

# A02 SERIES

## ILLUMINATED OR NON-ILLUMINATED PUSHBUTTON SWITCHES

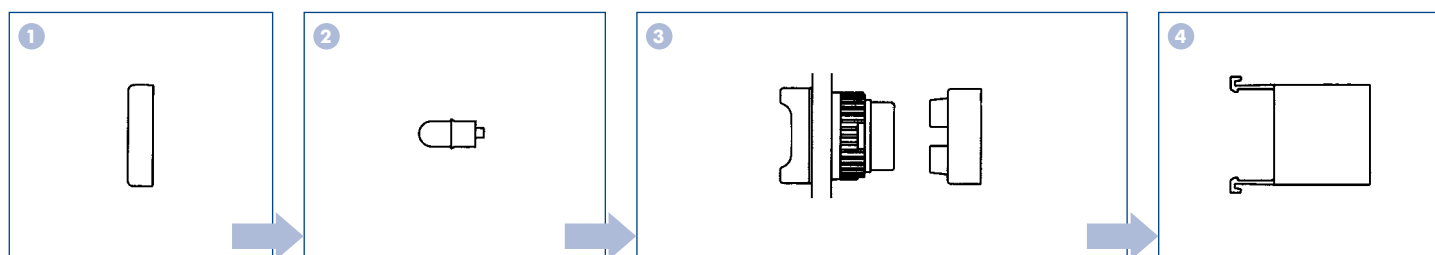
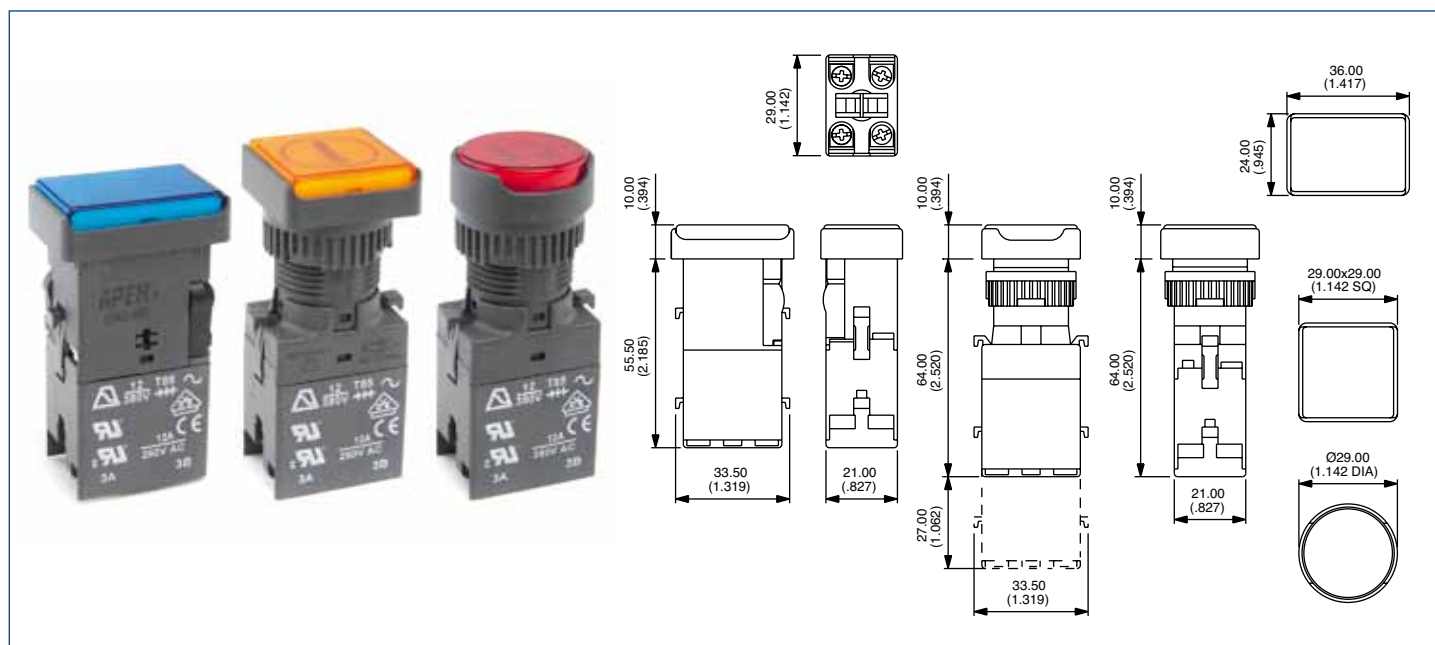
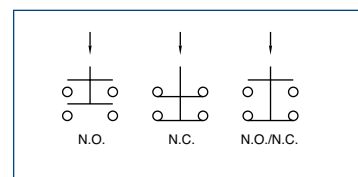
### Panel cut-out Ø22 or 29.5 x 21.5

#### A pushbutton assembly requires:

screen + lamp (if illuminated) + operator + one or two switchblocks

To order these elements, select desired model numbers from tables below.

**Example:** IP65 rectangular maintained pushbutton, switch blocks with 2 N.O. contacts, red screen and 12V red LED assembly  
= A0261B, A0242J1, A0201X and A02503.



#### Screen

| Bezel                    | Colour | Part No |
|--------------------------|--------|---------|
| <input type="checkbox"/> | black  | A0261A  |
| <input type="checkbox"/> | red    | A0261B  |
| <input type="checkbox"/> | amber  | A0261C  |
| <input type="checkbox"/> | yellow | A0261D  |
| <input type="checkbox"/> | green  | A0261E  |
| <input type="checkbox"/> | blue   | A0261F  |
| <input type="checkbox"/> | clear  | A0261G  |
| <input type="checkbox"/> | white  | A0261J  |
| <input type="checkbox"/> | black  | A0262A  |
| <input type="checkbox"/> | red    | A0262B  |
| <input type="checkbox"/> | amber  | A0262C  |
| <input type="checkbox"/> | yellow | A0262D  |
| <input type="checkbox"/> | green  | A0262E  |
| <input type="checkbox"/> | blue   | A0262F  |
| <input type="checkbox"/> | clear  | A0262G  |
| <input type="checkbox"/> | white  | A0262J  |
| <input type="checkbox"/> | black  | A0263A  |
| <input type="checkbox"/> | red    | A0263B  |
| <input type="checkbox"/> | amber  | A0263C  |
| <input type="checkbox"/> | yellow | A0263D  |
| <input type="checkbox"/> | green  | A0263E  |
| <input type="checkbox"/> | blue   | A0263F  |
| <input type="checkbox"/> | clear  | A0263G  |
| <input type="checkbox"/> | white  | A0263J  |

#### Lamp

| Lamp                          | Voltage       | Part No |
|-------------------------------|---------------|---------|
| Filament                      | 6.3V          | A0141A  |
| Filament                      | 14V           | A0141B  |
| Filament                      | 28V           | A0141C  |
| Filament                      | 36V           | A0141D  |
| Filament                      | 48V           | A0141E  |
| Filament                      | 60V           | A0141F  |
| Neon                          | 110V          | A0143G  |
| Neon                          | 220V          | A0143H  |
| LED lamp                      | model numbers |         |
|                               | see Pages 6&7 |         |
| <b>Special LED Assemblies</b> |               |         |
| LED assy                      | 6V            | A0242H* |
| LED assy                      | 12V           | A0242J* |
| LED assy                      | 24V           | A0242K* |
| LED assy                      | 6V            | A0243H* |
| LED assy                      | 12V           | A0243J* |
| LED assy                      | 24V           | A0243K* |
| LED assy                      | 6V            | A0244H* |
| LED assy                      | 12V           | A0244J* |
| LED assy                      | 24V           | A0244K* |
| NB Replace * with colour code |               |         |
| for LED assemblies:           |               |         |
|                               | 1: red        |         |
|                               | 2: green      |         |
|                               | 3: amber      |         |

