

# TEKNIC

CE 

Control and Signaling Devices Ø 22.5 Clip on Plastic Series



## Control and signaling devices Ø 22.5 P4 Clip on series

### Salient features

This range of Ø 22.5 P4 Clip on series pushbuttons, selector switches, illuminated switches and pilot lights in engineering plastic construction have been designed to provide the following salient features:

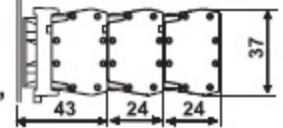
- Economy of space
- Aesthetically elegant
- Robust in materials of construction
- Simple to fix-Snap fitting
- Safe in operation
- Fixing method unaffected by excessive vibration unit does not rotate
- Very good flame resistance
- Shrouded terminals
- Protection against electrical shock
- Resistant 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. The elements are interchangeable & 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. Base mounting elements are also available.**



### Illuminated pushbuttons & pilot lights

Pilot lights and illuminated switches are suitable for direct connection using bayonet cap multi chip LED bulb (with OAL max 28 mm). Supply voltage using Multichip Led Bulb ..... : 12V-230 VAC / DC

Pilot lights and illuminated actuators are available with LED bulbs suitable for operating at various voltages namely 12V, 24V, 110V and 230V AC/DC.

### Terminals

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

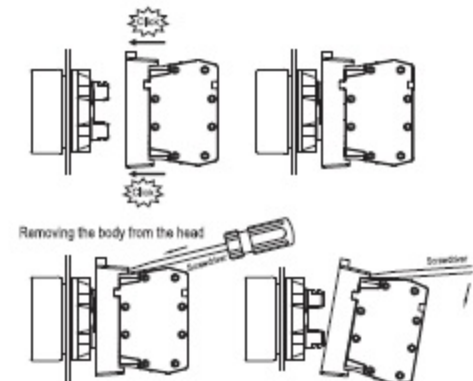
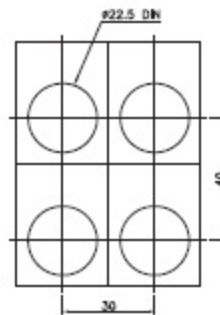
### Fixing

The Ø 22,5 P4 Clip on series control devices 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 snap fit on the holding bracket.

Details of the assembly shown in diagram.



### Electrical and mechanical characteristics

#### Environment

|                      |   |  |
|----------------------|---|--|
| Standards conformity | : | UL 508, EN 60947-5-1                             |
| Approvals            | : | UL 508   |
| Degree of protection | : | IP 65 as per IEC 60529, NEMA 4X, 12 as per UL 50 |
| Ambient              | : | - 25°C to + 70°C                                 |
| Operating position   | : | All positions                                    |
| Pollution Degree     | : | 3  |

#### Contact Block

|  |   |   |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |
|--|---|---|-------|-----|-------|-----|-----|-------|---|----|-----|--|---|---|---|---|--|---|-----|-----|
| Rated insulation voltage   | : | 500 V   |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |
| Rated thermal current  | : | 10 A  |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |
| Contact operation  | : | Slow break NO or NC   |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |
| Make and break capacity  | : | AC 15 4 A, 415 V AC   |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |
| As per IEC 60947 - 5 - 1   | : | DC 13 0.5 A, 110 V DC   |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |
| Terminal capacity  | : | Maximum 2 x 1.5 mm <sup>2</sup> or 1 x 2.5 mm <sup>2</sup> .Minimum 1 x 0.5 mm <sup>2</sup>   |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |
| Terminal marking   | : | 1 - 2 for NC & 3 - 4 for NO   |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |
| Short circuit protection   | : | 10 A HRC cartridge fuse, rated for resistive loading at 1000 A Prospective Current  |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |
| Mechanical life  | : | Over 1 million operations   |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |
| Electrical rating  | : |   |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |
| (for 1 million operating cycles, operating at 3600 cycles per hour, load factor 0.5) | : |   |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |
|  |   | <table border="0"> <tr> <td>AC 15</td> <td>V</td> <td>24</td> <td>120</td> <td>230</td> <td>DC 13</td> <td>V</td> <td>24</td> <td>110</td> </tr> <tr> <td></td> <td>A</td> <td>4</td> <td>3</td> <td>2</td> <td></td> <td>A</td> <td>0.5</td> <td>0.2</td> </tr> </table> | AC 15 | V   | 24    | 120 | 230 | DC 13 | V | 24 | 110 |  | A | 4 | 3 | 2 |  | A | 0.5 | 0.2 |
| AC 15  | V | 24  | 120   | 230 | DC 13 | V   | 24  | 110   |   |    |     |  |   |   |   |   |  |   |     |     |
|  | A | 4   | 3     | 2   |       | A   | 0.5 | 0.2   |   |    |     |  |   |   |   |   |  |   |     |     |
| Screw clamp tightening torque  | : | 0.8 Nm (Nominal recommended)  |       |     |       |     |     |       |   |    |     |  |   |   |   |   |  |   |     |     |

