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Control and Signaling Devices $\varnothing$ 22．5 Plastic Series MRP with effect from 01．11．2021


## Salient features

This range of $\varnothing 22.5$ 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 COTACT • Robust in materiels of construction
- Simple to fix - screw driver is all that required - Safe in operation Very good flame resistance
- Fixing method unaffected by excessive vibration-Unit does not rotate - Shrouded terminals
- Protection against electric shock (unit earthed)


## 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 $<25 \mathrm{~mA}$, 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.. $\qquad$ : 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 $6 \mathrm{~V}, 12 \mathrm{~V}, 24 \mathrm{~V}, 30 \mathrm{~V}, 48 \mathrm{~V}, 110 \mathrm{~V}, 230 \mathrm{~V}, \mathrm{AC}$ or DC and 415 V 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 but in transformers suitable for operating at 230.110 volts AC Input and $6 \mathrm{~V}, 12 \mathrm{~V}$ and 24 V output.

## Terminals

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

## Fixing

The P Series control devices $\varnothing 22.5$ can be fixed in any position on panels of 1 to 5 mm thickness. We recommend minimum fixing centres of $30 \mathrm{~mm} \times 40 \mathrm{~mm}$
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

Standard conformity
CSA - C22.2 No. 14-95, UL508, IEC 947 • 5 (1) 1990, IS 13947
Approval
ASTA UK certified as per IEC 947-5-(1) 1990
CSA - C22.2 No. $14^{\circ} 95$, UL508
Degree of protection
IP 65 as per IEC 529 , NEMA $4 \mathrm{X}, 12$ as per UL 50
Ambient
$-25^{\prime}$ C to $+70^{\prime}$ C
Operating Position
: All Position

## 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 $154 \mathrm{~A}, 415 \mathrm{~V}$ AC

As per CSA - C22.2 No. 14-95, UL508
: DC13 0.5A 110V DC
: A 600 Q600
Terminal capacity
: minimum $1 \times 0.5 \mathrm{~mm}^{\prime}$, maximum $2 \times 1.5 \mathrm{~mm}^{\prime}$ or $1 \times 2.5 \mathrm{~mm}^{\prime}$
Terminal marking
: 1-2 for NC, 3-4 for NO
Short circuit protection
: 10 A cartridge ruse 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 )

$$
\operatorname{AC} 15 \begin{array}{cccc}
\mathrm{V} & 24 & 120 & 230 \\
\cline { 1 - 2 } & 5 & 4 & 3
\end{array} \quad \mathrm{DC} 13 \begin{array}{ccc}
\mathrm{V} & 24 & 110 \\
\hline \mathrm{~A} & 0.5 & 0.2
\end{array}
$$

Modules for pilot light \& illuminated switches with integral LED I multichip LED bulb (BA9S cap)
Current consumptions (applicable to all colours)

| $24 \mathrm{VAC} / \mathrm{DC}, 110$ VAC \& 240 VAC | $: \max .20 \mathrm{~mA}$ |
| :--- | :--- |
| 110 VDC | $: \max .15 \mathrm{~mA}$ |
| 220 VDC | $: \max .10 \mathrm{~mA}$ |
| Service life (al nominal voltage and at | $: 50,000$ hours |
| Ambient temperature of $25^{\circ} \mathrm{C}$ ) |  |
| Voltage limits (nominal voltage) | $:<20 \%$ of rated voltage> |
| Short circuit protection | $:$ on specific request |
| Terminal capacity | $:$ min. $1 \times 0.5 \mathrm{~mm} 2$, max. $2 \times 1.5 \mathrm{~mm} 2$ or $1 \times 2.5 \mathrm{~mm} 2$ |

## Control and signalling devices $\varnothing$ 22.5 P series

## Ordering instructions

1. Actuators, illuminated actuators, contact elements, lense assemblies \& pilot lights can all be ordered separately or in combination.
2. Prefix P2 for all actuators and combinations indicates $\varnothing 22.5 \mathrm{P}$ series.


| Actuator <br> Pilot light <br> Complete pushbutton | Type P2AF3 is flush actuator, G <br> Type P2PLB4 is pilot light witho <br> Type P2PSF411 is flush pushb |
| :--- | :--- |



