VAC, 220VDC		Blue LED Bulb / Blue Lens	P2ASL6LB-3PSR			
			Yellow LED Bulb / Clear Lens	P2ASL7LB-3PSR		
			White LED Bulb / Clear Lens	P2ASL7LB(S)-3PSR		
			Yellow LED Bulb / Yellow Lens	P2ASL8LB-3PSR		
Please mention the voltage required after the ordering code						
		Momentary/Stayput	Yellow LED Bulb / White Lens	P2ASL1LB-3PSRL		
		LED Bulb	White LED Bulb / White Lens	P2ASL1LB(S)-3PSRL		
		BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3PSRL		
		24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3PSRL		
		110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3PSRL		
	230VAC, 220VDC	Blue LED Bulb / Blue Lens	P2ASL6LB-3PSRL			
			Yellow LED Bulb / Clear Lens	P2ASL7LB-3PSRL		
			White LED Bulb / Clear Lens	P2ASL7LB(S)-3PSRL		
			Yellow LED Bulb / Yellow Lens	P2ASL8LB-3PSRL		
	Please mention the voltage required after the ordering code					
		Momentary/Stayput	Yellow LED Bulb / White Lens	P2ASL1LB-3PSRR		
		LED Bulb	White LED Bulb / White Lens	P2ASL1LB(S)-3PSRR		
		BA9S type	Green LED Bulb / Green Lens	P2ASL3LB-3PSRR		
		24V AC/DC,	Red LED Bulb / Red Lens	P2ASL4LB-3PSRR		
		110VAC, 110VDC	Amber LED Bulb / Amber Lens	P2ASL5LB-3PSRR		
230VAC, 220VDC		Blue LED Bulb / Blue Lens	P2ASL6LB-3PSRR			
			Yellow LED Bulb / Clear Lens	P2ASL7LB-3PSRR		
			White LED Bulb / Clear Lens	P2ASL7LB(S)-3PSRR		
			Yellow LED Bulb / Yellow Lens	P2ASL8LB-3PSRR		
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	
	Twin Illuminated 1 Flush, 1 Projecting (IO) Mark			
	Filament Bulb	Red	P2ATL5 F3P4 (IO)	
	6V to 130V AC/DC	Green		
		Amber Lens		
Direct Connection	Please mention the voltage required after the ordering code			
	Filament Bulb	Red	P2ATLR5 F3P4 (IO)	
	24V,48V,130V,230V AC/DC	Green		
		Amber Lens		
Connection with Resistor	Please mention the voltage required after the ordering code			
	Twin Illuminated Double Flush, (IO) Mark			
	Filament Bulb	Red	P2ATL5 F3F4 (IO)	
	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)	
	24V,48V,130V,230V AC/DC	Green		
		Amber Lens		
Connection with Resistor	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		
Twin Illuminated 1 Flush, 1 Projecting, (IO) Mark					
	Integral LED	Green	P2ATLR5L F3P4 (IO)		
	6V, 12V, 24V, 48V AC/DC	Red			
	110VAC, 110VDC, 230VAC, 220VDC	Amber Lens / Amber LED			
Integral LED	Please mention the voltage required after the ordering code				
	LED Bulb, BA9S type	Green	P2ATLR5LB F3P4 (IO)		
	24V AC/DC,	Red			
	110VAC, 110VDC, 230VAC, 220VDC	Amber Lens / Amber LED			
LED Bulb	Please mention the voltage required after the ordering code				
Twin Illuminated Double Flush, (IO) Mark					
	Integral LED	Green	P2ATLR5L F3F4 (IO)		
	6V, 12V, 24V, 48V AC/DC	Red			
	110VAC, 110VDC, 230VAC, 220VDC	Amber Lens / Amber LED			
Integral LED	Please mention the voltage required after the ordering code				
	LED Bulb, BA9S type	Green	P2ATLR5LB F3F4 (IO)		
	24V AC/DC,	Red			
	110VAC, 110VDC, 230VAC, 220VDC	Amber Lens / Amber LED			
LED Bulb	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	
	Pilot Light				
			White	P2PLB1	
	Filament Bulb		Green	P2PLB3	
	6V to 130V AC/DC		Red	P2PLB4	
			Amber	P2PLB5	
			Blue	P2PLB6	
			Clear	P2PLB7	
			Yellow	P2PLB8	
	Direct Connection	Please mention the voltage required after the ordering code			
			White	P2PLBR1	
	Fil. Bulb		Green	P2PLBR3	
	24V,48V,130V,230V AC/DC		Red	P2PLBR4	
			Amber	P2PLBR5	
			Blue	P2PLBR6	
			Clear	P2PLBR7	
			Yellow	P2PLBR8	
	Connection with Resistor	Please mention the voltage required after the ordering code			
			White	P2PLBR1240AC	
	Filament bulb		Green	P2PLBR3240AC	
	230 V AC		Red	P2PLBR4240AC	
			Amber	P2PLBR5240AC	
			Blue	P2PLBR6240AC	
			Clear	P2PLBR7240AC	
			Yellow	P2PLBR8240AC	
	Connection with Resistor + Diode				
	Filament bulb				
	Primary volt.	Secondary Volt.	White	P2PLBT1 XXX / YY	
	110VAC	06	Green	P2PLBT3 XXX / YY	
	110VAC	12	Red	P2PLBT4 XXX / YY	
	110VAC	24	Amber	P2PLBT5 XXX / YY	
	Primary volt.	Secondary Volt.	Blue	P2PLBT6 XXX / YY	
	240VAC	06	Clear	P2PLBT7 XXX / YY	
	240VAC	12	Yellow	P2PLBT8 XXX / YY	
	240VAC	24			
Connection with Transformer			XXX - Primary Voltage		
			YY - Secondary Voltage		

