A1 series

Pushbutton switches & indicators

Distinctive features and specifications

A1_AX1609US

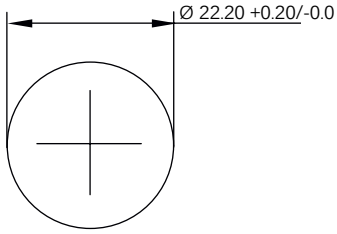


- ❑ Panel Sealed to IP65
- ❑ Single pole to four pole changeover
- ❑ Custom chemically etched actuator
- ❑ Push on tab terminals
- ❑ 6A 250VAC

ELECTRICAL SPECIFICATIONS

- **Current/Voltage Rating :** 10mA 5VAC min, 6A 250VAC, 6A 12VDC
- **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
- **Contact Gap :** >1mm (0.039)
- **Insulation :** Class 2
- **Lamp Life :** LED, 60,000 hours to 75% relative luminosity filament, approx. 5000 hours neon, approx. 10,000 hours

PANEL CUT OUT



MECHANICAL SPECIFICATIONS

- **Mechanical Life (operator):** Momentary, 1 million cycles, maintained 100,000 cycles
- **Lamp :** Midget grove T1 ¾ filament, neon or LED
- **Terminals :** Solder/quick connect 2.8mm (0.110)

GENERAL 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

AGENCY APPROVALS

MATERIALS

- **Screens :** Anodised aluminium
- **Reflector Assembly :** Polycarbonate
- **Operator :** PBT
- **Bezel :** Anodised aluminium
- **Nut :** ABS
- **Camtrack Momentary :** PPE
- **Camtrack Maintained :** PPSU
- **Switch Block 1 & 2 Pole :** PBT
- **Switch Block 3 & 4 Pole :** PEI
- **Contacts :** Gold plated silver

Dimensions : first dimensions are in mm while inches are shown in brackets.
Refer to the following pages for further information.

Mounting accessories : standard hardware 1 nut and 1 sealing washer.

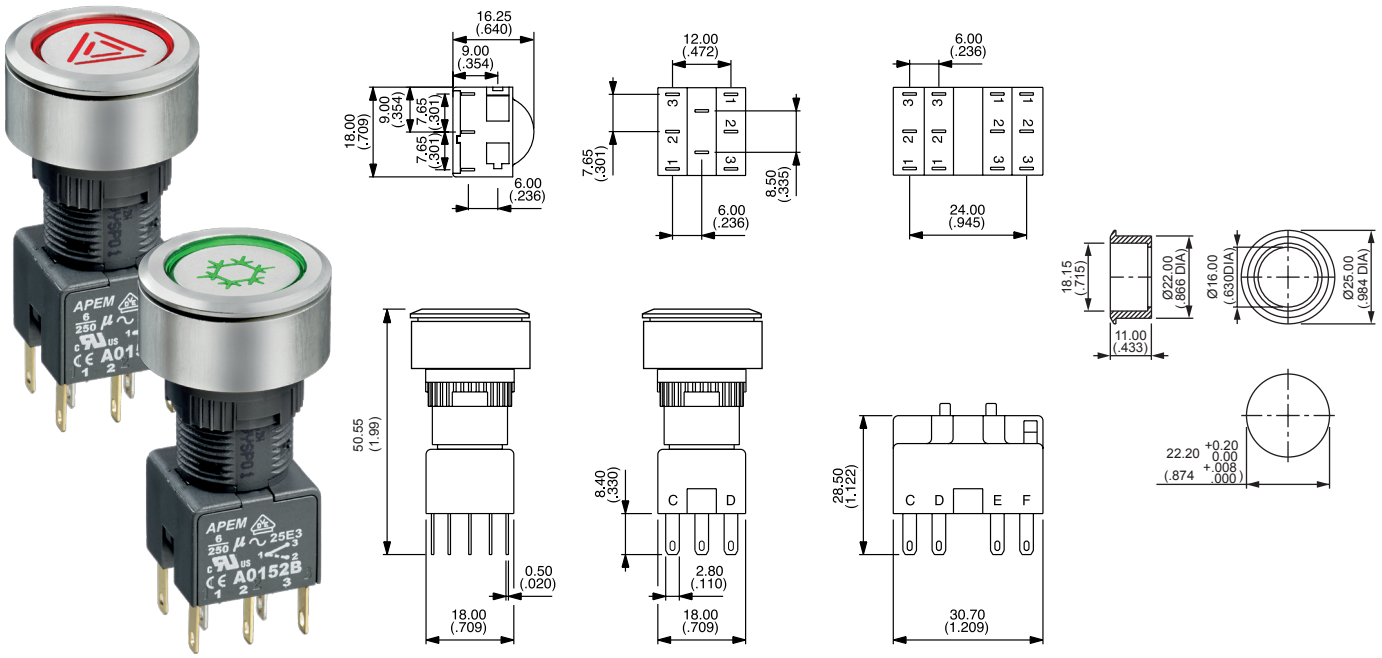
The company reserves the right to change specifications without notice.

