

## AVH Series –Anti-Vandal High Current Pushbutton Switches

### Applications

- Machinery.
- Automotive Electronics.
- Strict Access Control Systems.
- Shipping Equipment.
- Medical Equipment.
- Horticulture.
- Bath Accessories.



The AVH Series addresses high current applications. These high-quality Anti-Vandal switches are available in 19mm, 22mm and 25mm diameter bushings for a wide range of possible applications. In addition, AVH Series provide more options for operating, LED light types, light colors and LED voltages to fulfill the variety requirements.

The AVH Switches are characterised by contact rating of 16A, 26A/ 125, 250VAC.

Reference TE Customer Drawing for application instructions.

### Features

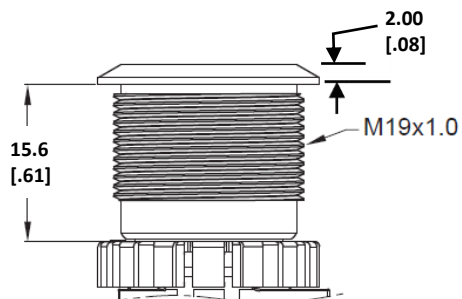
- High current, 16A & 26A are available.
- Flat Button Type.
- Momentary and Locking Actuation Available.
- Independent LED Control (7 color options).
- Bushing sizes, 19, 22 & 25mm are available.
- UL Recognized.

### AVH Series – Type Classification

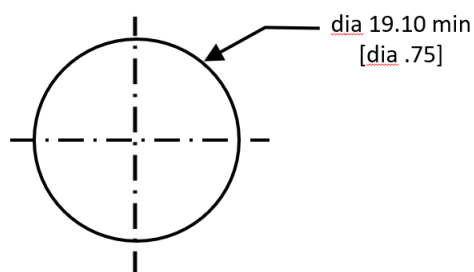
| Type                  | AVH19                                                  | AVH22 | AVH25 |
|-----------------------|--------------------------------------------------------|-------|-------|
| Bushing Size          | 19mm                                                   | 22mm  | 25mm  |
| Actuation             | Momentary / Locking                                    |       |       |
| Rating                | 16A, 26A/ 125, 250VAC                                  |       |       |
| Contact Resistance    | 50mΩ Max.                                              |       |       |
| Operation Temperature | -25°C to 85°C                                          |       |       |
| Mechanical Life       | 1,000,000 cycles, Momentary<br>500,000 cycles, Locking |       |       |
| Electrical Life       | 50,000 cycles, 16A<br>10,000 cycles, 26A               |       |       |
| Sealing               | Silicone                                               |       |       |
| Operation Force       | 3.5±1.5N                                               |       |       |
| Travel                | 3.2mm                                                  |       |       |
| Ingress Protection    | IP67, IK08                                             |       |       |
| Pollution Degree      | 2, Marco and Micro                                     |       |       |

## Bushings Types:

19mm

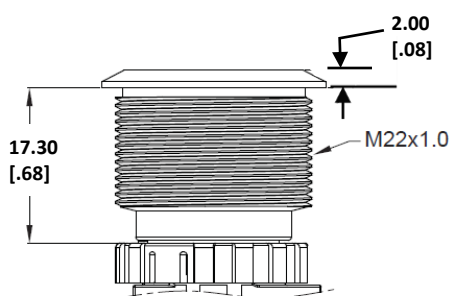


Panel Cut-out

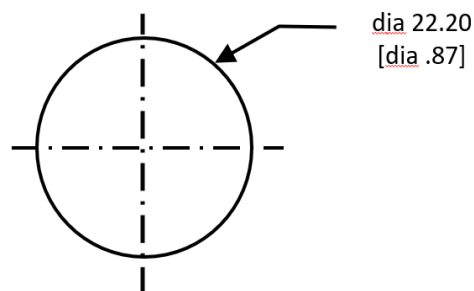


Panel Thickness: 10.0mm [0.39] Maximum.