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Control & Signalling Devices 22.5 Ø PLASTIC SERIES

PILOT LIGHTS

	TYPE	Colour of LED / Lens	ORDERING CODE			
Pilot Light with Integral LED						
		Yellow LED / White Lens	P2PLBR1L			
	Integral LED	White LED / White Lens	P2PLBR1L(S)			
	6V, 12V, 24V, 48V AC/DC	Green LED / Green Lens	P2PLBR3L			
	110VAC, 110VDC,	Red LED / Red Lens	P2PLBR4L			
	230VAC, 220VDC	Amber LED / Amber Lens	P2PLBR5L			
		Blue LED / Blue Lens	P2PLBR6L			
		Yellow LED / Clear Lens	P2PLBR7L			
		White LED / Clear Lens	P2PLBR7L(S)			
	Yellow LED / Yellow Lens	P2PLBR8L				
Integral LED	Please mention the voltage required after the ordering code					
		Yellow LED / White Lens	P2PLBR1LF			
		White LED / White Lens	P2PLBR1LF(S)			
	Integral LED	Green LED / Green Lens	P2PLBR3LF			
	24V, 110V, 230V, AC	Red LED / Red Lens	P2PLBR4LF			
		Amber LED / Amber Lens	P2PLBR5LF			
		Blue LED / Blue Lens	P2PLBR6LF			
		Yellow LED / Clear Lens	P2PLBR7LF			
		White LED / Clear Lens	P2PLBR7LF(S)			
	Yellow LED / Yellow Lens	P2PLBR8LF				
Integral LED, Flasher	Please mention the voltage required after the ordering code					
		Yellow LED / White Lens	P2PLBR1LU			
	Integral LED	White LED / White Lens	P2PLBR1LU(S)			
	24V upto 240V AC/DC	Green LED / Green Lens	P2PLBR3LU			
		Red LED / Red Lens	P2PLBR4LU			
		Amber LED / Amber Lens	P2PLBR5LU			
		Blue LED / Blue Lens	P2PLBR6LU			
		Yellow LED / Clear Lens	P2PLBR7LU			
		White LED / Clear Lens	P2PLBR7LU(S)			
	Yellow LED / Yellow Lens	P2PLBR8LU				
Integral LED, Universal	Please mention the voltage required after the ordering code					
		Yellow LED / White Lens	P2PLBR1L			
	Integral LED	White LED / White Lens	P2PLBR1L(S)			
	415VAC	Green LED / Green Lens	P2PLBR3L			
		Red LED / Red Lens	P2PLBR4L			
		Amber LED / Amber Lens	P2PLBR5L			
		Blue LED / Blue Lens	P2PLBR6L			
		Yellow LED / Clear Lens	P2PLBR7L			
		White LED / Clear Lens	P2PLBR7L(S)			
	Yellow LED / Yellow Lens	P2PLBR8L				
Integral LED, 415VAC	Please mention the voltage required after the ordering code					
		Yellow LED / White Lens	P2PLBR1L**TL			
	Integral LED , Test Lamp	White LED / White Lens	P2PLBR1L(S)**TL			
	24V AC/DC,	Green LED / Green Lens	P2PLBR3L**TL			
	110VAC, 110VDC	Red LED / Red Lens	P2PLBR4L**TL			
	230VAC, 220VDC	Amber LED / Amber Lens	P2PLBR5L**TL			
		Blue LED / Blue Lens	P2PLBR6L**TL			
		Yellow LED / Clear Lens	P2PLBR7L**TL			
		White LED / Clear Lens	P2PLBR7L(S)**TL			
	Yellow LED / Yellow Lens	P2PLBR8L**TL				
Integral LED, Test Lamp	** Please mention the voltage required after the ordering code					

