




A01 - A02 SERIES

INDUSTRIAL CONTROLS

Specifications

ELECTRICAL SPECIFICATIONS

	A01/A1/A03	A02
• Function :	Momentary or maintained action	Momentary or maintained action
• Current/voltage rating :	10mA 5VAC min. 6A 250VAC max. 6A/12VDC max.	25mA 5VAC min. 12A 380VAC - 16A 250VAC max. 12A/12VDC max.
• Contact gap :	> 1mm (.039)	Double break 2 x 1,5mm (.059)
• Initial contact resistance :	10mΩ max. at 1A 4VDC	10mΩ max. at 1A 4VDC
• Insulation resistance :	50 MΩ min.	50 MΩ min.
• Dielectric strength :	750V between open contacts 5KV live to accessible	2KV between open contacts 4KV live to accessible
• Electrical life :	50.000 cycles min.	50.000 cycles min.
• Insulation :	Class 2	Class 2
• Lamp life :	LED : 60.000 h min. to 75% relative luminosity - Filament : approx. 5.000h Neon : approx. 10.000 h	LED : 60.000 h min. to 75% relative luminosity - Filament : approx. 5.000h Neon : approx. 10.000 h
• Lamp circuit diagrams		
		

GENERAL SPECIFICATIONS

	A01/A1/A03	A02
• Min. mechanical life :	Pushbutton momentary : 1 million cycles Pushbutton maintained : 100.000 cycles Keylock and rotary : 100.000 cycles	Pushbutton momentary : 1 million cycles Pushbutton maintained : 100.000 cycles Keylock and rotary : 100.000 cycles
• Operating temperature :	-20°C to +55°C	-20°C to +85°C
• Solder heat resistance : (IEC 68-2-20Tb, method 2)	350°C, 5 sec.	350°C, 5 sec.
• Degree of environmental protection (IEC 529)	IP 65 front of panel IP 40 back of panel	IP 65 front of panel IP 40 back of panel
• Lamps :	Midget Grooved T1 3/4 filament, multi-chip LED or neon	Midget Grooved T1 3/4 filament, multi-chip LED or neon Special multi-LED assembly
• Switch terminals :	Solder/quick-connect 2,8mm (.110)	M3 screws - wire 2 x 0,75mm 2 max.
• Lamp terminals :	Solder/quick-connect 2,8mm (.110)	M3 screws Flexible wire 2 x 2,5mm ² max. Rigid wire 4mm ² max

For screen engraving or film legends, consult factory. For approved models consult APEM.