## A02 series

## Pushbutton switches \& indicators

Distinctive features and specifications


- Switch Block 3 \& 4 Pole : PEI
- Contacts : Gold plated silver

Dimensions : first dimensions are in mm while inches are shown in brackets.
Refer to the following pages for further information.

Mounting accessories : standard hardware 1 nut and 1 sealing washer.

## A02 series

Pushbutton switches \& indicators
Panel cut-out Ø22mm (0.866) or $29.5(1.161) \times 21.5(0.846) \mathrm{mm}$

## $\varnothing 22 \mathrm{~mm}$ or $29.5 \times 21.5 \mathrm{~mm}$ Surface mount pushbutton

Standard plastic bezel
$\varnothing 22 \mathrm{~mm}$ or $29.5 \times 21.5 \mathrm{~mm}$ Surface mount indicator
Standard plastic bezel

## Pushbutton switches \& indicators

## Pushbutton

| Bezel | Screen |  | $\pm$ | Lamp ${ }^{\text {(if required) }}$ |  | + Operc |  | $\mathbf{r}$ (with standard bezel) |  | Switch block |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Colour | Part No | Lamp | Voltage | Part No | Bezel | Description | Lamp type | Part No | Contacts | Part No |
| $\square$ | black | A0261A | Filament | 6.3 V | A0141A | $\square$ | Illum, momentary | Lamp/LED bulb | A0201Y | 1 N.O. | A02501 |
| $\square$ | red | A0261B | Filament | 14 V | A0141B | $\square$ | Illum, maintained | Lamp/LED bulb | A0201X | 1 N.C. | A02502 |
| $\square$ | amber | A0261C | Filament | 28 V | A0141C | $\square$ | Non-illum, momentary |  | A0203Y | 2 N.O. | A02503 |
| $\square$ | yellow | A0261D | Filament | 36 V | A0141D | $\square$ | Non-illum, maintained |  | A0203X | 2 N.C. | A02504 |
| $\square$ | green | A0261E | Filament | 48 V | A0141E | $\square$ | Illum, momentary | Lamp/LED bulb | A0204Y | 1 N.O./I N.C. | A02505 |
| $\square$ | blue | A0261F | Filament | 60 V | A0141F | $\square$ | Illum, maintained | Lamp/LED bulb | A0204X |  |  |
| $\square$ | clear | A0261G | Neon | 110 V | A0143G | $\square$ | Non-illum, momentary |  | A0206Y | Second | block |
| $\square$ | white | A0261J | Neon | 220 V | A0143H | $\square$ | Non-illum, maintained |  | A0206X | Second |  |
| $\square$ | black | A0262A | LED | 6 V red | A0142L1 | $\bigcirc$ | Illum, momentary | Lamp/LED bulb | A0207Y | Contacts | Part No |
| $\square$ | red | A0262B | LED | 6 V green | A0142L2 | $\bigcirc$ | Illum, maintained | Lamp/LED bulb | A0207X |  |  |
| $\square$ | amber | A0262C | LED | 6 V amber | A0142L3 | $\bigcirc$ | Non-illum, momentary |  | A0209Y | 1 N.O. | A02506 |
| $\square$ | yellow | A0262D | LED | 12 V red | A0142M1 | $\bigcirc$ | Non-illum, maintained |  | A0209X | 1 N.C. | A02507 |
| $\square$ | green | A0262E | LED | 12 V green | A0142M2 |  |  |  |  | 2 N.O. | A02508 |
| $\square$ | blue | A0262F | LED | 12 V amber | A0142M3 |  | Opera | $\mathbf{r}$ (with nickel bezel) |  | 2 N.C. | A02509 |
| $\square$ | clear | A0262G | LED | 12 V blue | A0142M4 | Bezel | Description | Lamp type | Part No | 1 N.O./1 N.C. | A02510 |
| $\square$ | white | A0262J | LED | 12 V white | A0142M5 |  |  |  |  |  |  |
| $\bigcirc$ | black | A0263A | LED | 24 V red | A0142N1 | $\bigcirc$ | Illum, momentary | Lamp/LED bulb | A0210Y | To achiev |  |
| $\bigcirc$ | red | A0263B | LED | 24 V green | A0142N2 | $\bigcirc$ | Illum, maintained | Lamp/LED bulb | A0210X | switching, add |  |
| $\bigcirc$ | amber | A0263C | LED | 24 V amber | A0142N3 | $\bigcirc$ | Non-illum, momentary |  | A0212Y | switch block | ove |
| $\bigcirc$ | yellow | A0263D | LED | 24 V blue | A0142N4 | $\bigcirc$ | Non-illum, maintained |  | A0212X | table. |  |
| $\bigcirc$ | green | A0263E | LED | 24 V white | A0142N5 | Std bezel material : nickel plated brass For optional black finish, add ' $G$ ' to the end of operator model number. |  |  |  |  |  |
| $\bigcirc$ | blue | A0263F | LED | 48 V red | A0142P1 |  |  |  |  |  |  |
| $\bigcirc$ | clear | A0263G | LED | 48 V green | A0142P2 |  |  |  |  |  |  |
| $\bigcirc$ | white | A0263J | LED | 48 V amber | A0142P3 |  |  |  |  |  |  |
| Bezel: | rectang | $\square$ squ | Orour | 'Illum' - illuminated, |  | 'Non-illum' - non illuminated |  |  |  |  |  |