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Control & Signalling Devices 22.5 Ø PLASTIC SERIES

PILOT LIGHTS					
	TYPE	Colour of LED / Lens	ORDERING CODE		
Pilot Light with LED Bulb					
		Yellow LED Bulb / White Lens	P2PLB1LB		
	LED Bulb, BA9S type	White LED Bulb / White Lens	P2PLB1LB(S)		
	24V AC/DC,	Green LED Bulb / Green Lens	P2PLB3LB		
	110VAC, 110VDC	Red LED Bulb / Red Lens	P2PLB4LB		
	230VAC, 220VDC	Amber LED Bulb / Amber Lens	P2PLB5LB		
		Blue LED Bulb / Blue Lens	P2PLB6LB		
		Yellow LED Bulb / Clear Lens	P2PLB7LB		
		White LED Bulb / Clear Lens	P2PLB7LB(S)		
	Yellow LED Bulb / Yellow Lens	P2PLB8LB			
LED Bulb					
	LED bulb	Yellow LED Bulb / White Lens	P2PLBT1LB XXX / YY		
	Pri. Volt Sec. Volt	White LED Bulb / White Lens	P2PLB1LB(S) XXX / YY		
	110VAC 6	Green LED Bulb / Green Lens	P2PLB3LB XXX / YY		
	110VAC 12	Red LED Bulb / Red Lens	P2PLB4LB XXX / YY		
	110VAC 24	Amber LED Bulb / Amber Lens	P2PLB5LB XXX / YY		
	Pri. Volt Sec. Volt	Blue LED Bulb / Blue Lens	P2PLB6LB XXX / YY		
	240VAC 6	Yellow LED Bulb / Clear Lens	P2PLB7LB XXX / YY		
	240VAC 12	White LED Bulb / Clear Lens	P2PLB7LB(S) XXX / YY		
240VAC 24	Yellow LED Bulb / Yellow Lens	P2PLB8LB XXX / YY			
Connection with Transformer			XXX - Primary Voltage		
			YY - Secondary Voltage		

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Control & Signalling Devices 22.5 Ø PLASTIC SERIES

LED PILOT LIGHTS ECONOMY SERIES				
	Type	Colour of LED / Lens	ORDERING CODE	
	Integral LED	Yellow LED / White Lens	3PLBR1L	
	6V, 12V, 24V, 48V AC/DC	White LED / White Lens	3PLBR1L(S)	
	110VAC, 110VDC,	Green LED / Green Lens	3PLBR3L	
	230VAC, 220VDC	Red LED / Red Lens	3PLBR4L	
		Amber LED / Amber Lens	3PLBR5L	
		Blue LED / Blue Lens	3PLBR6L	
		Yellow LED / Clear Lens	3PLBR7L	
		White LED / Clear Lens	3PLBR7L(S)	
		Yellow LED / Yellow Lens	3PLBR8L	
	Please mention the voltage required after the ordering code			
	Integral LED, Universal	Yellow LED / White Lens	3PLBR1LU	
	24V upto 240V AC/DC	White LED / White Lens	3PLBR1LU(S)	
		Green LED / Green Lens	3PLBR3LU	
		Red LED / Red Lens	3PLBR4LU	
		Amber LED / Amber Lens	3PLBR5LU	
		Blue LED / Blue Lens	3PLBR6LU	
		Yellow LED / Clear Lens	3PLBR7LU	
		White LED / Clear Lens	3PLBR7LU(S)	
		Yellow LED / Yellow Lens	3PLBR8LU	
		Integral LED, dual colour	Green LED	3PLBR34L
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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Control & Signalling Devices 22.5 Ø METALLIC SERIES