LED bulb



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| PLASTIC SERIES |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| MOMENTARY ACTUATORS |  |  |  |  |
|  | TYPE | COLOUR | ORDERING CODE | PRICE IN Rs. |
|  | Flush | White | P2AF1 | 57.50 |
|  |  | Black | P2AF2 | 57.50 |
|  |  | Green | P2AF3 | 57.50 |
|  |  | Red | P2AF4 | 57.50 |
|  |  | Blue | P2AF6 | 57.50 |
|  |  | Yellow | P2AF8 | 57.50 |
|  | Projecting | White | P2AP1 | 57.50 |
|  |  | Black | P2AP2 | 57.50 |
|  |  | Green | P2AP3 | 57.50 |
|  |  | Red | P2AP4 | 57.50 |
|  |  | Blue | P2AP6 | 57.50 |
|  |  | Yellow | P2AP8 | 57.50 |
|  | Flush with arrow marking |  |  |  |
|  |  | White | P2AF1A | 77.00 |
|  |  | Black | P2AF2A | 77.00 |
|  |  |  |  |  |
|  |  |  |  |  |
|  | Flush Relay Reset | White | P2AF1RR | 75.00 |
|  |  | Black | P2AF2RR | 75.00 |
|  |  | Green | P2AF3RR | 75.00 |
|  |  | Red | P2AF4RR | 75.00 |
|  |  | Blue | P2AF6RR | 75.00 |
|  |  | Yellow | P2AF8RR | 75.00 |
|  | Booted |  |  |  |
|  |  | White | P2AF1BT7 | 117.50 |
|  |  | Black | P2AF2BT7 | 117.50 |
|  |  | Green | P2AF3BT7 | 117.50 |
|  |  | Red | P2AF4BT7 | 117.50 |
|  |  | Blue | P2AF6BT7 | 117.50 |
|  |  | Yellow | P2AF8BT7 | 117.50 |

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PLASTIC SERIES
SELECTOR ACTUATORS

|  | TYPE |  | COLOUR | ORDERING CODE | PRICE IN Rs. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2 position LATCHING | Q. 0 | Black | P2AS2-2P | 176.00 |
|  | With ext. knob |  |  | P2AS2E-2P | 176.00 |
|  | MOMENTARY | $\mathrm{Q}_{\because \because \ldots}$ |  | P2AS2-2PSR | 176.00 |
|  | With ext. knob |  |  | P2AS2E-2PSR | 176.00 |
|  | 3 position STAY PUT | $0$ | Black | P2AS2-3P | 176.00 |
|  | With ext. knob |  |  | P2AS2E-3P | 176.00 |
|  | MOMENTARY on both sides |  |  | P2AS2-3PSR | 190.50 |
|  | With ext. knob |  |  | P2AS2E-3PSR | 190.50 |
|  | MOMENTARY on right | Q 0 |  | P2AS2-3PSRR | 190.50 |
|  | With ext. knob |  |  | P2AS2E-3PSRR | 190.50 |
|  | MOMENTARY on left |  |  | P2AS2-3PSRL | 190.50 |
|  | With ext. knob |  |  | P2AS2E-3PSRL | 190.50 |

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## PLASTIC SERIES

KEY SELECTOR ACTUATORS


| TYPE |  | COLOUR | ORDERING CODE | PRICE IN Rs. |
| :---: | :---: | :---: | :---: | :---: |
| 2 POSITION Stayput | $\stackrel{x}{0}^{\circ}$ | Black | P2AK2-2PB | 242.00 |
|  | $\stackrel{x}{0}$ |  | P2AK2-2PO | 242.00 |
|  |  |  | P2AK2-2PI | 242.00 |
| Spring Return | $\stackrel{l}{x}_{0}^{0}$ |  | P2AK2-2POSR | 242.00 |
| 3 POSITION Stayput | $\mathrm{x}_{\mathrm{Q}}^{\mathrm{Q}} \mathrm{x}$ | Black | P2AK2-3PA | 253.00 |
|  | $\stackrel{x}{Q}$ O. ${ }^{\text {O }}$ |  | P2AK2-3PB | 253.00 |
|  | $0$ |  | P2AK2-3PC | 253.00 |
| Spring Return |  |  | P2AK2-3PSR | 253.00 |
| Right to Centre |  |  | P2AK2-3PSRR | 253.00 |
| Left to Centre |  |  | P2AK2-3PSRL | 253.00 |
| * X stands for position in which key is removable |  |  |  |  |

