

A03 series

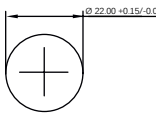
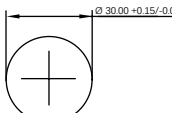
Pushbutton switches & indicators

Distinctive features and specifications

A03_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, 6A 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 • Lamp Life : LED, 60,000 hours to 75% relative luminosity filament, approx. 5000 hours neon, approx. 10,000 hours		PANEL CUT OUT  
MECHANICAL SPECIFICATIONS • Mechanical Life (operator) : Momentary, 1 million cycles, maintained 100,000 cycles • Lamp : Midget grove T1 ¾ filament, neon or LED • 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 or anodized alluminium • 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.



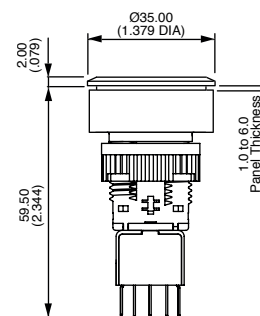
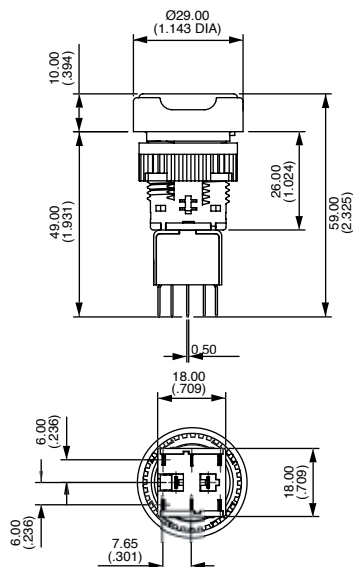
Mounting accessories : standard hardware 1 nut and 1 sealing washer.

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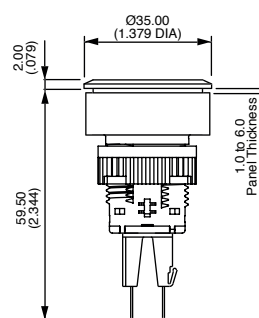
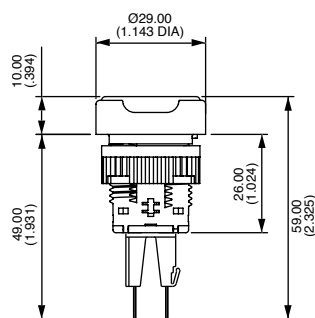
Pushbutton switches & indicators

Panel cut-out Ø22 (0.866) & Ø30 (1.81)

Pushbutton



Indicator



A03 series

Pushbutton switches & indicators

Overview

Pushbutton

Screen			+		Lamp (if required)		+		Operator		+		Switch block		
Bezel	Colour	Part No			Lamp	Voltage	Part No		Bezel	Description			Part No	No poles	Part No
○	black	A0263A			Filament	6.3V	A0141A		○	Plastic illum, momentary			A0307Y	Singlepole	A0151B
○	red	A0263B			Filament	14V	A0141B		○	Plastic illum, maintained			A0307X	Doublepole	A0152B
○	amber	A0263C			Filament	28V	A0141C		○	Plastic non-illum, momentary			A0309Y	Threepole	A0155B
○	yellow	A0263D			Filament	36V	A0141D		○	Plastic non-illum, maintained			A0309X	Fourpole	A0153B
○	green	A0263E			Filament	48V	A0141E		○	Metal illum, momentary			A0310Y		
○	blue	A0263F			Filament	60V	A0141F		○	Metal illum, maintained			A0310X		
○	clear	A0263G			Neon	110V	A0143G		○	Metal non-illum, momentary			A0312Y		
○	white	A0263J			Neon	220V	A0143H		○	Metal non-illum, maintained			A0312X		
					LED	6Vred	A0142L1		○	F/mount illum, momentary			A0314Y		
					LED	6Vgreen	A0142L2		○	F/mount illum, maintained			A0314X		
					LED	6Vamber	A0142L3		○	F/mount non-illum, momentary			A0315Y		
					LED	12Vred	A0142M1		○	F/mount non-illum, maintained			A0315X		
					LED	12Vgreen	A0142M2								
					LED	12Vamber	A0142M3								
					LED	12Vblue	A0142M4								
					LED	12Vwhite	A0142M5								
					LED	24Vred	A0142N1								
					LED	24Vgreen	A0142N2								
					LED	24Vamber	A0142N3								
					LED	24Vblue	A0142N4								
					LED	24Vwhite	A0142N5								
					LED	48Vred	A0142P1								
					LED	48Vgreen	A0142P2								
					LED	48Vamber	A0142P3								

Indicator

Screen			+		Lamp		+		Operator		+		Switch block		
Bezel	Colour	Part No			Lamp	Voltage	Part No		Bezel	Description			Part No	No poles	Part No
○	black	A0263A			Filament	6.3V	A0141A		○	Plastic indicator			A0375		
○	red	A0263B			Filament	14V	A0141B		○	Metal indicator			A0377		
○	amber	A0263C			Filament	28V	A0141C		○	F/mount indicator			A03791		
○	yellow	A0263D			Filament	36V	A0141D								
○	green	A0263E			Filament	48V	A0141E								
○	blue	A0263F			Filament	60V	A0141F								
○	clear	A0263G			Neon	110V	A0143G								
○	white	A0263J			Neon	220V	A0143H								
					LED	6Vred	A0142L1								
					LED	6Vgreen	A0142L2								
					LED	6Vamber	A0142L3								
					LED	12Vred	A0142M1								
					LED	12Vgreen	A0142M2								
					LED	12Vamber	A0142M3								
					LED	12Vblue	A0142M4								
					LED	12Vwhite	A0142M5								
					LED	24Vred	A0142N1								
					LED	24Vgreen	A0142N2								
					LED	24Vamber	A0142N3								
					LED	24Vblue	A0142N4								
					LED	24Vwhite	A0142N5								
					LED	48Vred	A0142P1								
					LED	48Vgreen	A0142P2								
					LED	48Vamber	A0142P3								

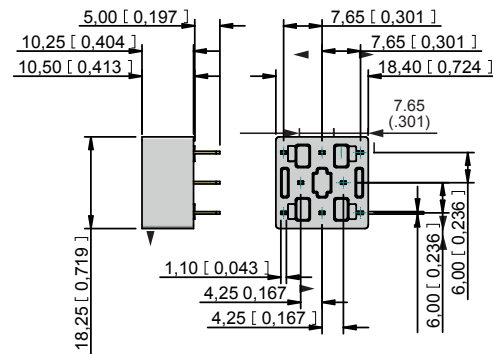
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Accessories

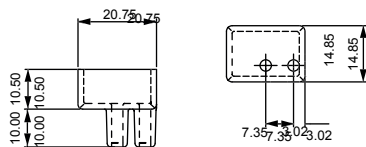
PCB Sockets

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



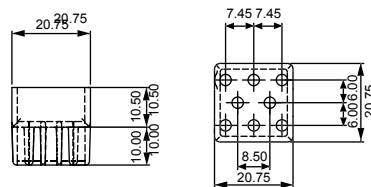
Terminal guards

Two way



Part number A01RTC2

Eight way



Part number A01RTC8

Tools

Nut fixing key



30-0001

Bulb remover



30-0002

Mouser Electronics

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[A0310Y](#)