#### Operator

| Bezel                    | Description           | Lamp type        | Part No |
|--------------------------|-----------------------|------------------|---------|
| <input type="checkbox"/> | Illum, momentary      | Lamp/LED bulb    | A0201Y  |
| <input type="checkbox"/> | Illum, maintained     | Lamp/LED bulb    | A0201X  |
| <input type="checkbox"/> | Illum, momentary      | Special LED assy | A0202Y  |
| <input type="checkbox"/> | Illum, maintained     | Special LED assy | A0202X  |
| <input type="checkbox"/> | Non-illum, momentary  |                  | A0203Y  |
| <input type="checkbox"/> | Non-illum, maintained |                  | A0203X  |
| <input type="checkbox"/> | Illum, momentary      | Lamp/LED bulb    | A0204Y  |
| <input type="checkbox"/> | Illum, maintained     | Lamp/LED bulb    | A0204X  |
| <input type="checkbox"/> | Illum, momentary      | Special LED assy | A0205Y  |
| <input type="checkbox"/> | Illum, maintained     | Special LED assy | A0205X  |
| <input type="checkbox"/> | Non-illum, momentary  |                  | A0206Y  |
| <input type="checkbox"/> | Non-illum, maintained |                  | A0206X  |
| <input type="checkbox"/> | Illum, momentary      | Lamp/LED bulb    | A0207Y  |
| <input type="checkbox"/> | Illum, maintained     | Lamp/LED bulb    | A0207X  |
| <input type="checkbox"/> | Illum, momentary      | Special LED assy | A0208Y  |
| <input type="checkbox"/> | Illum, maintained     | Special LED assy | A0208X  |
| <input type="checkbox"/> | Non-illum, momentary  |                  | A0209Y  |
| <input type="checkbox"/> | Non-illum, maintained |                  | A0209X  |

#### White or Blue LED Assembly:

contact APEM Components

**Screen engraving/insertable legends:**  
contact APEM Components

#### Switch block

| Contacts      | Part No |
|---------------|---------|
| 1 N.O.        | A02501  |
| 1 N.C.        | A02502  |
| 2 N.O.        | A02503  |
| 2 N.C.        | A02504  |
| 1 N.O./1 N.C. | A02505  |

#### Second switch block

| Contacts      | Part No |
|---------------|---------|
| 1 N.O.        | A02506  |
| 1 N.C.        | A02507  |
| 2 N.O.        | A02508  |
| 2 N.C.        | A02509  |
| 1 N.O./1 N.C. | A02510  |

To achieve 3 or 4 pole switching, add second switch block from above table.

**Unsealed switches (IP40):**  
add '01' to end of operator model number

Bezel: ☐ rectangular ☐ square ☐ round. 'Illum' - illuminated, 'Non-illum' - non illuminated

# A02 SERIES

## METAL BEZEL PUSHBUTTON SWITCHES AND INDICATORS

### Panel cut-out Ø22

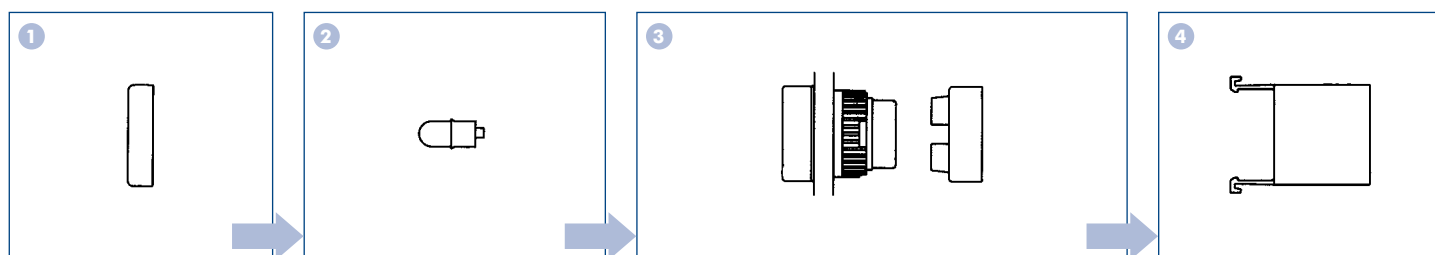
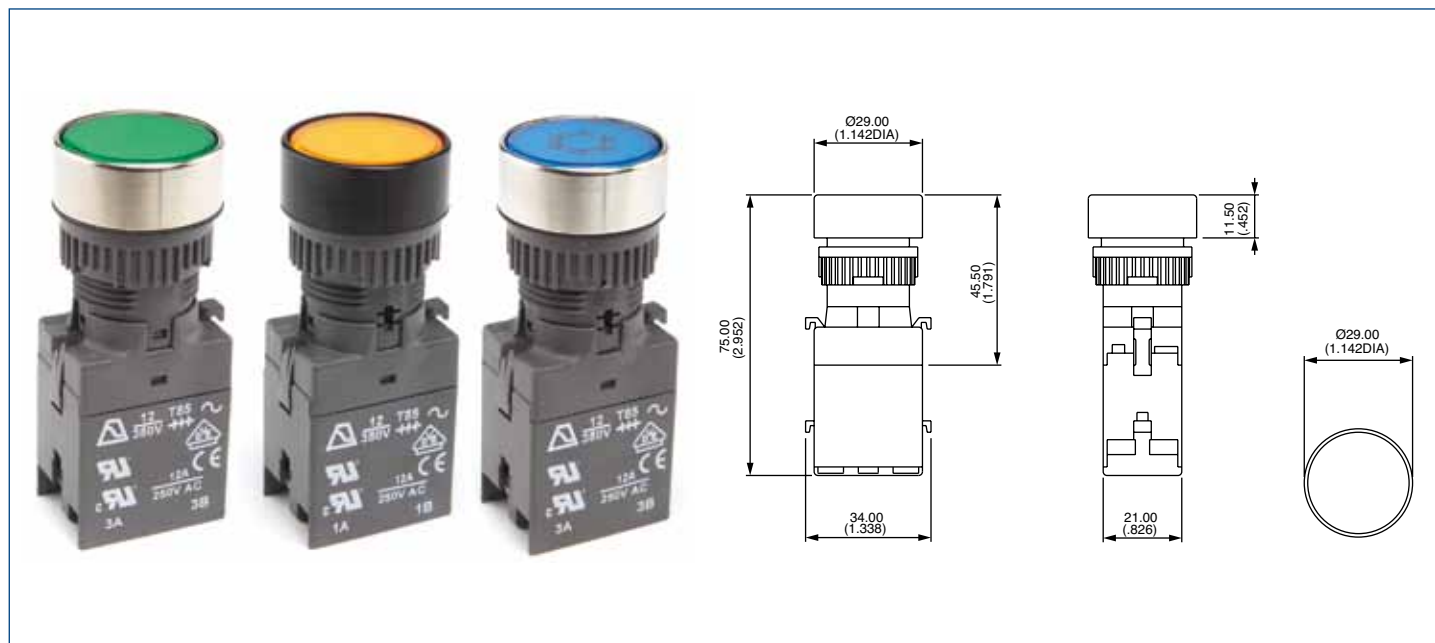
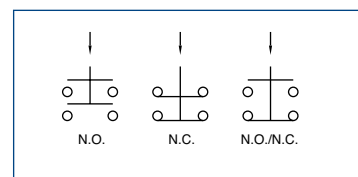
#### A pushbutton assembly requires:

screen + lamp (if illuminated) + operator + one or two switchblocks

#### An indicator assembly requires : screen + lamp + operator

**Example:** IP65 metal bezel maintained pushbutton, switch block with 2 N.O. contacts, red screen and 12V red LED assembly

= A0263B, A0244J1, A0211X and A02503



#### Screen

| Bezel | Colour | Part No |
|-------|--------|---------|
| ○     | black  | A0263A  |
| ○     | red    | A0263B  |
| ○     | amber  | A0263C  |
| ○     | yellow | A0263D  |
| ○     | green  | A0263E  |
| ○     | blue   | A0263F  |
| ○     | clear  | A0263G  |
| ○     | white  | A0263J  |