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| PLASTIC SERIES |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| ILLUMINATED SELECTOR WITH FILAMENT BULB |  |  |  |  |
|  | TYPE | COLOUR | ORDERING CODE | PRICE IN Rs． WITH BULB |
|  | 2 Position Stayput |  |  |  |
|  | Filament bulb 6 V to 130 V AC／DC | White | P2ASL1－2P | 275.00 |
|  |  | Green | P2ASL3－2P | 275.00 |
|  |  | Red | P2ASL4－2P | 275.00 |
|  |  | Amber | P2ASL5－2P | 275.00 |
|  |  | Blue | P2ASL6－2P | 275.00 |
|  |  | Clear | P2ASL7－2P | 275.00 |
|  |  | Yellow | P2ASL8－2P | 275.00 |
| Direct Connection | Please mention the voltage required after the ordering code |  |  |  |
|  | Filament bulb <br> $24 \mathrm{~V}, 48 \mathrm{~V}, 110 \mathrm{~V}$ ， <br> 230V AC／DC | White | P2ASLR1－2P | 285.00 |
|  |  | Green | P2ASLR3－2P | 285.00 |
|  |  | Red | P2ASLR4－2P | 285.00 |
|  |  | Amber | P2ASLR5－2P | 285.00 |
|  | $Q_{\ddots}$ | Blue | P2ASLR6－2P | 285.00 |
|  |  | Clear | P2ASLR7－2P | 285.00 |
|  |  | Yellow | P2ASLR8－2P | 285.00 |
| Connection with Resistor | Please mention the voltage required after the ordering code |  |  |  |
|  | 2 Position Momentary |  |  |  |
|  | Filament bulb 6 V to 130 V AC／DC | White | P2ASL1－2PSR | 275.00 |
|  |  | Green | P2ASL3－2PSR | 275.00 |
|  |  | Red | P2ASL4－2PSR | 275.00 |
|  |  | Amber | P2ASL5－2PSR | 275.00 |
|  |  | Blue | P2ASL6－2PSR | 275.00 |
|  |  | Clear | P2ASL7－2PSR | 275.00 |
|  |  | Yellow | P2ASL8－2PSR | 275.00 |
| Direct Connection | Please mention the voltage required after the ordering code |  |  |  |
|  | Filament bulb <br> $24 \mathrm{~V}, 48 \mathrm{~V}, 110 \mathrm{~V}$ ， <br> 230 V AC／DC | White | P2ASLR1－2PSR | 285.00 |
|  |  | Green | P2ASLR3－2PSR | 285.00 |
|  |  | Red | P2ASLR4－2PSR | 285.00 |
|  |  | Amber | P2ASLR5－2PSR | 285.00 |
|  | $0$ | Blue | P2ASLR6－2PSR | 285.00 |
|  |  | Clear | P2ASLR7－2PSR | 285.00 |
|  |  | Yellow | P2ASLR8－2PSR | 285.00 |
| Connection with Resistor | Please mention the voltage required after the ordering code |  |  |  |

