

A1/A3 Series Datasheet

PRELIMINARY DATA SHEET



Electrical Specification

A01/A1/A03	
• Function :	Momentary or maintained action
• Current/voltage rating :	10mA 5VAC min. 6A 250VAC max. 6A/12VDC max.
• Contact gap :	> 1mm (.039)
• Initial contact resistance :	10mΩ max. at 1A 4VDC
• Insulation resistance :	50 MΩ 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 h min. to 75% relative luminosity - Filament : approx. 5.000h Neon : approx. 10.000 h
• Lamp circuit diagrams	

General Specification

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