A1 series

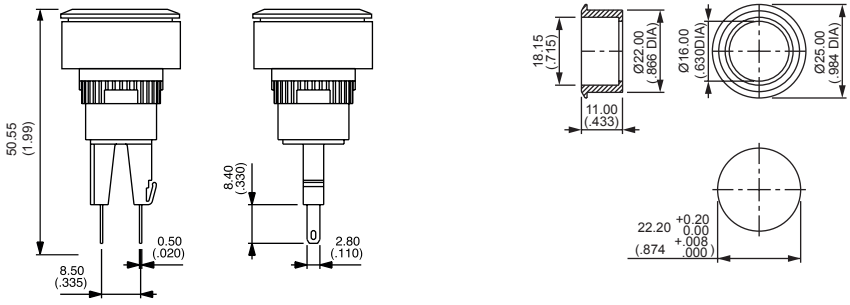
Pushbutton switches & indicators

Panel cut-out Ø22 (0.866)

Pushbutton



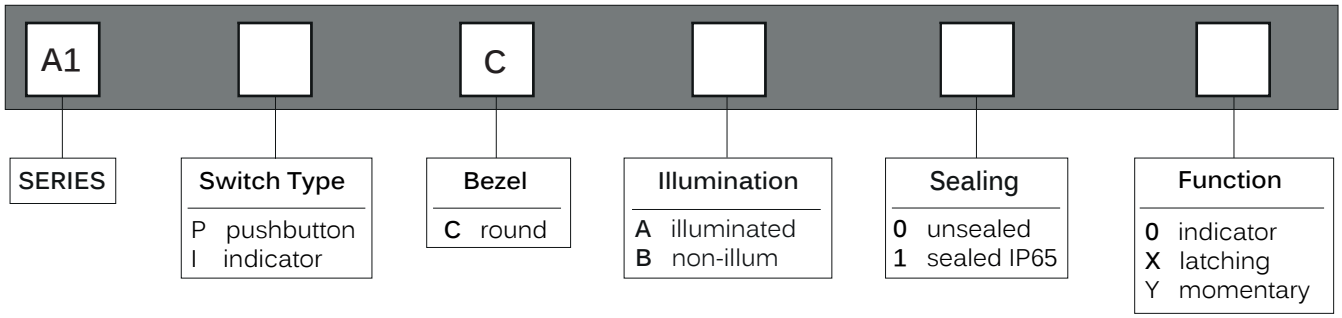
Indicator



A1 series

Pushbutton switches & indicators

Overview



SERIES

Switch Type

P	pushbutton
I	indicator

Bezel

C	round

Illumination

A	illuminated
B	non-illum

Sealing

0	unsealed
1	sealed IP65

Function

0	indicator
X	latching
Y	momentary



Switch Block

0	indicator
1	single pole
2	double pole
5	three pole
3	four pole

Screen option

01	front fog lights
02	rear fog lights
03	start
04	interior light
05	boot release
06	hazard warning
07	full beam lights
08	heating and ventilation
09	map lights
10	side lights
11	lock
12	unlock
13	rear window heating
14	cooling
15	wipers
16	washers
17	fan
18	horn
19	air recirculation
20	blank