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| PLASTIC SERIES |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ILLUMINATED SELECTOR WITH LED／LED BULB |  |  |  |  |  |
|  | TYPE | COLOUR | ORDERING CODE | PRICE IN Rs． INTEGRAL LED | PRICE IN Rs． WITH LED BULB |
|  | 3 Position Illuminated Selector Actuator |  |  |  |  |
|  | Stayput | White LED／White Lens | P2ASLR1L（S）－3P | 457.00 |  |
|  | Integral LED | Green LED／Green Lens | P2ASLR3L－3P | 338.00 |  |
|  | 6V，12V，24V，48V AC／DC | Red LED／Red Lens | P2ASLR4L－3P | 338.00 |  |
|  | 110VAC，110VDC， | Amber LED／Amber Lens | P2ASLR5L－3P | 338.00 |  |
|  | 230VAC，220VDC | Blue LED／Blue Lens | P2ASLR6L－3P | 539.00 |  |
|  | $\bigcirc$ | White LED／Clear Lens | P2ASLR7L（S）－3P | 457.00 |  |
|  |  | Yellow LED／Yellow Lens | P2ASLR8L－3P | 338.00 |  |
|  | Please mention the voltage required after the ordering code |  |  |  |  |
|  | Momentary | White LED／White Lens | P2ASLR1L（S）－3PSR | 464.50 |  |
|  | Integral LED | Green LED／Green Lens | P2ASLR3L－3PSR | 348.00 |  |
|  | 6V，12V，24V，48V AC／DC | Red LED／Red Lens | P2ASLR4L－3PSR | 348.00 |  |
|  | 110VAC，110VDC， | Amber LED／Amber Lens | P2ASLR5L－3PSR | 348.00 |  |
|  | 230VAC，220VDC | Blue LED／Blue Lens | P2ASLR6L－3PSR | 545.00 |  |
|  | Po | White LED／Clear Lens | P2ASLR7L（S）－3PSR | 464.50 |  |
|  |  | Yellow LED／Yellow Lens | P2ASLR8L－3PSR | 348.00 |  |
|  | Please mention the voltage required after the ordering code |  |  |  |  |
|  | Stayput／Momentary | White LED／White Lens | P2ASLR1L（S）－3PSRL | 464.50 |  |
|  | Integral LED | Green LED／Green Lens | P2ASLR3L－3PSRL | 348.00 |  |
|  | 6V，12V，24V，48V AC／DC | Red LED／Red Lens | P2ASLR4L－3PSRL | 348.00 |  |
|  | 110VAC，110VDC， | Amber LED／Amber Lens | P2ASLR5L－3PSRL | 348.00 |  |
|  | 230VAC，220VDC | Blue LED／Blue Lens | P2ASLR6L－3PSRL | 545.00 |  |
|  |  | White LED／Clear Lens | P2ASLR7L（S）－3PSRL | 464.50 |  |
|  |  | Yellow LED／Yellow Lens | P2ASLR8L－3PSRL | 348.00 |  |
|  | Please mention the voltage required after the ordering code |  |  |  |  |
|  | Stayput／Momentary | White LED／White Lens | P2ASLR1L（S）－3PSRR | 464.50 |  |
|  | Integral LED | Green LED／Green Lens | P2ASLR3L－3PSRR | 348.00 |  |
|  | 6V，12V， $24 \mathrm{~V}, 48 \mathrm{~V}$ AC／DC | Red LED／Red Lens | P2ASLR4L－3PSRR | 348.00 |  |
|  | 110VAC，110VDC， | Amber LED／Amber Lens | P2ASLR5L－3PSRR | 348.00 |  |
|  | 230VAC，220VDC | Blue LED／Blue Lens | P2ASLR6L－3PSRR | 545.00 |  |
|  | P， 0 | White LED／Clear Lens | P2ASLR7L（S）－3PSRR | 464.50 |  |
|  |  | Yellow LED／Yellow Lens | P2ASLR8L－3PSRR | 348.00 |  |
| Integral LED | Please mention the voltage required after the ordering code |  |  |  |  |
|  | Stayput | White LED Bulb／White Lens | P2ASL1LB（S）－3P |  | 541.50 |
|  | LED Bulb，BA9S type | Green LED Bulb／Green Lens | P2ASL3LB－3P |  | 348.00 |
|  | 24V AC／DC， | Red LED Bulb／Red Lens | P2ASL4LB－3P |  | 348.00 |
|  | 110VAC，110VDC | Amber LED Bulb／Amber Lens | P2ASL5LB－3P |  | 348.00 |
|  | 230VAC，220VDC | Blue LED Bulb／Blue Lens | P2ASL6LB－3P |  | 567.00 |
|  | \％ | White LED Bulb／Clear Lens | P2ASL7LB（S）－3P |  | 541.50 |
|  |  | Yellow LED Bulb／Yellow Lens | P2ASL8LB－3P |  | 348.00 |
|  | Please mention the voltage required after the ordering code |  |  |  |  |
|  | Momentary | White LED Bulb／White Lens | P2ASL1LB（S）－3PSR |  | 551.50 |
|  | LED Bulb，BA9S type | Green LED Bulb／Green Lens | P2ASL3LB－3PSR |  | 356.50 |
|  | 24V AC／DC， | Red LED Bulb／Red Lens | P2ASL4LB－3PSR |  | 356.50 |
|  | 110VAC，110VDC | Amber LED Bulb／Amber Lens | P2ASL5LB－3PSR |  | 356.50 |
|  | 230VAC，220VDC | Blue LED Bulb／Blue Lens | P2ASL6LB－3PSR |  | 575.50 |
|  | Q ¢0， | White LED Bulb／Clear Lens | P2ASL7LB（S）－3PSR |  | 551.50 |
|  |  | Yellow LED Bulb／Yellow Lens | P2ASL8LB－3PSR |  | 356.50 |
|  | Please mention the voltage required after the ordering code |  |  |  |  |
|  | Stayput／Momentary | White LED Bulb／White Lens | P2ASL1LB（S）－3PSRL |  | 551.50 |
|  | LED Bulb，BA9S type | Green LED Bulb／Green Lens | P2ASL3LB－3PSRL |  | 356.50 |
|  | 24V AC／DC， | Red LED Bulb／Red Lens | P2ASL4LB－3PSRL |  | 356.50 |
|  | 110VAC，110VDC | Amber LED Bulb／Amber Lens | P2ASL5LB－3PSRL |  | 356.50 |
|  | 230VAC，220VDC | Blue LED Bulb／Blue Lens | P2ASL6LB－3PSRL |  | 575.50 |
|  |  | White LED Bulb／Clear Lens | P2ASL7LB（S）－3PSRL |  | 551.50 |
|  |  | Yellow LED Bulb／Yellow Lens | P2ASL8LB－3PSRL |  | 356.50 |
|  | Please mention the voltage required after the ordering code |  |  |  |  |
|  | Stayput／Momentary | White LED Bulb／White Lens | P2ASL1LB（S）－3PSRR |  | 551.50 |
|  | LED Bulb，BA9S type | Green LED Bulb／Green Lens | P2ASL3LB－3PSRR |  | 356.50 |
|  | 24V AC／DC， | Red LED Bulb／Red Lens | P2ASL4LB－3PSRR |  | 356.50 |
|  | 110VAC，110VDC | Amber LED Bulb／Amber Lens | P2ASL5LB－3PSRR |  | 356.50 |
|  | 230VAC，220VDC | Blue LED Bulb／Blue Lens | P2ASL6LB－3PSRR |  | 575.50 |
|  | Q Po | White LED Bulb／Clear Lens | P2ASL7LB（S）－3PSRR |  | 551.50 |
|  |  | Yellow LED Bulb／Yellow Lens | P2ASL8LB－3PSRR |  | 356.50 |
| LED Bulb | 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． INTEGRAL LED | PRICE IN Rs． WITH LED BULB |
|  | Twin Illuminated 1 Flush， 1 Projecting，（IO）Mark |  |  |  |  |
|  | Integral LED <br> 6V，12V，24V，48V AC／DC， 110VAC，110VDC，230VAC， 220VDC | Green | P2ATLR5LF3P4（IO） | 260.00 |  |
|  |  | Red |  |  |  |
|  |  | Amber lens |  |  |  |
| Integral LED | Please mention the voltage required after the ordering code |  |  |  |  |
|  | LED Bulb，BA9S type 24 V AC／DC，110VAC， 110VDC，230VAC，220VDC |  | P2ATL5LBF3P4（IO） |  | 278.50 |
|  |  | Green |  |  |  |
|  |  | Red |  |  |  |
|  |  | Amber lens |  |  |  |
| LED Bulb | Please mention the voltage required after the ordering code |  |  |  |  |
|  | Twin Illuminated Double Flush，（IO）Mark |  |  |  |  |
|  | Integral LED <br> $6 \mathrm{~V}, 12 \mathrm{~V}, 24 \mathrm{~V}, 48 \mathrm{~V}$ AC／DC， $110 \mathrm{VAC}, 110 \mathrm{VDC}, 230 \mathrm{VAC}$ ， 220VDC | Green | P2ATLR5LF3F4（IO） | 260.00 |  |
|  |  | Red |  |  |  |
|  |  | Amber lens |  |  |  |
| Integral LED | Please mention the voltage required after the ordering code |  |  |  |  |
|  | LED Bulb，BA9S type 24 V AC／DC，110VAC， 110VDC，230VAC，220VDC |  | P2ATL5LBF3F4（IO） |  | 278.50 |
|  |  | Green |  |  |  |
|  |  | Red |  |  |  |
|  |  | Amber lens |  |  |  |
| LED Bulb | Please mention the voltage required after the ordering code |  |  |  |  |

