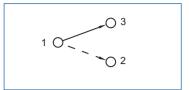
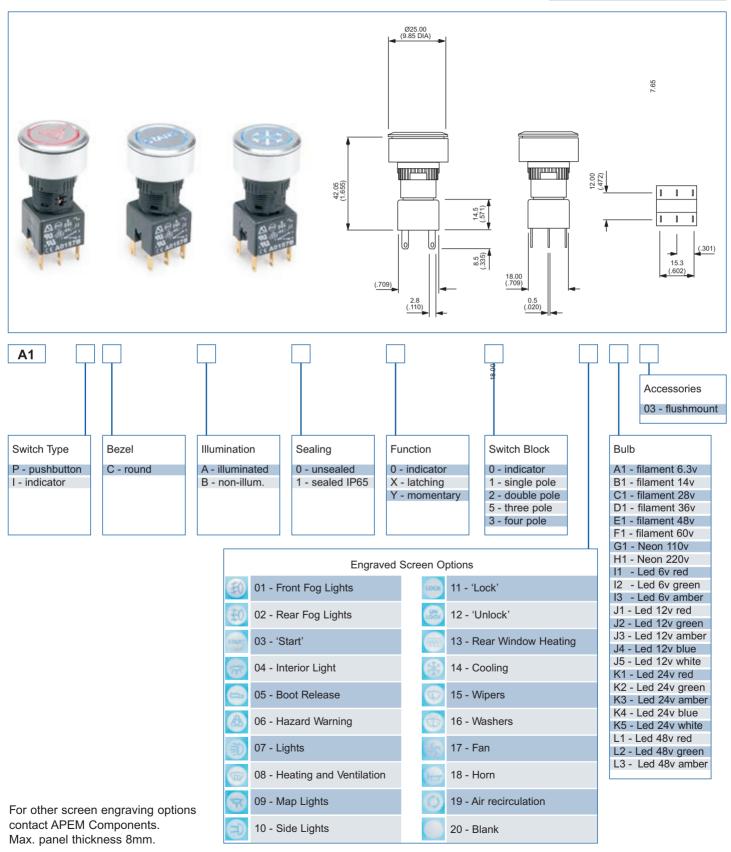
### A1 SERIES

## ENGRAVED ALUMINIUM FLUSH MOUNTING PUSHBUTTON SWITCHES & INDICATORS Panel cut-out Ø22

#### A pushbutton assembly requires:

Engraved screen + lamp (if illuminated) + operator + switch block + flush mount bezel To order these elements, select desired model numbers from the table below. **Example:** Pushbutton, round, illuminated, sealed to IP 65, latching, single pole with 'start' engraving, 24V blue LED and flush mounting bezel. A1PCA1X103K403.





# 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
	0-⊗-0
Lamp circuit diagrams	A B

### **General Specification**

	A01/A1/A03
Min. mechanical life :	Pushbutton momentary : 1 million cycles
	Pushbutton maintained : 100.000 cycles
	Keylock and rotary : 100.000 cycles
	2000
Operating temperature :	-20°C to +55°C
Solder heat resistance :	350°C, 5 sec.
(IEC 68-2-20Tb, method 2)	
Degree of environmental	IP 65 front of panel
protection (IEC 529)	IP 40 back of panel
<b>P</b>	
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)

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