### Modules for pilot light & illuminated switches with LED bulb (BA9S cap)

Current consumptions (applicable to all colours)

|  |   |  |
|--|---|--|
| 24 V AC/DC, 110 VAC & 240 VAC  | : | max. 20 mA   |
| Terminal capacity  | : | Maximum 2 x 1.5 mm <sup>2</sup> or 1 x 2.5 mm <sup>2</sup> . Minimum 1 x 0.5 mm <sup>2</sup> |
| Service life (at nominal voltage and at ambient temperature at 25°C) | : | 50,000 hours   |

# TEKNIC

## Control & Signalling Devices 22.5 Ø P4 Clip on Plastic Series

| MOMENTARY ACTUATORS   |                          |        |               |
|---|--------------------------|--------|---------------|
|   | TYPE                     | COLOUR | ORDERING CODE |
|    |                          | White  | P4AF1         |
|   |                          | Black  | P4AF2         |
|   | Flush                    | Green  | P4AF3         |
|   |                          | Red    | P4AF4         |
|   |                          | Blue   | P4AF6         |
|   |                          | Yellow | P4AF8         |
|    |                          |        |               |
|   |                          |        |               |
|   | Flush with Arrow marking | White  | P4AF1BA       |
|   |                          | Black  | P4AF2WA       |
|   |                          | White  | P4AP1         |
|   |                          | Black  | P4AP2         |
|   | Projecting               | Green  | P4AP3         |
|   |                          | Red    | P4AP4         |
|   |                          | Blue   | P4AP6         |
|   |                          | Yellow | P4AP8         |
|  |                          | White  | P4AF1RR       |
|   |                          | Black  | P4AF2RR       |
|   | Flush Relay Reset        | Green  | P4AF3RR       |
|   |                          | Red    | P4AF4RR       |
|   |                          | Blue   | P4AF6RR       |
|   |                          | Yellow | P4AF8RR       |
|  |                          | White  | P4AF1+2BT7    |
|   |                          | Black  | P4AF2+2BT7    |
|   | Booted                   | Green  | P4AF3+2BT7    |
|   |                          | Red    | P4AF4+2BT7    |
|   |                          | Blue   | P4AF6+2BT7    |
|   |                          | Yellow | P4AF8+2BT7    |