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| PLASTIC SERIES |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| PILOT LIGHTS |  |  |  |  |
|  | TYPE | COLOUR | ORDERING CODE | PRICE IN Rs. WITH LED BULB |
|  | Pilot Light with LED Bulb |  |  |  |
|  | LED Bulb, BA9S type <br> 24V AC/DC, 110VAC, <br> 110VDC, 230VAC, 220VDC | White LED Bulb / White Lens | P2PLB1LB(S) | 383.00 |
|  |  | Green LED Bulb / Green Lens | P2PLB3LB | 188.50 |
|  |  | Red LED Bulb / Red Lens | P2PLB4LB | 188.50 |
|  |  | Amber LED Bulb / Amber Lens | P2PLB5LB | 188.50 |
|  |  | Blue LED Bulb / Blue Lens | P2PLB6LB | 408.50 |
|  |  | White LED Bulb / Clear Lens | P2PLB7LB(S) | 383.00 |
|  |  | Yellow LED Bulb / Yellow Lens | P2PLB8LB | 188.50 |
| LED Bulb | Please mention the voltage required after the ordering code |  |  |  |
|  | LED Bulb |  |  |  |
|  | Pri. Volt. Sec Volt. | White LED Bulb / White Lens | P2PLBT1LB(S) XXX / YY | 639.50 |
|  | 110VAC 06 | Green LED Bulb / Green Lens | P2PLBT3LB XXX / YY | 447.00 |
|  | 110VAC 12 | Red LED Bulb / Red Lens | P2PLBT4LB XXX / YY | 447.00 |
|  | 110VAC 24 | Amber LED Bulb / Amber Lens | P2PLBT5LB XXX / YY | 447.00 |
|  | Pri. Volt. Sec Volt. | Blue LED Bulb / Blue Lens | P2PLBT6LB XXX / YY | 667.00 |
|  | 240VAC 06 | White LED Bulb / Clear Lens | P2PLBT7LB(S) XXX / YY | 639.50 |
|  | 240VAC 12 | Yellow LED Bulb / Yellow Lens | P2PLBT8LB XXX / YY | 447.00 |
|  | 240VAC 24 |  |  |  |
| Connection with Transformer | XXX - Primary Voltage |  |  |  |
|  | YY - Secondary Voltage |  |  |  |