## Indicator

|  | Screen |  | + | Lamp |  | + | Operator (with standard bezel) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bezel | Colour | Part No | Lamp | Voltage | Part No | Bezel | Description | Lamp type | Part No |
| $\square$ | black | A0261A | Filament | 6.3 V | A0141A | $\square$ | Indicator | Lamp/LED bulb | A0271 |
| $\square$ | red | A0261B | Filament | 14 V | A0141B | $\square$ | Indicator | Lamp/LED bulb | A0273 |
| $\square$ | amber | A0261C | Filament | 28 V | A0141C | $\bigcirc$ | Indicator | Lamp/LED bulb | A0275 |
| $\square$ | yellow | A0261D | Filament | 36 V | A0141D |  | Indicator | Lamp/LED bulb |  |
| $\square$ | green | A0261E | Filament | 48 V | A0141E | Operator (with nickel bezel) |  |  |  |
| $\square$ | blue | A0261F | Filament | 60 V | A0141F |  |  |  |  |
| $\square$ | clear | A0261G | Neon | 110 V | A0143G | $\bigcirc$ | Illum, indicato | Lamp/LED bulb | A0277 |
| $\square$ | white | A0261] | Neon | 220 V | A0143H | Std bezel material : nickel plated brass For optional black finish, add ' $G$ ' to the end of operator model number. |  |  |  |
| $\square$ | black | A0262A | LED | 6 V red | A0142L1 |  |  |  |  |
| $\square$ | red | A0262B | LED | 6 V green | A0142L2 |  |  |  |  |
| $\square$ | amber | A0262C | LED | 6 V amber | A0142L3 |  |  |  |  |
| $\square$ | yellow | A0262D | LED | 12 V red | A0142M1 |  |  |  |  |
| $\square$ | green | A0262E | LED | 12 V green | A0142M2 |  |  |  |  |
| $\square$ | blue | A0262F | LED | 12 V amber | A0142M3 |  |  |  |  |
| $\square$ | clear | A0262G | LED | 12 V blue | A0142M4 |  |  |  |  |
| $\square$ | white | A0262J | LED | 12 V white | A0142M5 |  |  |  |  |
| $\bigcirc$ | black | A0263A | LED | 24 V red | A0142N1 |  |  |  |  |
| $\bigcirc$ | red | A0263B | LED | 24 V green | A0142N2 |  |  |  |  |
| $\bigcirc$ | amber | A0263C | LED | 24 V amber | A0142N3 |  |  |  |  |
| $\bigcirc$ | yellow | A0263D | LED | 24 V blue | AO142N4 |  |  |  |  |
| $\bigcirc$ | green | A0263E | LED | 24 V white | A0142N5 |  |  |  |  |
| $\bigcirc$ | blue | A0263F | LED | $48 \mathrm{~V} \text { red }$ | A0142P1 |  |  |  |  |
| $\bigcirc$ | clear | A0263G | LED | 48 V green | A0142P2 |  |  |  |  |
| $\bigcirc$ | white | A0263J | LED | 48 V amber | A0142P3 |  |  |  |  |
| Bezel: | rectang | $\square$ squ | re ro | 'Illum' | iluminated, | 'Non-ill | ' - non illumin |  |  |

