## SWAVISTACT, 1987

## **AV** series

Tactile security pushbutton switches • Ø 19 mm • momentary (NO)



#### **DISTINCTIVE FEATURES**

Tactile feedback
Illuminated or non-illuminated
Momentary (NO)
Marking available





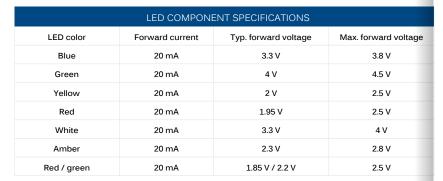
#### **ENVIRONMENTAL SPECIFICATIONS**

- Optional front panel sealing: IP65 according to IEC 60529
- Operating temperature : -30 °C to +70 °C (-22 °F to +158 °F)



#### **ELECTRICAL SPECIFICATIONS**

- Max. current/voltage rating with resistive load : 50 mA 24 VDC
- Initial contact resistance : 100 m $\Omega$  max.
- Insulation resistance : 1,000 M $\Omega$  min. at 500 VDC
- Dielectric strength: 500 Vrms 50 Hz min. between terminals 2,000 Vrms 50 Hz min. between terminals and frame
- Electrical life: 1,000,000 cycles at full load



A resistor must be series-connected by the user Resistor value = supply voltage - LED forward voltage

LED forward current

The company reserves the right to change specifications without notice.



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#### **GENERAL SPECIFICATIONS**

- Travel: 0.7 mm (.027) ± 0.1 mm (.003)
- Operating force : 7 N ± 2N
- Torque: 1.5 Nm min. 4 Nm max. applied to nut
- Panel thickness: 1 (.039) to 6 mm (.236) max.
- Hand soldering: 270 °C, 3 seconds max.



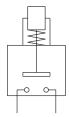
#### **MATERIALS**

- Case: PBT UL94-V0
- Terminals : brass, gold plated
- Contacts: gold plated dome
- Bushing and actuator : see following pages
- LED

APEM products may be recycled at end-of-life for the re-claiming of valuable metal components.



#### **ELECTRICAL FUNCTIONS**



Function 3 (NO)



#### **MOUNTING**

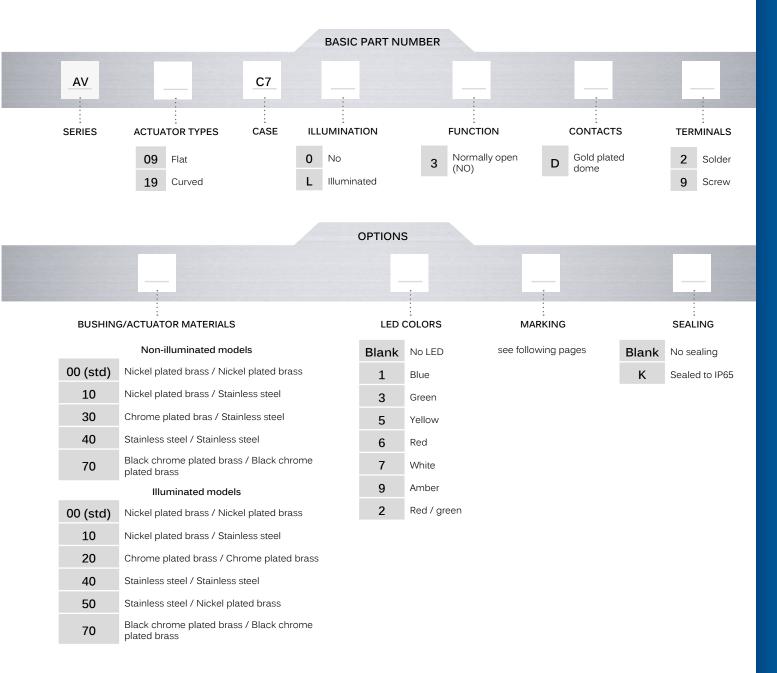
- Panel cut-out : Ø 19.2 mm (.755)
- Min. pitch for matrix mounting: 30 mm x 30 mm (1.181x1.181)

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#### **BUILD YOUR PART NUMBER**





#### **ABOUT THIS SERIES**

On the following pages, you will find successively basic part numbers of switches and options in the same order as in above chart.

- () Notice: please note that not all combinations of above numbers are available. Refer to the following pages for further information.
- Mounting accessories: standard hardware supplied: 1 hex nut. Standard and special hardware is presented in the "Hardware" section of website.

## Y D E V

BASIC P/N

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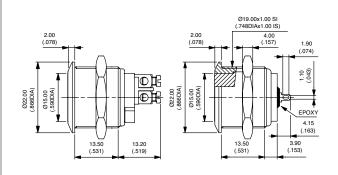
#### FLAT ACTUATOR - NON ILLUMINATED

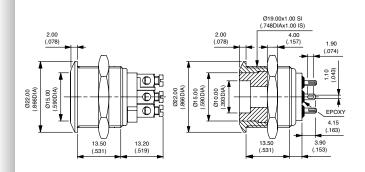


#### FLAT ACTUATOR - ILLUMINATED



Hex nut 22 (.866) across flats





#### BUSHING/ACTUATOR MATERIALS

BASIC P/N

#### NON-ILLUMINATED MODELS

CODE	BUSHING	ACTUATOR
00 (std)	Nickel plated brass	Nickel plated brass
10	Nickel plated brass	Stainless steel
30	Chrome plated brass	Stainless steel
40	Stainless steel	Stainless steel
70	Black chrome plated brass	Black chrome plated brass

#### ILLUMINATED MODELS

CODE	BUSHING	ACTUATOR
00 (std)	Nickel plated brass	Nickel plated brass
10	Nickel plated brass	Stainless steel
20	Chrome plated brass	Chrome plated brass
40	Stainless steel	Stainless steel
50	Stainless steel	Nickel plated brass
70	Black chrome plated brass	Black chrome plated brass

#### LED COLORS

Blank No LED 6 Red Blue 7 White 1 3 Green 9 Amber 5 Yellow 2 Red/green

# **>**

#### **AV** series

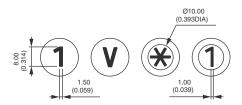
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#### MARKING

#### BASIC P/N

#### For flat or curved actuator.

- by laser etching on non-illuminated brass or stainless steel actuator.
- by hot stamping on thermoplastic insert (illuminated actuators)



Select an option from each of the two paragraphs opposite (Type /Color).

#### TYPE OF MARKING

Letter O: same code and same design as number 0. For special symbols, consult factory. Minimum order: 500 pieces

#### COLOR OF MARKING

#### Non-illuminated actuators:

0 (std) Same as finish

2 Black

Note: a finished product supplied in version "0" cannot be modified to version «2».

#### Illuminated actuators

2 Black (on white)

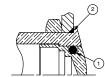
#### SEALING

BASIC P/N

Blank No sealing

K Front panel sealing to IP65

#### OPTION K



- 1 internal gasket
- 2 external gasket

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Click to view similar products for Pushbutton Switches category:

Click to view products by Apem manufacturer:

Other Similar products are found below:

8940K2012 LW1L-M1C10V-A LW1L-M1C70-A LW2L-A1C20M-GD LW2L-M1C20M-A 60324L M22-D-R-GB0/K11 M7E-HRN2
67021K512 67081K512X 701PB580 7199K101 810K12910 810KSV30B MML21EA2ADK MML21KA3ABK MML23KA3AC05K-001
MML23KW3AA01W 8418K2 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
A3A-7140 A3A-7310 A3A-7340 A3U-TMW-A2C-5M A595 12037A2ULCSA ABD122N-B