

New!

AV SERIES SECURITY PUSHBUTTON SWITCHES

SPECIFICATIONS

Contact ratings: Max. resistive loads: 2 A 250 VAC,
3 A 125 VAC & 2.5 A 24 VDC
Initial contact resistance: 10 milliohms max. at 1 A, 2 V
Insulation resistance: 1000 megohms min. at 500 VDC
Dielectric strength: 2000 V rms min. between terms. &
frame. 2000 V rms min. between terminals
Electrical life: 100,000 cycles at 0.3 A 24 V
Mechanical life: 1,000,000 cycles min.
Operating temperature range: -20°C to +55°C
Solder heat resistance: 300°C max. for 5 seconds
Washing not recommended

FEATURES

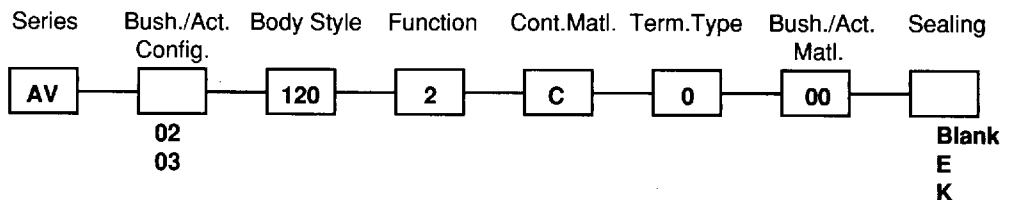
- .866" (22 mm) dia. models.
- Single pole NC momentary action.
- Standard models provide protection per IP54.
- Optional sealing options provide protection to IP65.
- Extremely rugged and durable.

MATERIALS

Contacts & terminals: Silver plated brass
Bushing & Actuator: Nickel plated brass (std'd)
Case: PBT **Hex. Mounting Nut:** Nickel plated brass

ORDER FORMAT: For complete model no., fill in 2 empty boxes with selected options shown below. Example of complete model no. -

AV021202C000

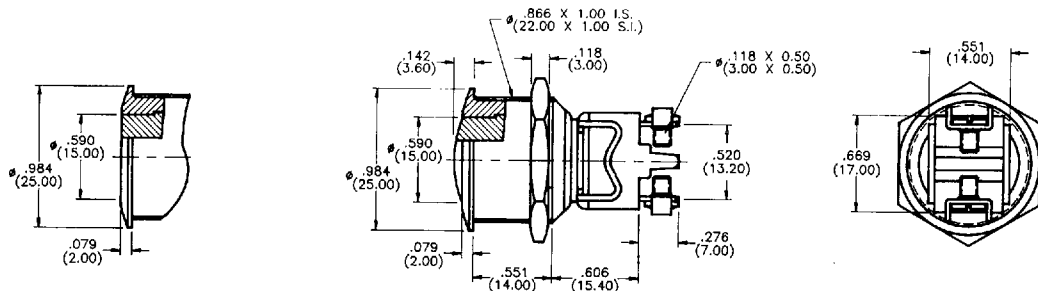


Other Bushing/Actuator materials available - flat thermoplastic Actuators available - Actuator marking available - consult factory.

22mm

Bushing/Actuator configurations

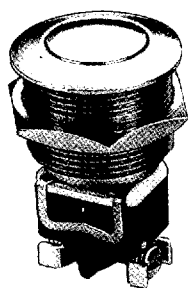
Straight screw terminals w/clamp



03 flat Act. & curved Bush.

02 curved Act. & Bush.

Rear view all models

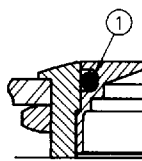


AV021202C000
(Model shown)

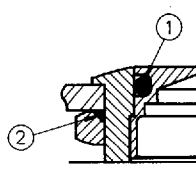


Schematic

Blank - no sealing (std'd)



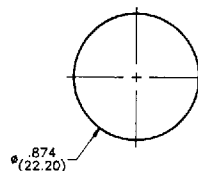
E - ① Internal seal meets IP65



K - ① Internal seal & ② front panel seals meet IP65

Sealing

Min. dimensions for matrix mounting: 1.181" (30mm) x 1.181" (30mm).



Mounting Hole

Note: Models on this page are VDE recognized and marked.

Mouser Electronics

Authorized Distributor

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[Apem:](#)

[AV021202C000](#) [AV021202C000K](#) [AV031202C000](#) [AV031202C000K](#)