## MRP w．e．f．01．11．2021

Control \＆Signalling Devices 22.5 Ø

| PLASTIC SERIES |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| LED PILOT LIGHTS ECONOMY SERIES |  |  |  |  |
|  | TYPE | COLOUR | ORDERING CODE | PRICE IN Rs． WITH LED BULB |
|  | Integral LED <br> $6 \mathrm{~V}, 12 \mathrm{~V}, 24 \mathrm{~V}, 48 \mathrm{~V}$ AC／DC， 110VAC，110VDC，230VAC， 220VDC | White LED／White Lens | 3PLBR1L（S） | 298.50 |
|  |  | Green LED／Green Lens | 3PLBR3L | 146.00 |
|  |  | Red LED／Red Lens | 3PLBR4L | 146.00 |
|  |  | Amber LED／Amber Lens | 3PLBR5L | 146.00 |
|  |  | Blue LED／Blue Lens | 3PLBR6L | 412.00 |
|  |  | White LED／Clear Lens | 3PLBR7L（S） | 298.50 |
|  |  | Yellow LED／Yellow Lens | 3PLBR8L | 146.00 |
|  | Please mention the voltage required after the ordering code |  |  |  |
|  | Integral LED， <br> 24 V upto 240 V AC／DC | White LED／White Lens | 3PLBR1LU（S） | 382.50 |
|  |  | Green LED／Green Lens | 3PLBR3LU | 243.00 |
|  |  | Red LED／Red Lens | 3PLBR4LU | 243.00 |
|  |  | Amber LED／Amber Lens | 3PLBR5LU | 243.00 |
|  |  | Blue LED／Blue Lens | 3PLBR6LU | 496.00 |
|  |  | White LED／Clear Lens | 3PLBR7LU（S） | 382.50 |
|  |  | Yellow LED／Yellow Lens | 3PLBR8LU | 243.00 |
|  | Please mention the voltage required after the ordering code |  |  |  |
|  | Integral LED，Dual colour |  |  |  |
|  | 24 VAC | Green LED | 3PLBR34L | 235.50 |
|  | 110VAC | Red LED |  |  |
|  | 230VAC | White Lens |  |  |
|  | Please mention the voltage required after the ordering code |  |  |  |
| （ib） | Integral LED with Buzzer |  |  |  |
|  | 12VAC／DC | Red LED | 3PLBR4LBZ | 253.50 |
|  | 24VAC／DC |  |  |  |
|  | 110VAC |  |  |  |
|  | 230 VAC |  |  |  |
|  | Please mention the voltage required after the ordering code |  |  |  |
|  | Integral LED with Test Lamp |  |  |  |
|  | 12VAC／DC | Red LED | 3PLBR4LTL | 220.50 |
|  | $24 \mathrm{VAC} / \mathrm{DC}$ |  |  |  |
|  | 110VAC |  |  |  |
|  | 230VAC |  |  |  |
|  | Please mention the voltage required after the ordering code |  |  |  |