Unsealed switches \& indicators (IP40) suffix 01 to the end of the part number.
Screen engraving insertable legends, \& bi-color LED's please contact APEM
For 6.35 mm push on tab terminals suffix the switch block part number with SP

## A02 series

Flush mount pushbutton switches \& indicators Panel cut-out $\varnothing 30 \mathrm{~mm}$

## Ø30mm Flush mount pushbutton



Ø30mm Flush mount indicator


## Flush mount pushbutton switches \& indicators

Overview

## Pushbutton

| Screen |  | + |  | Lamp ${ }_{\text {(if required) }}$ |  | + | Operator |  |  | Switch block |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bezel | Colour | Part No | Lamp | Voltage | Part No | Bezel | Description | Lamp type | Part No | Contacts | Part No |
| 00000000 | black | A0263A | Filament | 6.3 V | A0141A | $\bigcirc$ | Illum, momentary | Lamp/LED bulb | A0214Y | 1 N.O. | A02501 |
|  | red | A0263B | Filament | 14 V | A0141B | $\bigcirc$ | Illum, maintained | Lamp/LED bulb | A0214X | 1 N.C. | A02502 |
|  | amber | A0263C | Filament | 28 V | A0141C | $\bigcirc$ | Non-illum, momentary |  | A0215Y | 2 N.O. | A02503 |
|  | yellow | A0263D | Filament | 36 V | A0141D | $\bigcirc$ | Non-illum, maintained |  | A0215X | 2 N.C. | A02504 |
|  | green | A0263E | Filament | 48 V | A0141E |  | Illum, indicator | Lamp/LED bulb | A02791 | 1 N.O./1 N.C. | A02505 |
|  | blue | A0263F | Filament | 60 V | A0141F | Std bezel material : silver anodised aluminium. For optional black anodised aluminium, add ' $G$ ' to the end of operator model number. |  |  |  |  |  |
|  | clear | A0263G | Neon | 110 V | A0143G |  |  |  |  |  |  |
|  | white | A0263J | Neon | 220 V | A0143H |  |  |  |  | Second switch block |  |
|  |  |  | LED | 6 V red | A0142L1 |  |  |  |  |  |  |
|  |  |  | LED | 6 V green | A0142L2 |  |  |  |  | Contacts | Part No |
|  |  |  | LED | 6 V amber | A0142L3 |  |  |  |  |  |  |
|  |  |  | LED | 12 V red | A0142M1 |  |  |  |  | 1 N.O. |  |
|  |  |  | LED | 12 V green | A0142M2 |  |  |  |  | 1 N.C. A02507 |  |
|  |  |  | LED | 12 V amber | A0142M3 |  |  |  |  |  |  |  |
|  |  |  | LED | 12 V blue | A0142M4 |  |  |  |  | $\begin{array}{ll}2 \text { N.O. } & \text { A02508 } \\ \text { 2 N.C. } & \text { A02509 }\end{array}$ |  |
|  |  |  | LED | 12 V white | A0142M5 |  |  |  |  | 1 N.O./l N.C. A02510 |  |
|  |  |  | LED | 24 V red | A0142N1 |  |  |  |  |  |  |  |
|  |  |  | LED | 24 V green | A0142N2 |  |  |  |  | To achieve 3 or 4 pole |  |
|  |  |  | LED | 24 V amber | A0142N3 |  |  |  |  |  |  |  |
|  |  |  | LED | 24 V blue | A0142N4 |  |  |  |  | switching, add second |  |
|  |  |  | LED | 24 V white | A0142N5 |  |  |  |  | switch block |  |
|  |  |  | LED | 48 V red | A0142P1 |  |  |  |  | table. |  |
|  |  |  | LED | 48 V green | A0142P2 |  |  |  |  |  |  |  |
|  |  |  | LED | 48 V amber | A0142P3 |  |  |  |  |  |  |
| Bezel: $\square$ rectangular $\square$ sq |  |  | Oround. 'Illum' |  | illuminated, | 'Non-illum' - non illuminated |  |  |  |  |  |