#### Lamp

| Lamp                                 | Voltage | Part No  |
|--------------------------------------|---------|----------|
| Filament                             | 6.3V    | A0141A   |
| Filament                             | 14V     | A0141B   |
| Filament                             | 28V     | A0141C   |
| Filament                             | 36V     | A0141D   |
| Filament                             | 48V     | A0141E   |
| Filament                             | 60V     | A0141F   |
| Neon                                 | 110V    | A0143G   |
| Neon                                 | 220V    | A0143H   |
| LED lamp model numbers see Pages 6&7 |         |          |
| <b>Special LED Assemblies</b>        |         |          |
| LED assy                             | 6V      | A0244H*  |
| LED assy                             | 12V     | A0244J*  |
| LED assy                             | 24V     | A0244K*  |
| NB Replace * with colour code        |         |          |
| for LED assemblies:                  |         | 1: red   |
|                                      |         | 2: green |
|                                      |         | 3: amber |

#### White or Blue LED

#### Assembly:

contact APEM Components

#### Operator

| Bezel | Description           | Lamp type        | Part No |
|-------|-----------------------|------------------|---------|
| ○     | Illum, momentary      | Lamp/LED bulb    | A0210Y  |
| ○     | Illum, maintained     | Lamp/LED bulb    | A0210X  |
| ○     | Illum, momentary      | Special LED assy | A0211Y  |
| ○     | Illum, maintained     | Special LED assy | A0211X  |
| ○     | Non-illum, momentary  |                  | A0212Y  |
| ○     | Non-illum, maintained |                  | A0212X  |
| ○     | Illum, indicator      | Lamp/LED bulb    | A0277   |
| ○     | Illum, indicator      | Special LED assy | A0278   |

Std bezel material : nickel plated brass

For optional black finish, add 'G' to the end of operator model number.

#### Unsealed switches (IP40):

add '01' to end of operator model number

#### Screen engraving/insertable legends:

contact APEM Components

#### Switch block

| Contacts      | Part No |
|---------------|---------|
| 1 N.O.        | A02501  |
| 1 N.C.        | A02502  |
| 2 N.O.        | A02503  |
| 2 N.C.        | A02504  |
| 1 N.O./1 N.C. | A02505  |

#### Second switch block

| Contacts      | Part No |
|---------------|---------|
| 1 N.O.        | A02506  |
| 1 N.C.        | A02507  |
| 2 N.O.        | A02508  |
| 2 N.C.        | A02509  |
| 1 N.O./1 N.C. | A02510  |

To achieve 3 or 4 pole switching, add second switch block from above table.

# A02 SERIES

## FLUSH MOUNTING PUSHBUTTON SWITCHES AND INDICATORS

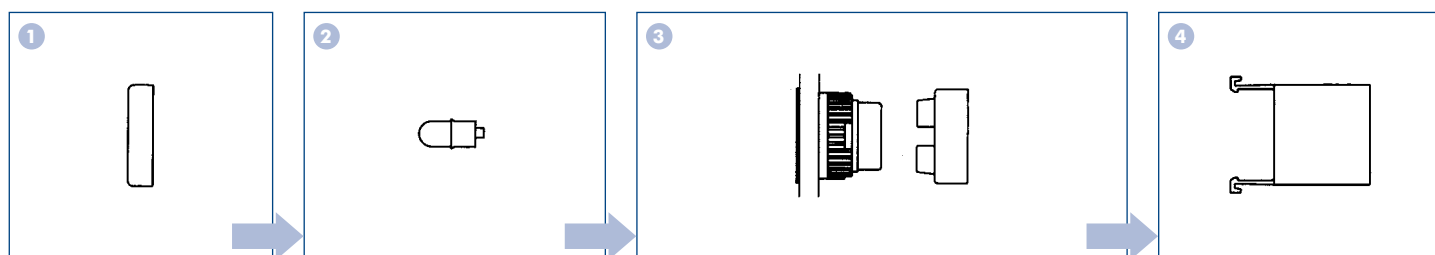
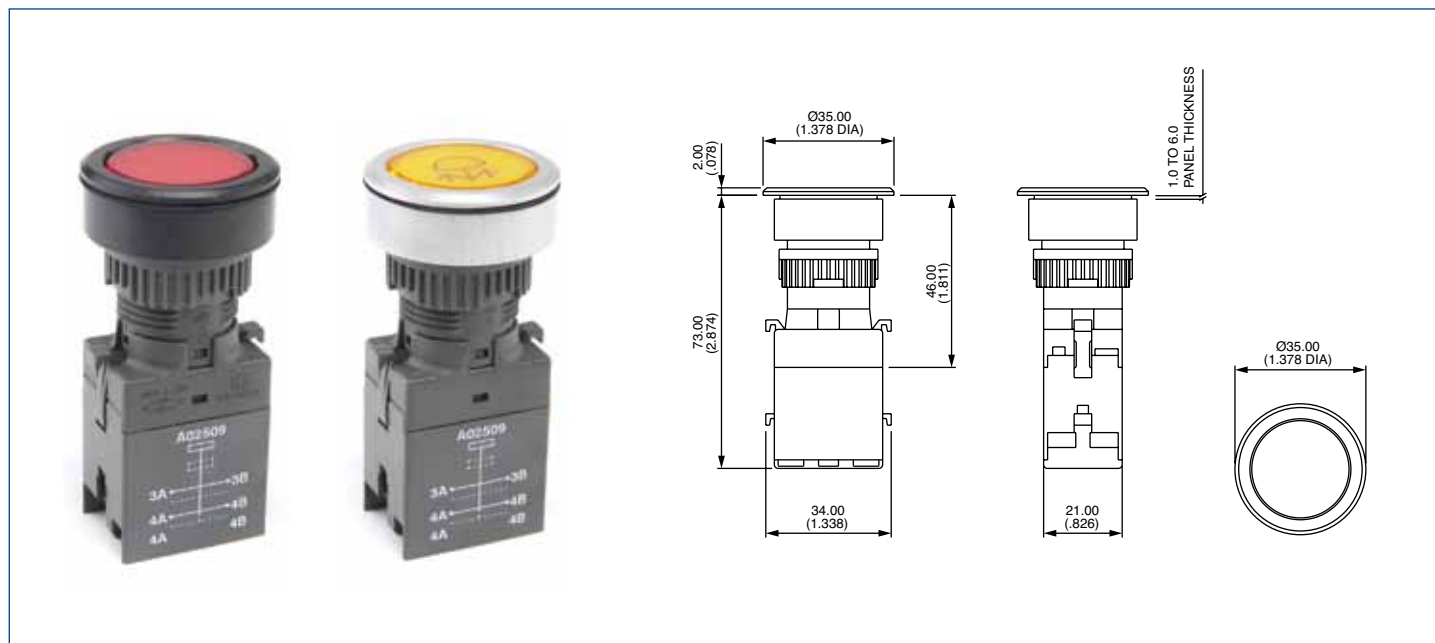
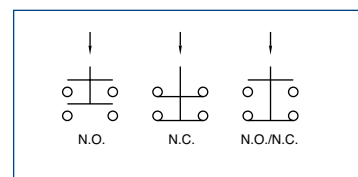
### Panel cut-out Ø30

#### A pushbutton assembly requires:

screen + lamp (if illuminated) + operator + one or two switchblocks

#### An indicator assembly requires : screen + lamp + operator

**Example:** IP65 flush mounting maintained pushbutton, switch block with 2 N.O. contacts, red screen and 12V red LED assembly  
= A0263B, A0244J1, A0213X and A02503



#### Screen

| Bezel | Colour | Part No |
|-------|--------|---------|
| ○     | black  | A0263A  |
| ○     | red    | A0263B  |
| ○     | amber  | A0263C  |
| ○     | yellow | A0263D  |
| ○     | green  | A0263E  |
| ○     | blue   | A0263F  |
| ○     | clear  | A0263G  |
| ○     | white  | A0263J  |