CONTACT ELEMENTS			
	TYPE	ORDERING CODE	
PANEL MOUNTING			
	NORMALLY OPEN (NO) SILVER CONTACT	S1	
	NORMALLY OPEN (NO) SILVER CONTACT (BREAK BEFORE MAKE)	S1S	
	NORMALLY OPEN (NO) SILVER CONTACT (MAKE BEFORE BREAK)	S1E	
	NORMALLY CLOSED (NC) SILVER CONTACT	S2	
	NORMALLY OPEN (NO) GOLD CONTACT	S3	
	NORMALLY CLOSED (NC) GOLD CONTACT	S4	
BASE MOUNTING			
	NORMALLY OPEN (NO) SILVER CONTACT	S5	
	NORMALLY CLOSED (NC) SILVER CONTACT	S6	
	NORMALLY OPEN (NO) GOLD CONTACTS	S7	
	NORMALLY CLOSED (NC) GOLD CONTACTS	S8	

Common types of control and signalling devices Ø 22.5 P series

Description	Type of Actuator or Lense Assembly	Colour of Actuator or Lense	Contact Elements NO = S1 NC = S2 or Lamp Holder	Type of complete Control or Signalling Device	
Flush Pushbutton	P2AF3	Green	1NO	P2PSF310	
	P2AF8	Yellow	2NO+1NC	P2PSF821	
Projecting Pushbutton	P2AP2	Black	2NC	P2PSP202	
	P2AP4	Red	3NO+3NC	P2PSP433	
Booted Pushbutton	P2AB3BT7	Green	2NO	P2PSB3BT720	
	P2AB4BT7	Red	2NC	P2PSB4BT702	
Mushroom Pushbutton Spring return	P2AM2	Black	1NO+1NC	P2PSM211	
	P2AM4	Red	1NC	P2PSM401	
Mushroom Pushbutton latching turn to release	P2AML2	Black	1NC	P2PSML201	
	P2AML4	Red	2NO+2NC	P2PSML422	
Mushroom Pushbutton latching, key to release	P2AMLKB4	Red	1NO+1NC	P2PSMLKB411	
Selector Actuator(2 Pos)	P2AS2-2P	Black	1NO	P2PSS210-2P	
Selector Actuator(3 Pos)	P2AS2-3P	Black	1NO+1NC	P2PSS211-3P	
Key Actuator (2 Pos), key removable in both positions	P2AK2-2PB		1NO	P2PSK210-2PB	
Key Actuator (3 Pos), key removable in left & right positions	P2AK2-3PB		1NO+1NC	P2PSK211-3PB	
Twin Pushbutton marked "I O"	P2ATF2-F4-IO	Flush-Black	1 NO	P2PSTF210-F401-IO	
Flush - Flush		Flush-Red	1 NC		
Twin Pushbutton not marked	P2ATF3-P4	Flush-Green	1NO+1NC	P2PSTF311-P411	
Flush - Projecting		Proj-Red	1NO+1NC		
Flush Illuminated Pushbutton with integral LED for 24V DC	P2ALRF3L24DC	Green	1NO+1NC	P2PSLRF3L1124DC	
Projecting Illuminated Pushbutton with integral LED for 230V AC	P2ALRP4L230AC	Red	1NO+1NC	P2PSLRP4L11230AC	
Twin Luminous Pushbutton marked "I O" Flush - Flush direct connection (130V)	P2ATL3-F2-F4 IO130	Lense-Green Flush-Black Flush-Red	1 NO + 1 NC 1 NC	P2PSTL3F211-F401-IO130	
Twin Luminous Pushbutton not marked Flush - Projecting with resistance and (230AC)	P2ATLR5-F3-P4230	Lense-Amber Flush-Green Proj.-Red	1 NO 1 NC	P2PSTLR5F310-P401 230	
Pilot Light for direct connection upto 130V	P2PLLA3	Green	2LHB130	P2PLB3130	
	P2PLLA4	Red	2LHB130	2PLPB4130	
Pilot Light through resistor and diode for 230 V AC. Bulb:130 V.	P2PLLA5	Amber	2LHBR230 AC	P2PLBR5230AC	
	P2PLLA6	Blue	2LHBR230 AC	P2PLBR6230AC	
Pilot Light with transformer for 230 V Bulb:24 V.	P2PLLA4	Red	2LHBT230/24	P2PLBT4230/24	
	P2PLLA3	Green	2LHBT230/24	P2PLBT3230/24	
Pilot Light with LED bulb for 110V AC Bulb: 110V	P2PLLA5	Amber	2LHLB110	P2PLB5LB110	
Pilot light economy type with integral LED for 220 DC	-	White	-	3PLBR1L220DC	