MRP w．e．f．01．11．2021
Control \＆Signalling Devices 22.5 Ø

| METALLIC SERIES |  |  |  |
| :---: | :---: | :---: | :---: |
| CONTACT ELEMENTS |  |  |  |
|  | TYPE | ORDERING CODE | PRICE IN Rs． |
|  | PANEL MOUNTING |  |  |
|  | NORMALLY OPEN（NO） SILVER CONTACT | S1 | 63.50 |
|  | NORMALLY OPEN（NO） SILVER CONTACT （BREAK BEFORE MAKE） | S1S | 63.50 |
|  | normally open（NO） SILVER CONTACT （ MAKE BEFORE BREAK ） | S1E | 63.50 |
|  | NORMALLY CLOSED（NC） SILVER CONTACT | S2 | 63.50 |
|  | NORMALLY OPEN（NO） GOLD CONTACT | S3 | 175.00 |
|  | NORMALLY CLOSED（NC） GOLD CONTACT | S4 | 175.00 |
|  | BASE MOUNTING |  |  |
| ell | NORMALLY OPEN（NO） SILVER CONTACT | S5 | 63.50 |
|  | NORMALLY CLOSED（NC） SILVER CONTACT | S6 | 63.50 |
| $\theta=$ | NORMALLY OPEN（NO） GOLD CONTACT | S7 | 175.00 |
| $\begin{array}{r} y= \\ 8 \end{array}$ | NORMALLY CLOSED（NC） GOLD CONTACT | S8 | 175.00 |

Common types of control and signalling devices $\varnothing$ 22.5 P series


GENERAL TERMS AND CONDITIONS

| General Terms | $:$ | Prices are ex-works Mumbai |
| :--- | :--- | :--- |
| HSN CODE | $:$ | 85365010 for all the products of this MRP List |
| GST | $:$ | $18 \%$ |

Prices are subject to revision without notice and ruling at the time of delivery.
This price list supersedes all previous Price Lists.
Warranty Policy : TEKNIC equipment is guaranteed under the following terms:

For a period of 12 months from the date of sale, TEKNIC guarantees that its products are free from defects in material and workmanship, with the exception of consumables rendered unserviceable through normal use. During the said period, TEKNIC will replace or repair all parts acknowledged as defective due to factory workmanship and which have been returned in a timely manner by Buyer to TEKNIC and all costs and duties paid, together with a detailed description of the failure and a certified declaration of the number of hours of operation. Repaired or replaced parts will be redelivered FCA (named place) as per INCOTERMS 2000. This warranty is subject to the provision of correct usage, proper maintenance and does not cover defects arising out of fire, faulty operation, accident, inefficient maintenance and willful or accidental damage.

TEKNIC guarantee applies to all equipment, parts and components stored, installed, protected, maintained and used in accordance with TEKNIC specifications and instructions, and respecting the rules for normal use, without any modification by Buyer.

All other conditions or warranties, whether express or implied, relating to the quality and operation of the equipment are excluded, as well as any liability for loss or damage caused directly or indirectly by the equipment or resulting from its use.

Proof of purchase to be provided to avail warranty.

## TEKNIC ELECTRIC (I) PVT. LTD.

| Reg.Office | $: 116$, Hammersmith Industrial Estate, Mahim (W), Mumbai -400016. |
| :--- | :--- |
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| Works | $: 65$, Marol Co-op. Industrial Estate Ltd., M. Vassanji Road, Andheri (East), Mumbai - 400059. Tel : +91-22-42534500 |
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