#### Lamp

| Lamp                                 | Voltage | Part No  |
|--------------------------------------|---------|----------|
| Filament                             | 6.3V    | A0141A   |
| Filament                             | 14V     | A0141B   |
| Filament                             | 28V     | A0141C   |
| Filament                             | 36V     | A0141D   |
| Filament                             | 48V     | A0141E   |
| Filament                             | 60V     | A0141F   |
| Neon                                 | 110V    | A0143G   |
| Neon                                 | 220V    | A0143H   |
| LED lamp model numbers see Pages 6&7 |         |          |
| <b>Special LED Assemblies</b>        |         |          |
| LED assy                             | 6V      | A0244H*  |
| LED assy                             | 12V     | A0244J*  |
| LED assy                             | 24V     | A0244K*  |
| NB Replace * with colour code        |         |          |
| for LED assemblies:                  |         | 1: red   |
|                                      |         | 2: green |
|                                      |         | 3: amber |

#### White or Blue LED

#### Assembly:

contact APEM Components

#### Operator

| Bezel | Description           | Lamp type        | Part No |
|-------|-----------------------|------------------|---------|
| ○     | Illum, momentary      | Lamp/LED bulb    | A0214Y  |
| ○     | Illum, maintained     | Lamp/LED bulb    | A0214X  |
| ○     | Illum, momentary      | Special LED assy | A0213Y  |
| ○     | Illum, maintained     | Special LED assy | A0213X  |
| ○     | Non-illum, momentary  |                  | A0215Y  |
| ○     | Non-illum, maintained |                  | A0215X  |
| ○     | Illum, indicator      | Lamp/LED bulb    | A02791  |
| ○     | Illum, indicator      | Special LED assy | A02792  |

Std bezel material : silver anodised aluminium.

For optional black anodised aluminium, add 'G' to the end of **operator** model number.

#### Unsealed switches (IP40):

add '01' to end of **operator** model number

#### Screen engraving/insertable legends:

contact APEM Components

#### Switch block

| Contacts      | Part No |
|---------------|---------|
| 1 N.O.        | A02501  |
| 1 N.C.        | A02502  |
| 2 N.O.        | A02503  |
| 2 N.C.        | A02504  |
| 1 N.O./1 N.C. | A02505  |

#### Second switch block

| Contacts      | Part No |
|---------------|---------|
| 1 N.O.        | A02506  |
| 1 N.C.        | A02507  |
| 2 N.O.        | A02508  |
| 2 N.C.        | A02509  |
| 1 N.O./1 N.C. | A02510  |

To achieve 3 or 4 pole switching, add second switch block from above table.

# A02 SERIES

## INDICATORS

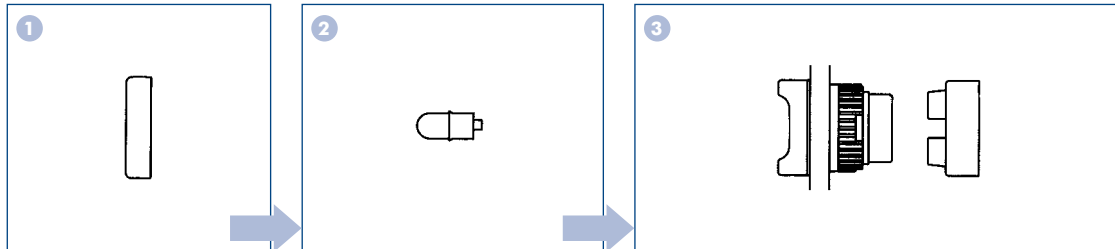
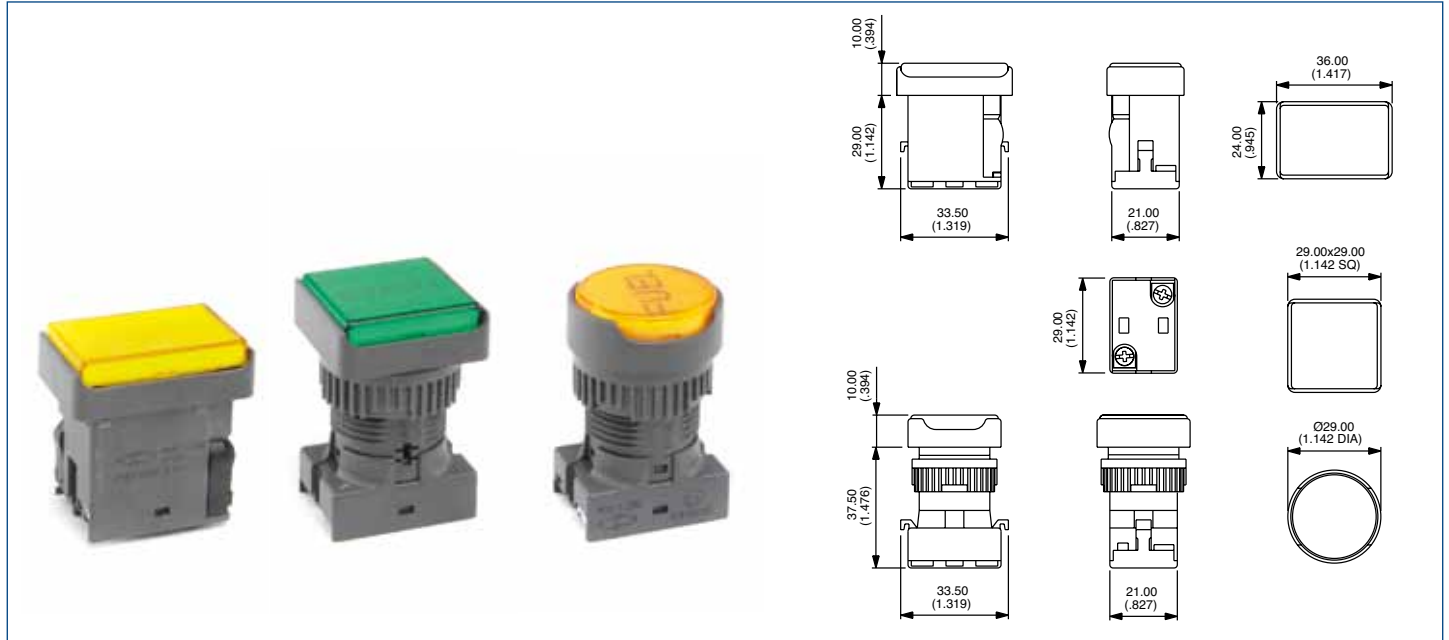
Panel cut-out Ø22 or 29.5 x 21.5

### An indicator assembly requires:

screen + lamp, LED bulb or LED assembly + operator

To order these elements, select desired model numbers from tables below.

**Example:** rectangular indicator with red screen and 12V red LED assembly  
= A0261B, A0242J1 and A0272



### Screen

| Bezel | Colour | Part No |
|-------|--------|---------|
|       | black  | A0261A  |
|       | red    | A0261B  |
|       | amber  | A0261C  |
|       | yellow | A0261D  |
|       | green  | A0261E  |
|       | blue   | A0261F  |
|       | clear  | A0261G  |
|       | white  | A0261J  |
|       | black  | A0262A  |
|       | red    | A0262B  |
|       | amber  | A0262C  |
|       | yellow | A0262D  |
|       | green  | A0262E  |
|       | blue   | A0262F  |
|       | clear  | A0262G  |
|       | white  | A0262J  |
|       | black  | A0263A  |
|       | red    | A0263B  |
|       | amber  | A0263C  |
|       | yellow | A0263D  |
|       | green  | A0263E  |
|       | blue   | A0263F  |
|       | clear  | A0263G  |
|       | white  | A0263J  |