# TEKNIC

Control & Signalling Devices 22.5 Ø





P4 CLIP ON PLASTIC SERIES

| STOP MUSHROOM HEAD ACTUATORS  |                   |        |               |
|---|-------------------|--------|---------------|
|   | TYPE              | COLOUR | ORDERING CODE |
|    |                   |        |               |
|   | Push Pull         | Black  | P4AMPP4       |
|   | Ø 40 mm           | Red    | P4AMPP4       |
|   |                   |        |               |
|    |                   |        |               |
|   | Latching          | Black  | P4AMLS2       |
|   | Ø 30mm            | Red    | P4AMLS4       |
|   |                   |        |               |
|   |                   |        |               |
|   | Latching          | Black  | P4AML2        |
|   | Ø 40mm            | Red    | P4AML4        |
|   |                   |        |               |
|  |                   |        |               |
|   | Latching with Key | Black  | P4AMLKB2      |
|   | Ø 40mm            | Red    | P4AMLKB4      |
|   |                   |        |               |
|  |                   |        |               |
|   | Push Pull         | Black  | P4AMPPJ2      |
|   | Ø 60 mm           | Red    | P4AMPPJ4      |
|   |                   |        |               |
|  |                   |        |               |
|   | Latching          | Black  | P4AMLJ2       |
|   | Ø 60mm            | Red    | P4AMLJ4       |
|   |                   |        |               |

# TEKNIC



Control & Signalling Devices 22.5 Ø

P4 CLIP ON PLASTIC SERIES

| MUSHROOM HEAD ACTUATORS   |                 |        |               |
|---|-----------------|--------|---------------|
|   | TYPE            | COLOUR | ORDERING CODE |
|    |                 | Black  | P4AM2         |
|   | Momentary       | Green  | P4AM3         |
|   | Ø 40mm          | Red    | P4AM4         |
|   |                 | Blue   | P4AM6         |
|   |                 | Yellow | P4AM8         |
|   |                 |        |               |
|    | Momentary       | Black  | P4AMJ2        |
|   | Ø 60mm          | Green  | P4AMJ3        |
|   |                 | Red    | P4AMJ4        |
|   |                 | Blue   | P4AMJ6        |
|   |                 | Yellow | P4AMJ8        |
|   |                 |        |               |
| EMERGENCY STOP MUSHROOM HEAD ACTUATORS  |                 |        |               |
|   | TYPE            | COLOUR | ORDERING CODE |
|   |                 |        |               |
|   | Trigger type    | Black  | P4AMLT2       |
|   | Press to Lock   | Red    | P4AMLT4       |
|   | turn to release |        |               |
|   | Ø 40 mm         |        |               |
|   |                 |        |               |
|  |                 |        |               |
|   | Trigger type    | Black  | P4AMLTKB2     |
|   | Press to Lock   | Red    | P4AMLTKB4     |
|   | key to release  |        |               |
|   | Ø 40 mm         |        |               |
|   |                 |        |               |

# TEKNIC

Control & Signalling Devices 22.5 Ø  
P4 Clip on Plastic Series

| SELECTOR ACTUATORS  |   |                        |               |              |
|---|---|------------------------|---------------|--------------|
|   | TYPE  | COLOUR                 | ORDERING CODE |              |
|  | 2 position<br>STAY PUT  | Black                  | P4AS2-2P      |              |
|   | with extended knob  |                        |               | P4AS2E-2P    |
|   | 2 position<br>MOMENTARY   | Black                  | P4AS2-2PSR    |              |
|   | with extended knob  |                        |               | P4AS2E-2PSR  |
|   |  | 3 position<br>STAY PUT | Black         | P4AS2-3P     |
|   |   | with extended knob     |               |              |
| 3 position<br>MOMENTARY<br>on both sides  |   | Black                  | P4AS2-3PSR    |              |
| with extended knob  |   |                        |               | P4AS2E-3PSR  |
| 3 position<br>MOMENTARY<br>on right   |   | Black                  | P4AS2-3PSRR   |              |
| with extended knob  |   |                        |               | P4AS2E-3PSRR |
| 3 position<br>MOMENTARY<br>on left  | Black   | P4AS2-3PSRL            |               |              |
| with extended knob  |   |                        | P4AS2E-3PSRL  |              |