Bulb

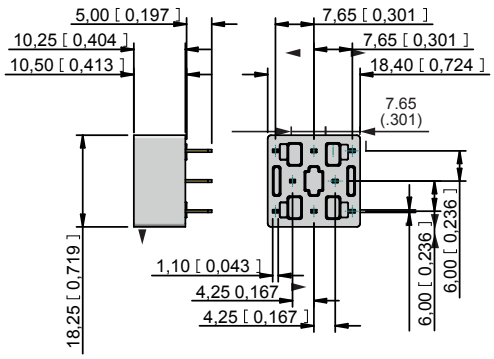
A1	filament 6.3VDC
B1	filament 14VDC
C1	filament 28VDC
D1	filament 36VDC
E1	filament 48VDC
F1	filament 60VDC
G1	Neon 110VAC
H1	Neon 220VAC
I1	LED 6VDC red
I2	LED 6VDC green
I3	LED 6VDC amber
J1	LED 12VDC red
J2	LED 12VDC green
J3	LED 12VDC amber
J4	LED 12VDC blue
J5	LED 12VDC white
K1	LED 24VDC Red
K2	LED 24VDC green
K3	LED 24VDC amber
K4	LED 24VDC blue
K5	LED 24VDC white
L1	LED 48VDC Red
L2	LED 48VDC green
L3	LED 48VDC amber

Accessories

03	flushmount

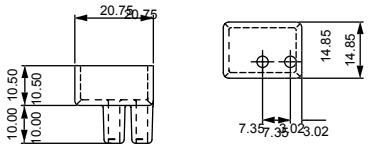
PCB Sockets

Number of Poles	Part No.
Single pole, non illuminated :	A01PC1
Double pole, non illuminated :	A01PC2
Single pole, illuminated :	A01PC3
Double pole, illuminated :	A01PC4
Indicator :	A01PC5



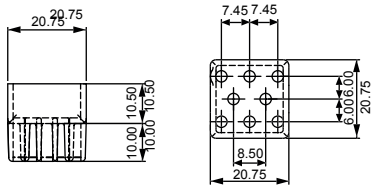
Terminal guards

Two way



Part number A01RTC2

Eight way



Part number A01RTC8

Tools

Nut fixing key



30-0001

Bulb remover



30-0002

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Apem:

A0141A A01FM1 A01YL1 A0152B A0150B A0151B A0154B A0155B A0153B A0143G A0141C A0171 A01ES A02503 A0162B A0162J A0162F A0162C A0162E A0101X A0263B A0244J1 A0142N1 A0142N5 A0142M1 A01PEESSP34L A0210X A0211X A0161E A0161B A01ESSP3 A018323 A1PCA1Y220J403 A01FM2 A0102X A0102Y A0104Y A0106X A0106Y A0107X A0107Y A0108X A0108Y A0109Y A0111X A0111Y A0112X A0112Y A0141B A0141D A0141E A0141F A0142L1 A0142L2 A0142L3 A0142M2 A0142M3 A0142M4 A0142M5 A0142N3 A0142N4 A0142P1 A0142P2 A0143H A0161A A0161C A0161D A0161F A0161G A0161J A0162A A0162D A0162G A0163A A0163B A0163C A0163D A0163E A0163F A0163G A0163J A0173 A018107 A019105 A019205 A019301 A019306 A019501 A019505 A019506 A019508 A019601 A019605 A019606 A01FG1 A01FG2 A01FM A01FMM A01FMMG A01LW