### Lamp

| Lamp                          | Voltage       | Part No |
|-------------------------------|---------------|---------|
| Filament                      | 6.3V          | A0141A  |
| Filament                      | 14V           | A0141B  |
| Filament                      | 28V           | A0141C  |
| Filament                      | 36V           | A0141D  |
| Filament                      | 48V           | A0141E  |
| Filament                      | 60V           | A0141F  |
| Neon                          | 110V          | A0143G  |
| Neon                          | 220V          | A0143H  |
| LED lamp                      | model numbers |         |
| see Pages 6&7                 |               |         |
| <b>Special LED Assemblies</b> |               |         |
| LED assy                      | 6V            | A0242H* |
| LED assy                      | 12V           | A0242J* |
| LED assy                      | 24V           | A0242K* |
| LED assy                      | 6V            | A0243H* |
| LED assy                      | 12V           | A0243J* |
| LED assy                      | 24V           | A0243K* |
| LED assy                      | 6V            | A0244H* |
| LED assy                      | 12V           | A0244J* |
| LED assy                      | 24V           | A0244K* |
| NB Replace * with colour code |               |         |
| for LED assemblies:           |               |         |
|                               | 1: red        |         |
|                               | 2: green      |         |
|                               | 3: amber      |         |

### Operator

| Bezel | Description | Lamp type        | Part No |
|-------|-------------|------------------|---------|
|       | Indicator   | Lamp/LED bulb    | A0271   |
|       | Indicator   | Special LED assy | A0272   |
|       | Indicator   | Lamp/LED bulb    | A0273   |
|       | Indicator   | Special LED assy | A0274   |
|       | Indicator   | Lamp/LED bulb    | A0275   |
|       | Indicator   | Special LED assy | A0276   |

### White or Blue LED Assembly:

contact APEM Components

### Screen engraving/insertable legends:

contact APEM Components

### Unsealed indicators (IP40):

add '01' to end of operator model number

Bezel: rectangular square round

# A02 SERIES

## ROTARY SWITCHES

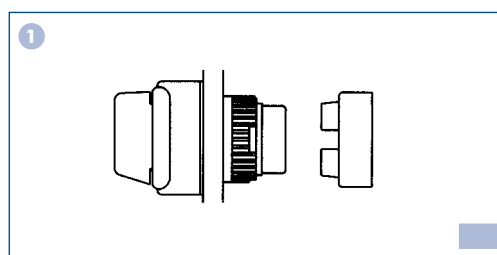
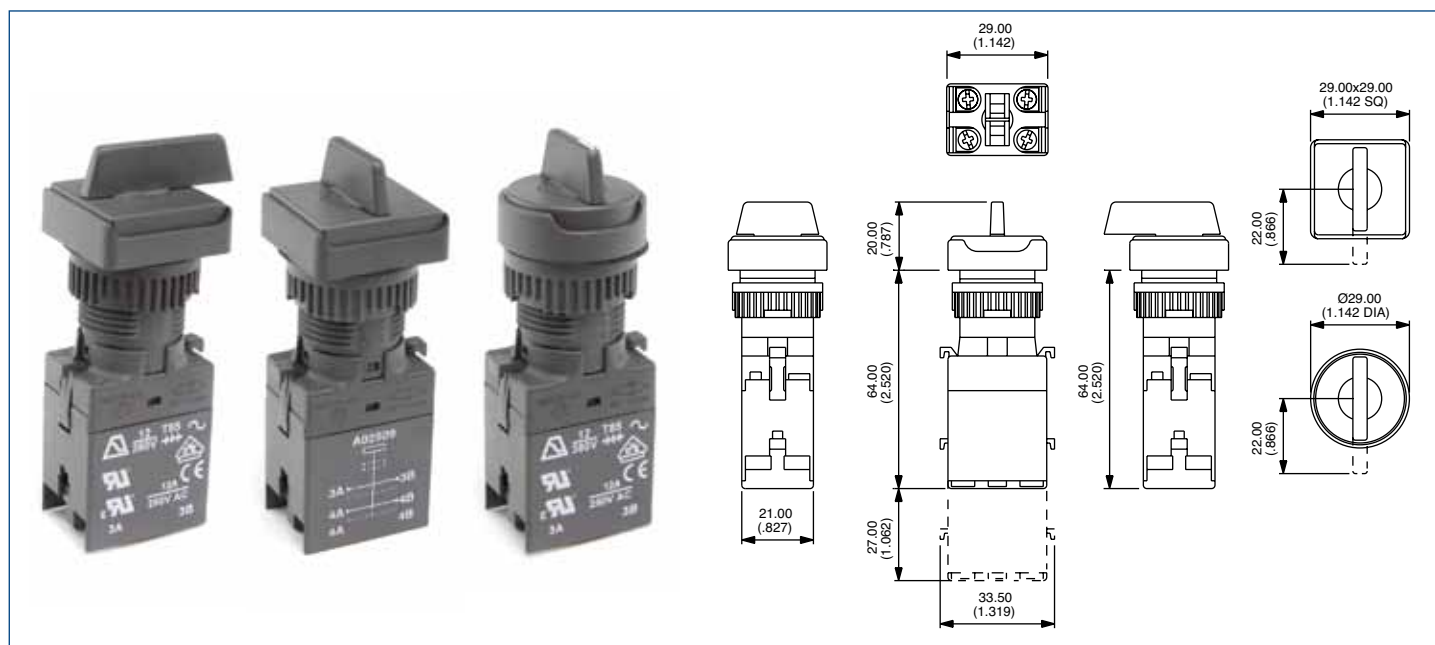
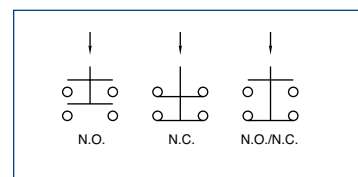
### Panel cut-out Ø22 (.866)

#### A rotary lever assembly requires:

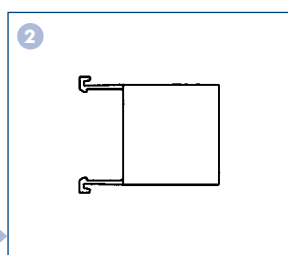
operator + one or two switchblocks

To order these elements, select desired model numbers from tables below.

**Example:** IP65 square 2 position maintained rotary switch with long lever, switch block with 2 N.O. contacts = A029101 and A02503.



**Operator**



**Switch block**

| Bezel                    | Description        | Short lever | Long lever |
|--------------------------|--------------------|-------------|------------|
| <input type="checkbox"/> | 2 pos. maintained  | A029201     | A029101    |
| <input type="checkbox"/> | 2 pos. momentary   | A029202     | A029102    |
| <input type="checkbox"/> | 3 pos. maintained  | A029203     | A029103    |
| <input type="checkbox"/> | 3 pos. momentary   | A029204     | A029104    |
| <input type="checkbox"/> | 3 pos. mainL, momR | A029205     | A029105    |
| <input type="checkbox"/> | 3 pos. momL, mainR | A029206     | A029106    |
| <input type="radio"/>    | 2 pos. maintained  | A029401     | A029301    |
| <input type="radio"/>    | 2 pos. momentary   | A029402     | A029302    |
| <input type="radio"/>    | 3 pos. maintained  | A029403     | A029303    |
| <input type="radio"/>    | 3 pos. momentary   | A029404     | A029304    |
| <input type="radio"/>    | 3 pos. mainL, momR | A029405     | A029305    |
| <input type="radio"/>    | 3 pos. momL, mainR | A029406     | A029306    |

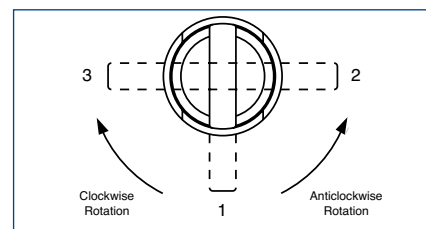
| Contacts      | Part No |
|---------------|---------|
| 1 N.O.        | A02501  |
| 1 N.C.        | A02502  |
| 2 N.O.        | A02503  |
| 2 N.C.        | A02504  |
| 1 N.O./1 N.C. | A02505  |

#### Second switch block

| Contacts      | Part No |
|---------------|---------|
| 1 N.O.        | A02506  |
| 1 N.C.        | A02507  |
| 2 N.O.        | A02508  |
| 2 N.C.        | A02509  |
| 1 N.O./1 N.C. | A02510  |

To achieve 3 or 4 pole switching, add second switch block from above table.

#### Lever Positions



#### • Lever Rotation – 2 position switches

The model numbers shown are for switches with anticlockwise lever rotation.