# TEKNIC

Control & Signalling Devices 22.5 Ø

P4 Clip on Plastic Series





## KEY SELECTOR ACTUATORS



| TYPE   | COLOUR | ORDERING CODE |
|--|--------|---------------|
| 2 Position<br>Stayput                                  | Black  | P4AK2-2PB     |
|  |        |               |
|  |        | P4AK2-2PO     |
|  |        |               |
|  |        | P4AK2-2PI     |
|  |        |               |
| Spring Return  | Black  | P4AK2-2POSR   |
|  |        |               |
| 3 Position<br>Stayput                                  | Black  | P4AK2-3PA     |
|  |        |               |
|  | Black  | P4AK2-3PB     |
|  |        |               |
|  | Black  | P4AK2-3PC     |
|  |        |               |
| Spring Return  | Black  | P4AK2-3PSR    |
|  |        |               |
| Spring Return<br>right to centre                       | Black  | P4AK2-3PSRR   |
|  |        |               |
| Spring Return<br>left to centre                        | Black  | P4AK2-3PSRL   |
|  |        |               |
| <b>X stands for position in which key is removable</b> |        |               |

# TEKNIC


Control & Signalling Devices 22.5 Ø  
P4 Clip on Plastic Series

| TWIN ACTUATORS  |              |        |               |
|---|--------------|--------|---------------|
|   | TYPE         | COLOUR | ORDERING CODE |
|    | Double Flush | Green  | P4ATF3F4      |
|   | w/o IO Mark  | Red    |               |
|   |              |        |               |
|   |              |        |               |
|    | Double Flush | Green  | P4ATF3F4(IO)  |
|   | with IO Mark | Red    |               |
|   |              |        |               |
|   |              |        |               |
|    | 1 Flush,     | Green  | P4ATF3P4      |
|   | 1 Projecting | Red    |               |
|   | w/o IO Mark  |        |               |
|   |              |        |               |
|  | 1 Flush,     | Green  | P4ATF3P4(IO)  |
|   | 1 Projecting | Red    |               |
|   | with IO Mark |        |               |
|   |              |        |               |




# TEKNIC

**Control & Signalling Devices 22.5 Ø**  
**P4 Clip on Plastic Series**

| <b>ILLUMINATED MOMENTARY ACTUATORS WITH LED BULB</b>                               |                     |                               |               |
|--|---------------------|-------------------------------|---------------|
|  | TYPE                | COLOUR                        | ORDERING CODE |
| <b>Illuminated Flush, Momentary</b>  |                     |                               |               |
|   |                     |                               |               |
|  | LED Bulb, BA9S type | White LED Bulb / White Lens   | P4ALF1LB(S)   |
|  | 24V AC/DC,          | Green LED Bulb / Green Lens   | P4ALF3LB      |
|  | 110VAC, 110VDC      | Red LED Bulb / Red Lens       | P4ALF4LB      |
|  | 230VAC, 220VDC      | Amber LED Bulb / Amber Lens   | P4ALF5LB      |
|  |                     | Blue LED Bulb / Blue Lens     | P4ALF6LB      |
|  |                     | White LED Bulb / Clear Lens   | P4ALF7LB(S)   |
|  |                     | Yellow LED Bulb / Yellow Lens | P4ALF8LB      |
| <b>Please mention the voltage required after the ordering code</b>                 |                     |                               |               |
| <b>Illuminated Projecting, Momentary</b>   |                     |                               |               |
|  |                     |                               |               |
|  | LED Bulb, BA9S type | White LED Bulb / White Lens   | P4ALF1LB(S)   |
|  | 24V AC/DC,          | Green LED Bulb / Green Lens   | P4ALF3LB      |
|  | 110VAC, 110VDC      | Red LED Bulb / Red Lens       | P4ALF4LB      |
|  | 230VAC, 220VDC      | Amber LED Bulb / Amber Lens   | P4ALF5LB      |
|  |                     | Blue LED Bulb / Blue Lens     | P4ALF6LB      |
|  |                     | White LED Bulb / Clear Lens   | P4ALF7LB(S)   |
|  |                     | Yellow LED Bulb / Yellow Lens | P4ALF8LB      |
| <b>Please mention the voltage required after the ordering code</b>                 |                     |                               |               |

