

A01 series

Industrial controls • Ø16mm panel mounting
pushbutton switches and indicators



DISTINCTIVE FEATURES

- Single pole to four pole changeover
- Custom engraving or film legends options
- 6A 250VAC



ENVIRONMENTAL 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



ELECTRICAL SPECIFICATIONS

- Current/Voltage Rating : 10mA 5VAC min, 6A 250VAC max, 6A 12VDC max
- 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
- Insulation : Class 2
- Lamp Life : LED : 60.000 hours to 75% relative luminosity, Filament : approx. 5000 hours, Neon : approx. 10.000 hours



GENERAL SPECIFICATIONS

- Contact Gap : >1mm (0.039)
- Mechanical Life : Momentary 1 million cycles, Maintained 100.000 cycles
- Terminals : Solder/quick connect 2,8mm (0.110)

AGENCY APPROVALS

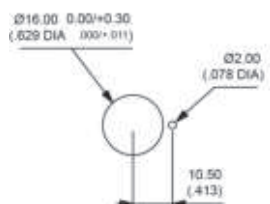
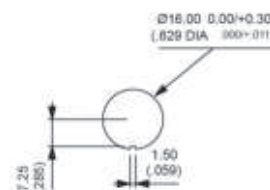


EN 61058-1

The company reserves the right to change specifications without notice.



PANEL CUT-OUT



MATERIALS

- Screen : PC
- Reflector : 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

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BUILD YOUR PART NUMBER

A pushbutton assembly requires : screen + lamp (if illuminated) + operator + switch block.
To order these elements, select desired model numbers from tables below. Example : IP65 rectangular
pushbutton, single pole, maintained, red screen and 12V red LED = A0161B, A0142M1, A0101X and A0151B.

SCREEN			LAMP (IF REQUIRED)		OPERATOR			
BEZEL	COLOR	PART NO	DESCRIPTION	PART NO	POLE	BEZEL	DESCRIPTION	PART NO
	black	A0161A	6V, red	A0142L1SP	1 or 2		Illum, momentary	A0101Y
	red	A0161B	6V, green	A0142L2SP	1 or 2		Illum, maintained	A0101X
	amber	A0161C	6V, amber	A0142L3SP	1 or 2		Non-illum, momentary	A0102Y
	yellow	A0161D	12V, red	A0142M1SP	1 or 2		Non-illum, maintained	A0102X
	green	A0161E	12V, green	A0142M2SP	3 or 4		Illum, momentary	A0103Y
	blue	A0161F	12V, amber	A0142M3SP	3 or 4		Illum, maintained	A0103X
	clear	A0161G	24V, red	A0142N1SP	3 or 4		Non-illum, momentary	A0104Y
	white	A0161J	24V, green	A0142N2SP	3 or 4		Non-illum, maintained	A0104X
	black	A0162A	24V, amber	A0142N3SP	1 or 2		Illum, momentary	A0105Y
	red	A0162B	48V, red	A0142P1SP	1 or 2		Illum, maintained	A0105X
	amber	A0162C	48V, green	A0142P2SP	1 or 2		Non-illum, momentary	A0106Y
	yellow	A0162D	48V, amber	A0142P3SP	1 or 2		Non-illum, maintained	A0106X
	green	A0162E			3 or 4		Illum, momentary	A0107Y
	blue	A0162F			3 or 4		Illum, maintained	A0107X
	clear	A0162G			3 or 4		Non-illum, momentary	A0108Y
	white	A0162J			3 or 4		Non-illum, maintained	A0108X
	black	A0163A			1 or 2		Illum, momentary	A0109Y
	red	A0163B			1 or 2		Illum, maintained	A0109X
	amber	A0163C			1 or 2		Non-illum, momentary	A0110Y
	yellow	A0163D			1 or 2		Non-illum, maintained	A0110X
	green	A0163E			3 or 4		Illum, momentary	A0111Y
	blue	A0163F			3 or 4		Illum, maintained	A0111X
	clear	A0163G			3 or 4		Non-illum, momentary	A0112Y
	white	A0163J			3 or 4		Non-illum, maintained	A0112X

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

SWITCH BLOCK	
NO OF POLES	PART NO
Single pole	A0151B
Double pole	A0152B
Three pole	A0155B
Four pole	A0153B

RED ILLUMINATED MAINTAINED PUSHBUTTON WITH ROUND BEZEL DOUBLE POLE CHANGEOVER