For clockwise rotation, replace:

01 with 07  
02 with 08

at the end of the model number

#### Optional Engraving on Lever End



To order add 'WL' to the end of the part number.

**Example:** A029401WL

Bezel: ☐ square ☐ round

# A02 SERIES

## KEYLOCK SWITCHES

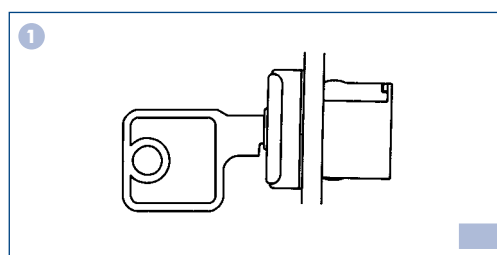
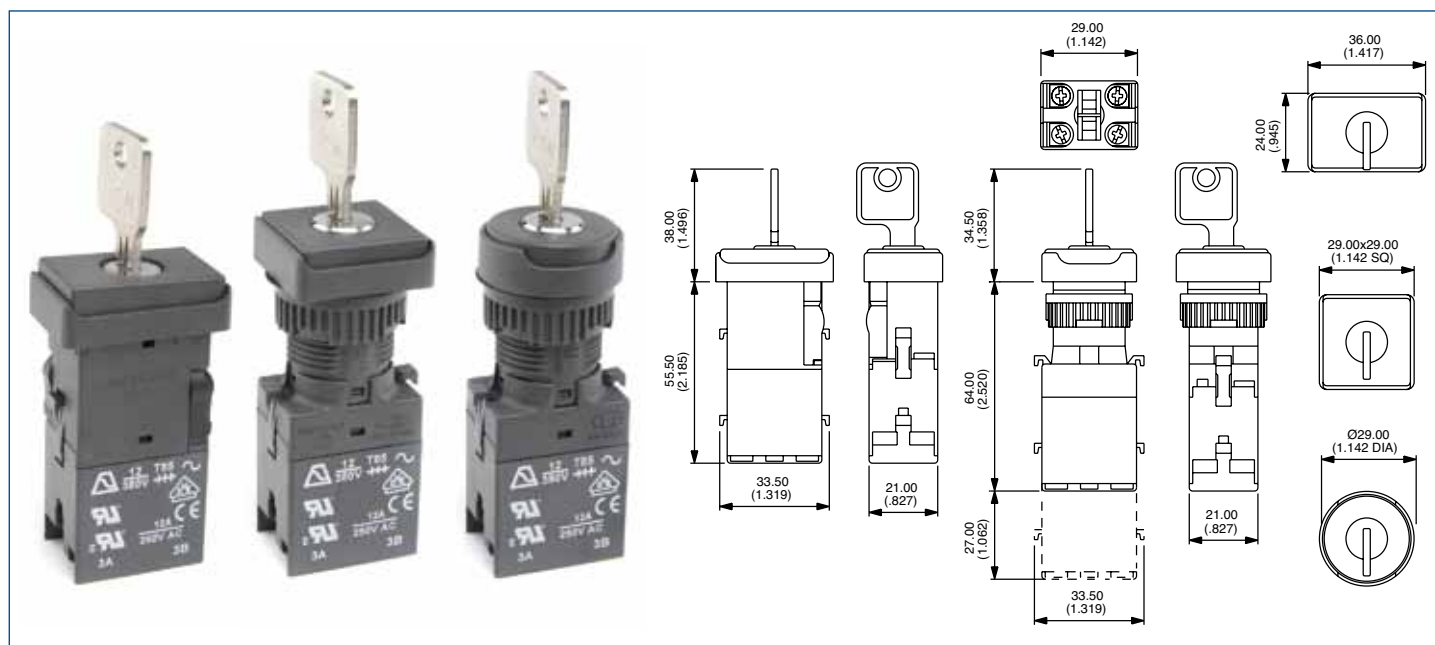
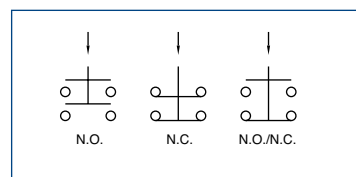
### Panel cut-out Ø22 or 29.5 x 21.5

#### A keylock assembly requires:

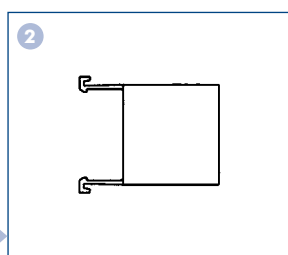
operator + one or two switchblocks

To order these elements, select desired model numbers from tables below.

**Example:** IP65 square 2 position maintained keyswitch, switch block with 2 N.O. contacts = A028201 and A02503



**Operator**



**Switch block**

| Bezel                    | Description        | Part No. | Key removable in positions |
|--------------------------|--------------------|----------|----------------------------|
| <input type="checkbox"/> | 2 pos. maintained  | A028101  | A-C                        |
| <input type="checkbox"/> | 2 pos. momentary   | A028102  | A                          |
| <input type="checkbox"/> | 3 pos. maintained  | A028105  | A-B-C                      |
| <input type="checkbox"/> | 3 pos. momentary   | A028106  | A                          |
| <input type="checkbox"/> | 3 pos. mainL, momR | A028107  | A-B                        |
| <input type="checkbox"/> | 3 pos. momL, mainR | A028108  | A-C                        |
| <input type="checkbox"/> | 2 pos. maintained  | A028201  | A-C                        |
| <input type="checkbox"/> | 2 pos. momentary   | A028202  | A                          |
| <input type="checkbox"/> | 3 pos. maintained  | A028205  | A-B-C                      |
| <input type="checkbox"/> | 3 pos. momentary   | A028206  | A                          |
| <input type="checkbox"/> | 3 pos. mainL, momR | A028207  | A-B                        |
| <input type="checkbox"/> | 3 pos. momL, mainR | A028208  | A-C                        |
| <input type="radio"/>    | 2 pos. maintained  | A028301  | A-C                        |
| <input type="radio"/>    | 2 pos. momentary   | A028302  | A                          |
| <input type="radio"/>    | 3 pos. maintained  | A028305  | A-B-C                      |
| <input type="radio"/>    | 3 pos. momentary   | A028306  | A                          |
| <input type="radio"/>    | 3 pos. mainL, momR | A028307  | A-B                        |
| <input type="radio"/>    | 3 pos. momL, mainR | A028308  | A-C                        |

To specify flush mounting (30mmØ) option: add 'FM' to the end of the part number:  
**Example:** A028301FM (round operator only)

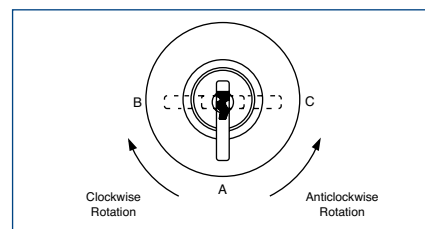
| Contacts      | Part No |
|---------------|---------|
| 1 N.O.        | A02501  |
| 1 N.C.        | A02502  |
| 2 N.O.        | A02503  |
| 2 N.C.        | A02504  |
| 1 N.O./1 N.C. | A02505  |

#### Second switch block

| Contacts      | Part No |
|---------------|---------|
| 1 N.O.        | A02506  |
| 1 N.C.        | A02507  |
| 2 N.O.        | A02508  |
| 2 N.C.        | A02509  |
| 1 N.O./1 N.C. | A02510  |

To achieve 3 or 4 pole switching, add second switch block from above table.

#### Key Positions



#### Key Rotation – 2 position switches

The model numbers shown are for switches with anticlockwise lever rotation.

