A01 series

Mushroom head pushbutton switches

Distinctive features and specifications

A01M_AX1607US

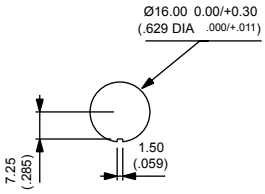


- Panel Sealed to IP65
- Single pole to four pole changeover
- Custom engraving
- Push on tab terminals
- 6A 250VAC

ELECTRICAL SPECIFICATIONS

- **Current/Voltage Rating :** 10mA 5VAC min, 6A 250VAC, 6Amp 12VDC
- **Initial Contact Resistance :** 10mΩ max at 1A 4VDC
- **Insulation Resistance :** 50MΩ min
- **Dielectric Strength :** 750V between open contacts, 5KV live to accessible
- **Electrical Life :** 50,000 cycles min
- **Contact Gap :** >1mm (0.039)
- **Insulation :** Class 2

PANEL CUT OUT



MECHANICAL SPECIFICATIONS

- **Mechanical Life (operator) :** Momentary, 1 million cycles, maintained 100,000 cycles
- **Terminals :** Solder/quick connect 2.8mm (0.110)

GENERAL SPECIFICATIONS

- **Operating Temperature :** -20°C to +55°C
- **Solder Heat Resistance :** 350°C for 5 seconds
- **Sealing :** Panel sealed to IP65, rear of panel IP40

AGENCY APPROVALS

MATERIALS

- **Screens :** PC
- **Reflector assembly :** PC
- **Operator :** PBT
- **Nut :** ABS
- **Camtrack Momentary :** PPE
- **Camtrack maintained :** PPSU
- **Switch block 1 & 2 pole :** PBT
- **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.

The company reserves the right to change specifications without notice.

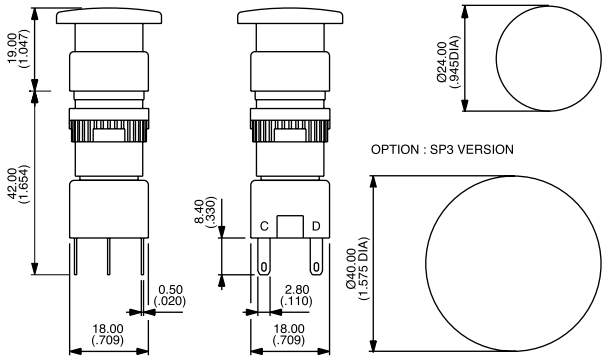
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Panel cut-out Ø16 (0.755)

Pushbutton





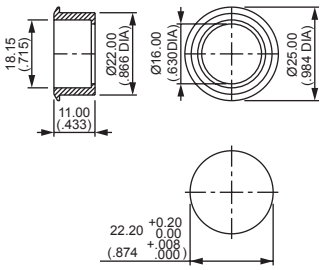
Overview

Operator			Switch block	
∅ Actuator	Description	Part No	No of poles	Part No
24mm	Black Momentary	**A01MMA**	Single pole	**A0151B**
24mm	Red Momentary	**A01MMB**	Double pole	**A0152B**
24mm	Yellow Momentary	**A01MMD**	Three pole	**A0155B**
24mm	Green Momentary	**A01MME**	Four pole	**A0153B**
24mm	Blue Momentary	**A01MMF**		
24mm	Black Maintained	**A01MXA**		
24mm	Red Maintained	**A01MXB**		
24mm	Yellow Maintained	**A01MXD**		
24mm	Green Maintained	**A01MXE**		
24mm	Blue Maintained	**A01MXF**		
40mm	Black Momentary	**A01MMA SP3**		
40mm	Red Momentary	**A01MMB SP3**		
40mm	Yellow Momentary	**A01MMD SP3**		
40mm	Green Momentary	**A01MME SP3**		
40mm	Blue Momentary	**A01MMF SP3**		
40mm	Black Maintained	**A01MXA SP3**		
40mm	Red Maintained	**A01MXB SP3**		
40mm	Yellow Maintained	**A01MXD SP3**		
40mm	Green Maintained	**A01MXE SP3**		
40mm	Blue Maintained	**A01MXF SP3**		

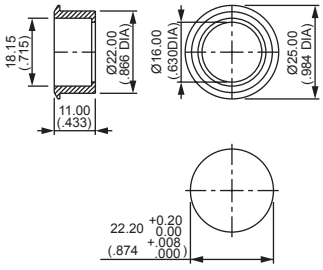
Flush mount bezels

Anodised aluminium/matt black





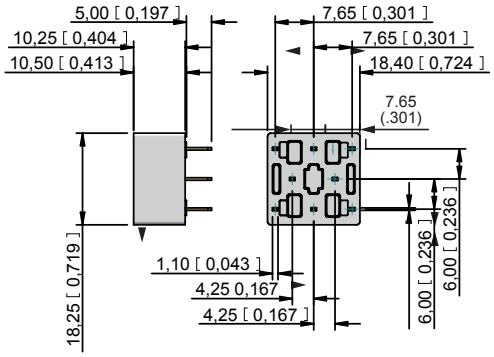
Round natural anodised : A01FMM



Round matt black : A01FMMG

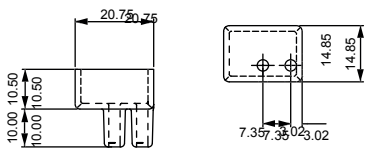
PCB Sockets

Number of Poles	Part No.
Single pole, non illuminated :	A01PC1
Double pole, non illuminated :	A01PC2
Single pole, illuminated :	A01PC3
Double pole, illuminated :	A01PC4
Indicator :	A01PC5



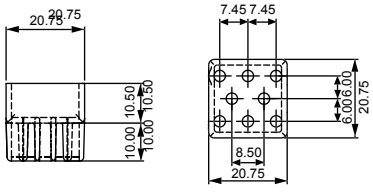
Terminal guards

Two way



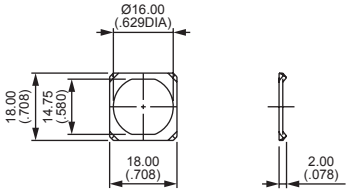
Part number A01RTC2

Eight way



Part number A01RTC8

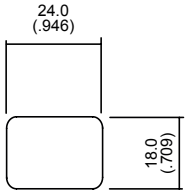
Anti rotation ring



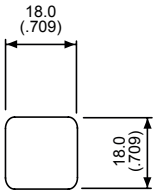
A01LW

Blanking plugs

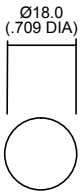




Rectangular : A0131



Square : A0132



Round : A0133

Tools

Nut fixing key



30-0001