# TEKNIC

Control & Signalling Devices 22.5 Ø  
P4 Clip on Plastic Series





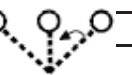
| ILLUMINATED SELECTOR WITH LED BULB  |   |                               |                  |
|---|---|-------------------------------|------------------|
|   | TYPE  | COLOUR                        |                  |
|  | <b>2 Position, Illuminated selector actuator</b>            |                               |                  |
|   | <b>Stayput Type</b>   | White LED Bulb / White Lens   | P4ASL1LB(S)-2P   |
|   |   | Green LED Bulb / Green Lens   | P4ASL3LB2P       |
|   | <b>LED Bulb BA9S type</b>                                   | Red LED Bulb / Red Lens       | P4ASL4LB-2P      |
|   | <b>24V AC/DC,</b>   | Amber LED Bulb / Amber Lens   | P4ASL5LB2P       |
|   | <b>110VAC, 110VDC</b>                                       | Blue LED Bulb / Blue Lens     | P4ASL6LB-2P      |
|   | <b>230VAC, 220VDC</b>                                       | White LED Bulb / Clear Lens   | P4ASL7LB(S)-2P   |
|   |   | Yellow LED Bulb / Yellow Lens | P4ASL8LB-2P      |
|   | Please mention the voltage required after the ordering code |                               |                  |
|   | <b>Spring Return</b>  | White LED Bulb / White Lens   | P4ASL1LB(S)-2PSR |
|   |   | Green LED Bulb / Green Lens   | P4ASL3LB2PSR     |
|   | <b>LED Bulb BA9S type</b>                                   | Red LED Bulb / Red Lens       | P4ASL4LB-2PSR    |
|   | <b>24V AC/DC,</b>   | Amber LED Bulb / Amber Lens   | P4ASL5LB2PSR     |
|   | <b>110VAC, 110VDC</b>                                       | Blue LED Bulb / Blue Lens     | P4ASL6LB-2PSR    |
|   | <b>230VAC, 220VDC</b>                                       | White LED Bulb / Clear Lens   | P4ASL7LB(S)-2PSR |
|   | Yellow LED Bulb / Yellow Lens                               | P4ASL8LB-2PSR                 |                  |
| Please mention the voltage required after the ordering code                       |   |                               |                  |