For clockwise rotation, replace:

01 with 20  
 02 with 19

at the end of the model number

- 2 standard keys are supplied
- 20 key barrel types available from stock
- Non-removable key positions: contact APEM components

Bezel: ☐ rectangular ☐ square ☐ round. 'pos' - position, 'mainL' - maintained left 'momR' - momentary right, etc

# A02 SERIES

## EMERGENCY STOP SWITCHES

### Panel cut-out Ø22 (.866)

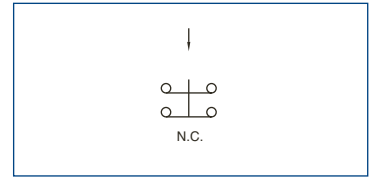
- Prominent 40mm (1.575) dia. red mushroom actuator
- Highly reliable positive break switch
- Push to shut off switch, twist to reset to ON

#### An emergency stop switch assembly requires:

operator + switch block

To order specify with single pole or double pole positive break switch block.

Approved to UL1054/EN 60947-5-5

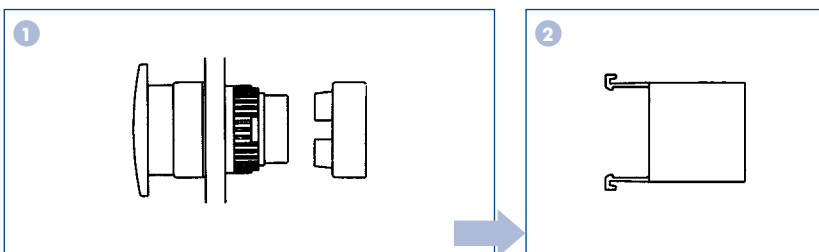
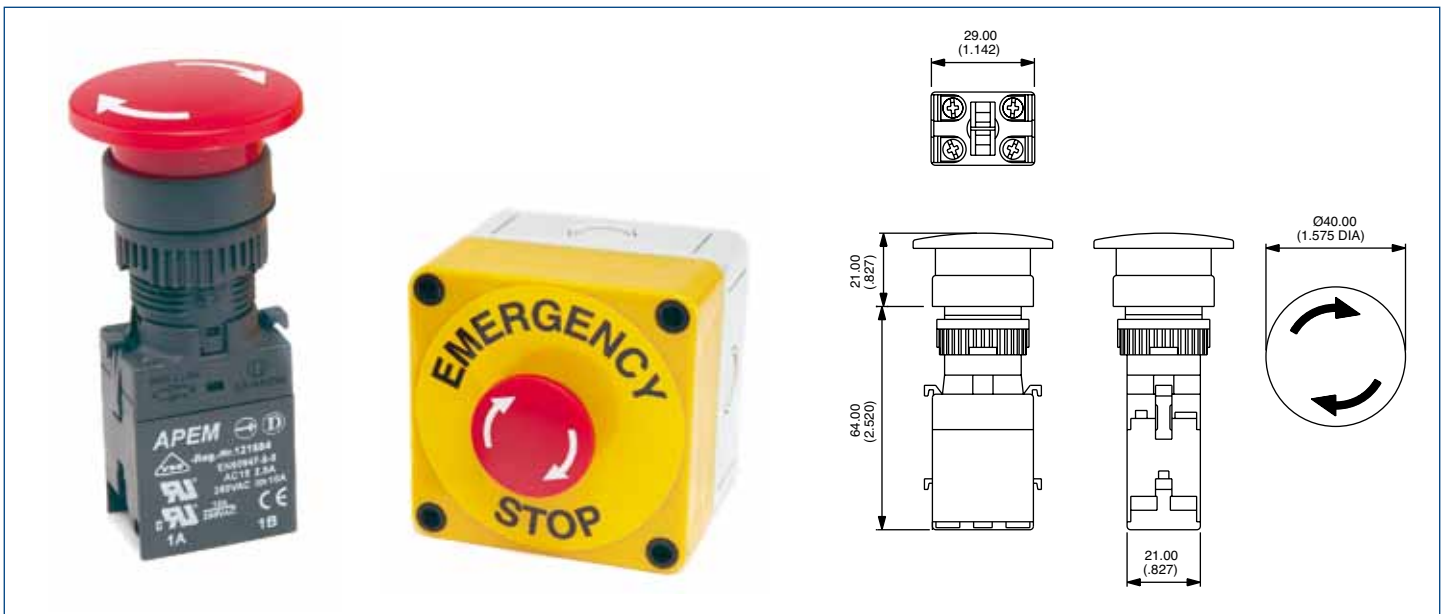


#### General Specifications

|                                              |                                              |
|----------------------------------------------|----------------------------------------------|
| Min Mechanical Life                          | : 6050 cycles (6 cycles per minute)          |
| Operating Force                              | : 20N                                        |
| Operating Temperature                        | : -20°C to +85°C                             |
| Degree of Environmental Protection (IEC 529) | : IP65 front of panel<br>IP40 back of panel  |
| Switch Terminals                             | : M3 screws-wire 2 x 0.75mm <sup>2</sup> max |

#### Electrical Specifications

|                         |                     |
|-------------------------|---------------------|
| Current/Voltage rating  | : 2.5A 380VAC AC-15 |
| Contact Gap             | : >3mm              |
| Dielectric test voltage | : 2500V             |
| Electrical Life         | : >6050             |



#### Operator

| Bezel | Description     | Part No |
|-------|-----------------|---------|
| ○     | E-Stop operator | A02ES   |

#### Switch block

| No of poles | Part No |
|-------------|---------|
| Double pole | A02511  |
| Single pole | A02512  |

#### Accessories



#### 90° Self Adhesive Label

| Description            | Part No |
|------------------------|---------|
| Yellow label with text | A02YL1  |
| Yellow label           | A02YL2  |

To order the Emergency Stop Switch in the Plastic Enclosure with a 2 Pole Positive break Switchblock and Emergency Stop label use **part number: A02PE2L**

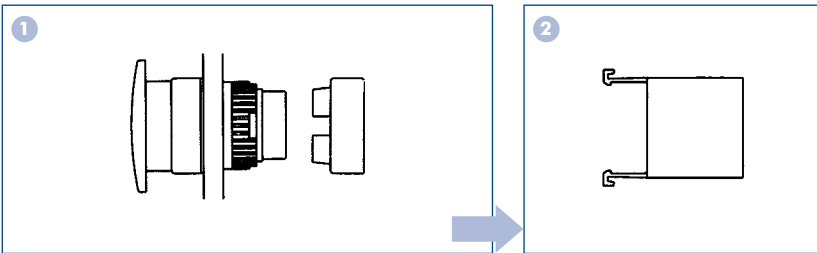
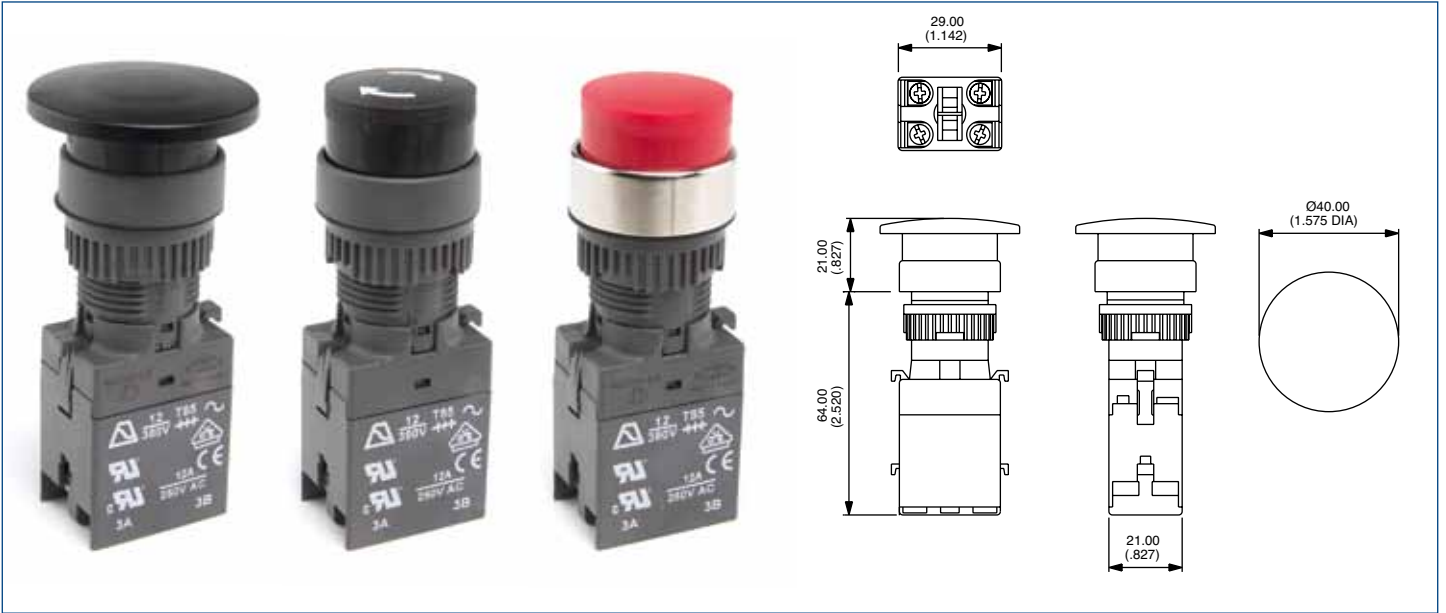
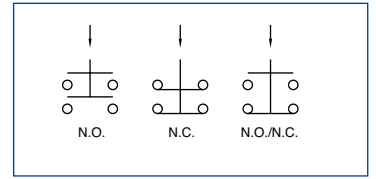
Bezel: ○ round.

