

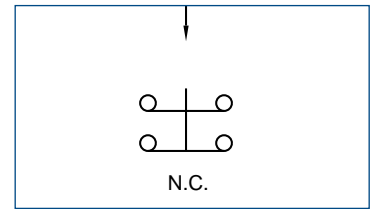
A01 SERIES

EMERGENCY STOP SWITCHES/MUSHROOM HEAD PUSHBUTTON SWITCHES Fitted in Enclosures

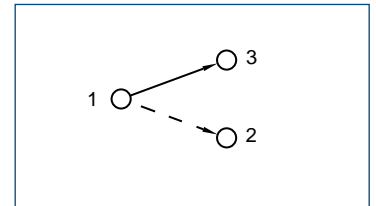
- Prominent Ø 40mm (1.575) dia. red mushroom actuator, twist to release
- Robust polycarbonate enclosures
- Highly reliable positive break switching on E-stop
- Sealed to IP65
- 6A current rating
- Knockouts for popular conduit sizes
- Double pole changeover switch blocks available for momentary/maintained mushroom head pushbuttons

Technical Specifications

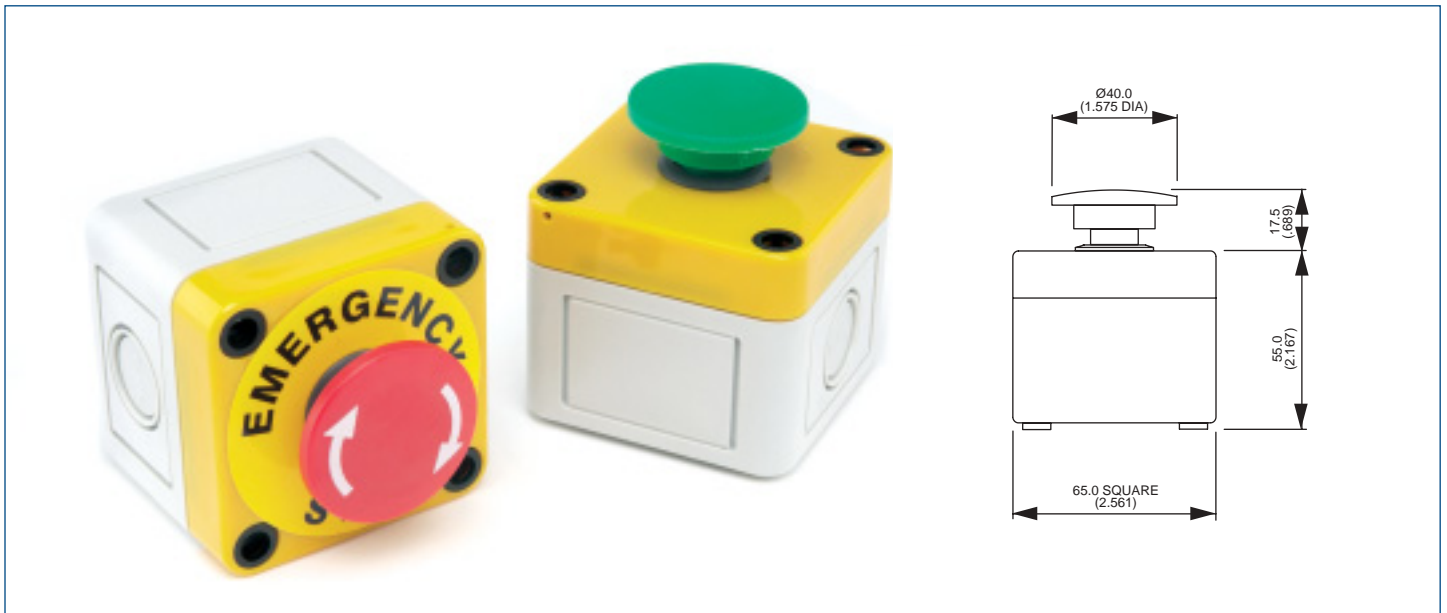
Contact Rating	: 6A 250 VAC/1.5A 250 VAC – E-Stop
Dimensions	: 65 x 65 x 57mm
Electrical Life	: 50,000 cycles/6050 cycles – E-Stop
Operating Temperature	: -20°C – +55°C



Emergency Stop



Momentary and Maintained



Description	Part No
Emergency Stop	A01ESSP354B + PEA01
Black Momentary	A01MMASP352B + PEA01
Red Momentary	A01MMBSP352B + PEA01
Yellow Momentary	A01MMDSP352B + PEA01
Green Momentary	A01MMESP352B + PEA01
Blue Momentary	A01MMFSP352B + PEA01
Black Maintained	A01MXASP352B + PEA01
Red Maintained	A01MXBSP352B + PEA01
Yellow Maintained	A01MXDSP352B + PEA01
Green Maintained	A01MXESP352B + PEA01
Blue Maintained	A01MXFSP352B + PEA01
Options	
12A 250V versions or custom printing on mushroom head actuators please contact APEM Components.	

A01 - A02 SERIES

INDUSTRIAL CONTROLS

Specifications

ELECTRICAL SPECIFICATIONS

	A01	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	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.

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