# TEKNIC

Control & Signalling Devices 22.5 Ø


P4 Clip on Plastic Series

## ILLUMINATED SELECTOR WITH LED BULB

|  | TYPE   | Colour of LED / Lens          | ORDERING CODE    |
|--|--|-------------------------------|------------------|
| <b>3 Position, Illuminated Selector Actuator</b>   |  |                               |                  |
|              | <b>Stayput type</b>  |                               |                  |
|  | LED Bulb   | White LED Bulb / White Lens   | P4ASL1LB(S)-3P   |
|  | BA9S type  | Green LED Bulb / Green Lens   | P4ASL3LB-3P      |
|  | 24V AC/DC,  | Red LED Bulb / Red Lens       | P4ASL4LB-3P      |
|  | 110VAC, 110VDC   | Amber LED Bulb / Amber Lens   | P4ASL5LB-3P      |
|  | 230VAC, 220VDC   | Blue LED Bulb / Blue Lens     | P4ASL6LB-3P      |
|  |  | White LED Bulb / Clear Lens   | P4ASL7LB(S)-3P   |
|  |  | Yellow LED Bulb / Yellow Lens | P4ASL8LB-3P      |
|  | <b>Please mention the voltage required after the ordering code</b>                           |                               |                  |
|  | <b>Spring return both sides</b>  |                               |                  |
|  | LED Bulb   | White LED Bulb / White Lens   | P4ASL1LB(S)-3PSR |
|  | BA9S type  | Green LED Bulb / Green Lens   | P4ASL3LB-3PSR    |
|  | 24V AC/DC,  | Red LED Bulb / Red Lens       | P4ASL4LB-3PSR    |
|  | 110VAC, 110VDC   | Amber LED Bulb / Amber Lens   | P4ASL5LB-3PSR    |
|  | 230VAC, 220VDC   | Blue LED Bulb / Blue Lens     | P4ASL6LB-3PSR    |
|  |  | White LED Bulb / Clear Lens   | P4ASL7LB(S)-3P   |
|  |  | Yellow LED Bulb / Yellow Lens | P4ASL8LB-3PSR    |
|  | <b>Please mention the voltage required after the ordering code</b>                           |                               |                  |
| <b>Spring return left to centre</b>  |  |                               |                  |
| LED Bulb   | White LED Bulb / White Lens  | P4ASL1LB(S)-3PSRL             |                  |
| BA9S type  | Green LED Bulb / Green Lens  | P4ASL3LB-3PSRL                |                  |
| 24V AC/DC,  | Red LED Bulb / Red Lens  | P4ASL4LB-3PSRL                |                  |
| 110VAC, 110VDC   | Amber LED Bulb / Amber Lens  | P4ASL5LB-3PSRL                |                  |
| 230VAC, 220VDC   | Blue LED Bulb / Blue Lens  | P4ASL6LB-3PSRL                |                  |
|  | White LED Bulb / Clear Lens  | P4ASL7LB(S)-3PL               |                  |
|  | Yellow LED Bulb / Yellow Lens  | P4ASL8LB-3PSRL                |                  |
| <b>Please mention the voltage required after the ordering code</b>                             |  |                               |                  |
| <b>Spring return right to centre</b>   |  |                               |                  |
| BA9S type   | Green LED Bulb / Green Lens  | P4ASL3LB-3PSRR                |                  |
| 24V AC/DC,   | Red LED Bulb / Red Lens  | P4ASL4LB-3PSRR                |                  |
| 110VAC, 110VDC   | Amber LED Bulb / Amber Lens  | P4ASL5LB-3PSRR                |                  |
| 230VAC, 220VDC   | Blue LED Bulb / Blue Lens  | P4ASL6LB-3PSRR                |                  |
|  | White LED Bulb / Clear Lens  | P4ASL7LB(S)-3PR               |                  |
|  | Yellow LED Bulb / Yellow Lens  | P4ASL8LB-3PSRR                |                  |
| <b>Please mention the voltage required after the ordering code</b>                             |  |                               |                  |


# TEKNIC

Control & Signalling Devices 22.5 Ø  
P4 Clip on Plastic Series

| <b>TWIN ILLUMINATED ACTUATORS WITH LED BULB</b>                                   |  |                        |                   |
|---|--|------------------------|-------------------|
|   | TYPE   | COLOUR                 | ORDERING CODE     |
|  | <b>Twin Illuminated Flush/Flush Actuator with IO Marked</b>        |                        |                   |
|   | LED Bulb, BA9S type  | Green Flush Actuator   |                   |
|   | 24V AC/DC,   | Red Flush Actuator     | P4ATL5LBF3F4 (IO) |
|   | 110VAC, 110VDC   | Amber Lens / Amber LED |                   |
|   | 230VAC, 220VDC   |                        |                   |
|   | <b>Please mention the voltage required after the ordering code</b> |                        |                   |
|   | <b>Twin Illuminated Flush/Projecting Actuator IO Marked</b>        |                        |                   |
|   | LED Bulb BA9S type   | Green Flush Actuator   |                   |
|   | 24V AC/DC,   | Red Flush Actuator     | P4ATL5LBF3P4 (IO) |
|   | 110VAC, 110VDC   | Amber Lens / Amber LED |                   |
| 230VAC, 220VDC  |  |                        |                   |
| <b>Please mention the voltage required after the ordering code</b>                |  |                        |                   |