# A02 SERIES

## MUSHROOM HEAD PUSHBUTTON SWITCHES

### Panel cut-out Ø22 (.866)

- Prominent 40mm (1.575) dia. mushroom actuator
- Momentary and maintained functions, momentary function versions are unmarked, maintained function versions are twist to release (arrows indicate direction of twist)
- Various coloured mushroom actuators are available



#### Operator

| Bezel | Description       | Part No |
|-------|-------------------|---------|
| ○     | Black momentary   | A02MMA  |
| ○     | Red momentary     | A02MMB  |
| ○     | Yellow momentary  | A02MMD  |
| ○     | Green momentary   | A02MME  |
| ○     | Blue momentary    | A02MMF  |
| ○     | Black maintained  | A02MXA  |
| ○     | Red maintained    | A02MXB  |
| ○     | Yellow maintained | A02MXD  |
| ○     | Green maintained  | A02MXE  |
| ○     | Blue maintained   | A02MXF  |

#### Switch block

| Contacts      | Part No |
|---------------|---------|
| 1 N.O.        | A02501  |
| 1 N.C.        | A02502  |
| 2 N.O.        | A02503  |
| 2 N.C.        | A02504  |
| 1 N.O./1 N.C. | A02505  |

#### Second switch block

| Contacts      | Part No |
|---------------|---------|
| 1 N.O.        | A02506  |
| 1 N.C.        | A02507  |
| 2 N.O.        | A02508  |
| 2 N.C.        | A02509  |
| 1 N.O./1 N.C. | A02510  |

For optional reduced (Ø26mm) mushroom head operators: contact APEM Components

To achieve 3 or 4 pole switching, add second switch block from above table.

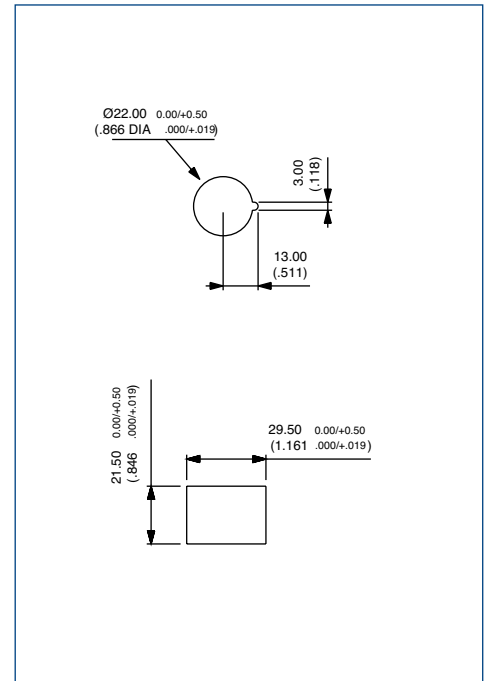
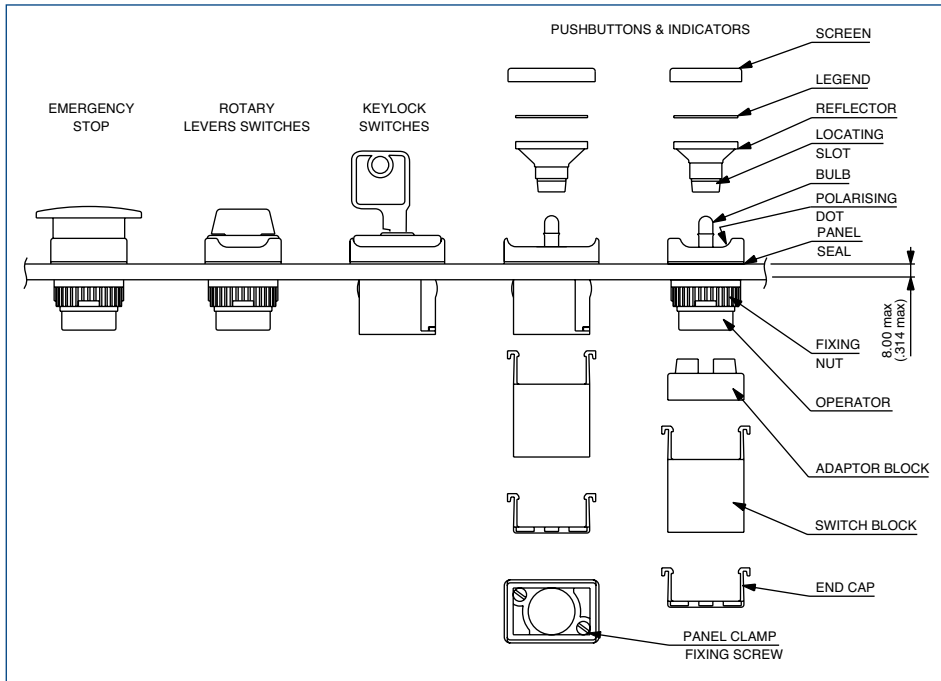
Bezel: ○ round.

# A02 SERIES

## INDUSTRIAL CONTROLS

### Installation

#### Modular Construction/panel mounting



#### PANEL MOUNTING ASSEMBLY

- Drill/punch hole in panel as shaped above.
- Assemble front operator through hole and:
  - a) *Round & Square types*: tighten nut to a maximum torque of 0,8Nm using tool No. 30-0001. Snap on adaptor block
  - b) *Rectangular types*: tighten two panel fixing screws in front to a maximum torque of 6cNm.
- Wire chosen switch block as required and snap onto front operator.
- Snap end cap onto switch block (optional).
- Fit bulb if required using tool No. 30-0002.
- Snap screen onto reflector assembly with legend in between if required and snap onto front operator **TAKING CARE TO LINE UP THE LOCATING SLOT WITH THE POLARISING DOT**, and not to damage the seal.

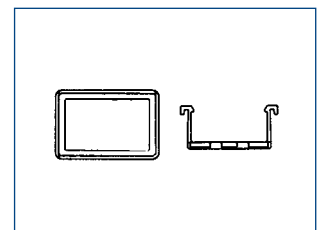
#### TO REMOVE BULB

Remove reflector/screen assembly. Use the bulb extractor 30-0002 to remove the bulb.

#### TO REMOVE SWITCH BLOCK

Lever out latches using small screwdriver taking care not to overbend, and pull off the block from the front of operator.

#### A02 Accessories



End cap terminal guard  
offering unique terminal protection.  
Part No. 14-0005



6.35mm Push on tab terminals  
Specify 'SP' to the end of the switchblock  
and operator part No.  
Example: A02503SP

**Dimensions:** First dimensions are in mm while inches are shown in bracketed numbers.

**Tolerance:** The general tolerance for dimensions in this catalogue is +/- 0,3 (.012).

Dimensions, specifications and data shown in this catalogue are subject to change without notice.