# **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**

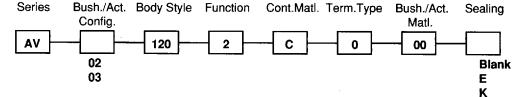
Contacts & terminals: Silver plated brass

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



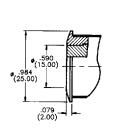
Other Bushing/Actuator materials available - flat thermoplastic Actuators available - Actuator marking available - consult factory.

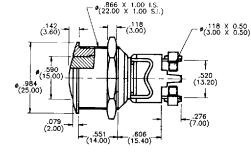
#### **22mm**

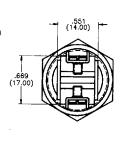
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

## **Bushing/Actuator configurations**

## Straight screw terminals w/clamp



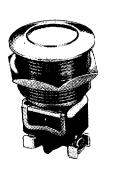




03 flat Act. & curved Bush.

02 curved Act.& Bush.

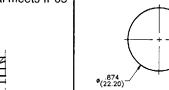
Rear view all models



#### Blank - no sealing (std'd)



E - (1)Internal seal meets IP65

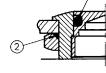


Note: Models on this page are VDE recognized and marked.

AV021202C000 (Model shown)

oto

**Schematic** 



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

Sealing



**Mounting Hole** 

Min. dimensions for matrix

mounting: 1.181" (30mm) x

1.181" (30mm).

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67021K512 67081K512X 701PB580 7199K101 810K12910 810KSV30B MML21EA2ADK MML21KA3ABK MML23KA3AC05K-001
MML23KW3AA01W 8418K2 8442K2 8442K3 8450K1 860K11911T01A 861901 861K11911T01A07 861K13810T00A14 861K13911
8646AB6X718UL 8646ABUL 9001KXRK 907AYY100 PMHD155A1 9533CD4+U574+U4922 95-414.000 99-450.837 99-453.837
PV3H2B0NN-341 1203MRA A22NZBGANGA A22NZBMMNGA A22NZBNANGA A22NZMPATRA A2PMA1X03EC56 A3A-5123-02
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