# TEKNIC


**Control & Signalling Devices 22.5 Ø**  
**P4 Clip on Plastic Series**

| <b>EMERGENCY STOP MUSHROOM ILLUMINATED ACTUATORS, LATCHING, WITH LED BULB</b>      |   |        |               |
|--|---|--------|---------------|
|  | TYPE  | COLOUR | ORDERING CODE |
|  | <b>Mushroom Illuminated Actuator, Trigger Type, Press to Lock - Turn to release</b> |        |               |
|  |   |        |               |
|  |   |        |               |
|  |   |        |               |
|  | LED Bulb, BA9S type   |        |               |
|  | 24V AC/DC,  | Red    | P4ALMLT4LB    |
|  | 110VAC, 110VDC  |        |               |
|  | 230VAC, 220VDC  |        |               |
|  |   |        |               |
| Please mention the voltage required after the ordering code                        |   |        |               |

# TEKNIC

Control & Signalling Devices 22.5 Ø

P4 Clip on Plastic Series

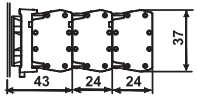
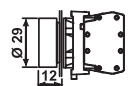
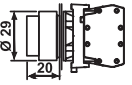
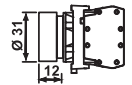
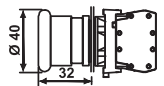
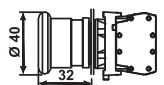
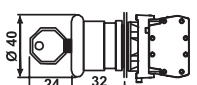

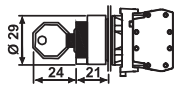
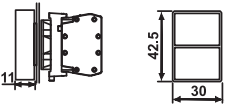
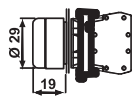
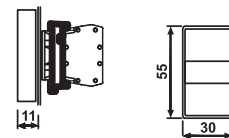
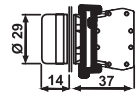
| PILOT LIGHTS WITH LED BULB  |   |                               |               |
|---|---|-------------------------------|---------------|
|   | TYPE  | COLOUR                        | ORDERING CODE |
|   | <b>Pilot Light</b>  |                               |               |
|  |   |                               |               |
|   | LED Bulb, BA9S type   | White LED Bulb / White Lens   | P4PLB1LB(S)   |
|   | 24V AC/DC,  | Green LED Bulb / Green Lens   | P4PLB3LB      |
|   | 110VAC, 110VDC  | Red LED Bulb / Red Lens       | P4PLB4LB      |
|   | 230VAC, 220VDC  | Amber LED Bulb / Amber Lens   | P4PLB5LB      |
|   |   | Blue LED Bulb / Blue Lens     | P4PLB6LB      |
|   |   | White LED Bulb / Clear Lens   | P4PLB7LB(S)   |
|   |   | Yellow LED Bulb / Yellow Lens | P4PLB8LB      |
|   |   |                               |               |
|   | Please mention the voltage required after the ordering code |                               |               |

# TEKNIC

Control & Signalling Devices 22.5 Ø  
P4 CLIP ON PLASTIC SERIES

| CONTACT ELEMENTS  |  |               |
|---|--|---------------|
|   | TYPE                                   | ORDERING CODE |
| <b>PANEL MOUNTING</b>   |  |               |
|    | NORMALLY OPEN (NO)<br>SILVER CONTACT   | C1            |
|   |  |               |
|   |  |               |
|    | NORMALLY CLOSED (NC)<br>SILVER CONTACT | C2            |
|   |  |               |
|   |  |               |
|   | NORMALLY OPEN (NO)<br>GOLD CONTACT     | C3            |
|   |  |               |
|   |  |               |
|  | NORMALLY CLOSED (NC)<br>GOLD CONTACT   | C4            |
|   |  |               |
|   |  |               |
| <b>BASE MOUNTING</b>  |  |               |
|  | NORMALLY OPEN (NO)<br>SILVER CONTACT   | C5            |
|   |  |               |
|   |  |               |
|  | NORMALLY CLOSED (NC)<br>SILVER CONTACT | C6            |
|   |  |               |
|   |  |               |
|  | NORMALLY OPEN (NO)<br>GOLD CONTACT     | C7            |
|   |  |               |
|   |  |               |
|  | NORMALLY CLOSED (NC)<br>GOLD CONTACT   | C8            |
|   |  |               |
|   |  |               |