## Indicator

| Screen |  | + |  | Lamp |  | Operator |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bezel | Colour | Part No | Lamp | Voltage | Part No | Bezel | Description | Lamp type | Part No |
| $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | black | A0263A | Filament | 6.3 V | A0141A | $\bigcirc$ | Illum, indicator | Lamp/LED bulb | A02791 |
|  | red | A0263B | Filament | 14 V | A0141B |  |  |  |  |
|  | amber | A0263C | Filament | 28 V | A0141C | Std bezel material : silver anodised aluminium. For optional black anodised aluminium, add ' $G$ ' to the end of operator model number. |  |  |  |
|  | yellow | A0263D | Filament | 36 V | A0141D |  |  |  |  |
|  | green | A0263E | Filament | 48 V | A0141E |  |  |  |  |
|  | blue | A0263F | Filament | 60 V | A0141F |  |  |  |  |
|  | clear | A0263G | Neon | 110 V | A0143G |  |  |  |  |
|  | white | A0263J | Neon | 220 V | A0143H |  |  |  |  |
|  |  |  | LED | 6 V red | A0142L1 |  |  |  |  |
|  |  |  | LED | 6 V green | A0142L2 |  |  |  |  |
|  |  |  | LED | 6 V amber | A0142L3 |  |  |  |  |
|  |  |  | LED | 12 V red | A0142M1 |  |  |  |  |
|  |  |  | LED | 12 V green | A0142M2 |  |  |  |  |
|  |  |  | LED | 12 V amber | A0142M3 |  |  |  |  |
|  |  |  | LED | 12 V blue | A0142M4 |  |  |  |  |
|  |  |  | LED | 12 V white | A0142M5 |  |  |  |  |
|  |  |  | LED | 24 V red | A0142N1 |  |  |  |  |
|  |  |  | LED | 24 V green | A0142N2 |  |  |  |  |
|  |  |  | LED | 24 V amber | A0142N3 |  |  |  |  |
|  |  |  | LED | 24 V blue | A0142N4 |  |  |  |  |
|  |  |  | LED | 24 V white | A0142N5 |  |  |  |  |
|  |  |  | LED | 48 V red | A0142P1 |  |  |  |  |
|  |  |  | LED | 48 V green | A0142P2 |  |  |  |  |
|  |  |  | LED | 48 V amber | A0142P3 |  |  |  |  |
| Bezel: | rectangu | $\square$ squ | roun | d. 'Illum' | uminated, | ${ }^{\prime}$ Non-illu | - non illumina |  |  |

Unsealed switches \& indicators (IP40) suffix 01 to the end of the part number. Screen engraving insertable legends, \& bi-color LED's please contact APEM For 6.35 mm push on tab terminals suffix the switch block part number with SP

## A02 series

## Pushbutton switches \& indicators

Installation \& tools

## Installation guide



## Tools



## Accessories

Switch block end cap, terminal guard


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