## Common types of control and signalling devices Ø 22.5 P4 Clip on series

| Description  | Type of Actuator or Lense Assembly | Colour of Actuator or Lense             | Contact Elements<br>NO = C1 NC = C2<br>or Lamp Holder | Type of complete Control or Signalling Device |    |
|--|------------------------------------|---|---|---|---|
| Flush Pushbutton   | P4AF3                              | Green                                   | 1NO   | P4PSF310                                      |    |
|  | P4AF8                              | Yellow                                  | 2NO+1NC   | P4PSF821                                      |   |
| Projecting Pushbutton  | P4AP2                              | Black                                   | 2NC   | P4PSP202                                      |    |
|  | P4AP4                              | Red                                     | 3NO+3NC   | P4PSP433                                      |   |
| Booted Pushbutton  | P4AF3+2BT7                         | Green + clear boot                      | 2NO   | P4PSF320+2BT7                                 |    |
|  | P4AF4+2BT7                         | Red + clear boot                        | 2NC   | P4PSF402+2BT7                                 |   |
| Mushroom Pushbutton<br>Spring<br>return  | P4AM2                              | Black                                   | 1NO+1NC   | P4PSM211                                      |    |
|  | P4AM4                              | Red                                     | 1NC   | P4PSM401                                      |   |
| Mushroom Pushbutton<br>latching turn<br>to release   | P4AML2                             | Black                                   | 1NC   | P4PSML201                                     |    |
|  | P4AML4                             | Red                                     | 2NO+2NC   | P4PSML422                                     |   |
| Mushroom Pushbutton<br>latching, key to<br>release   | P4AMLKB4                           | Red                                     | 1NO+1NC   | P4PSMLKB411                                   |    |
| Selector Actuator (2 Pos)  | P4AS2-2P                           | Black                                   | 1NO   | P4PSS210-2P                                   |   |
| Selector Actuator (3 Pos)  | P4AS2-3P                           | Black                                   | 1NO+1NC   | P4PSS211-3P                                   |   |
| Key Actuator (2 Pos), key removable<br>in both positions<br>Key Actuator (3 Pos), key removable<br>in left & right positions | P4AK2-2PB                          |   | 1NO   | P4PSK210-2PB                                  |  |
|  | P4AK2-3PB                          |   | 1NO+1NC   | P4PSK211-3PB                                  |   |
| Twin Pushbutton marked "I O"   | P4ATF2-F4-IO                       | Flush-Green                             | 1 NO  | P4PSTF310-F401-IO                             |  |
| Flush - Flush  |                                    | Flush-Red                               | 1 NC  |   |   |
| Flush Illuminated Pushbutton<br>with multichip LED bulb,<br>direct connection  | P4ALF3LB24DC                       | Green                                   | 1NO+1NC   | P4PSLF3LB1124                                 |  |
| Twin Luminous Pushbutton<br>Without "I O"making<br>Flush - Flush<br>with LED Bulb (240V AC)                                  | P4ATL5LB-F3<br>-F4230AC            | Lense-Amber<br>Flush-Green<br>Flush-Red | 1 NO<br>1 NC  | P4PSTL5LBF310-F401230AC                       |  |
| Pilot Light with LED bulb<br>for 230V AC<br>Bulb: 230V   | P4PLLA5                            | Amber                                   | 4LHLB230  | P4PLB5LB230                                   |  |