22mm

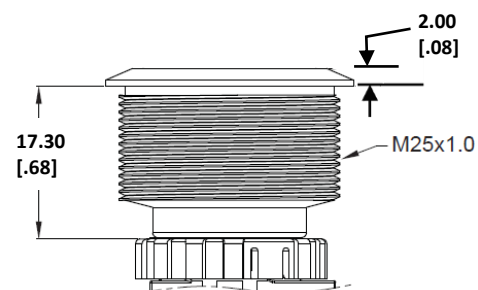


Panel Cut-out

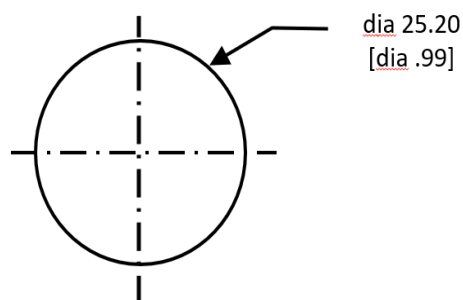


Panel Thickness: 10.0mm [0.39] Maximum.

25mm



Panel Cut-out

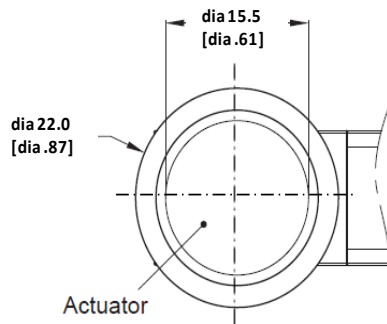


Panel Thickness: 10.0mm [0.39] Maximum.

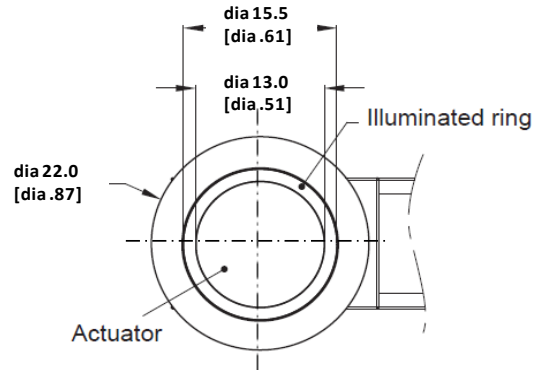
## LED Light Types:

19mm

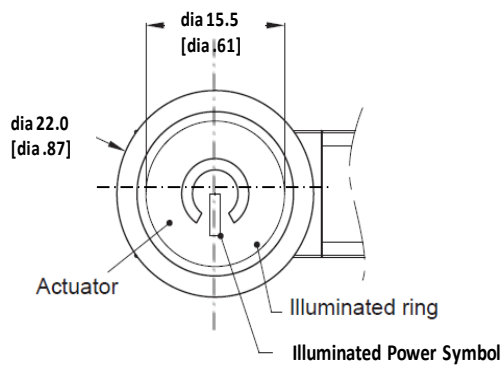
**“O”** Without LED



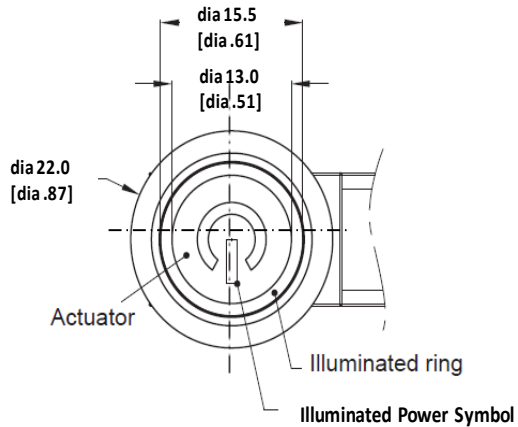
**“R”** Ring, moving



**“P”** Power Symbol

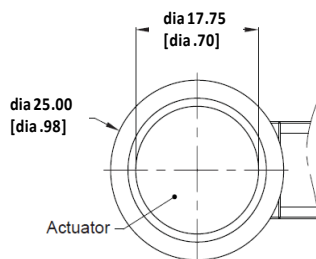


**“E1”** Ring + Power Symbol

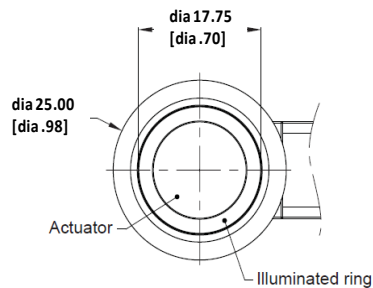


22mm

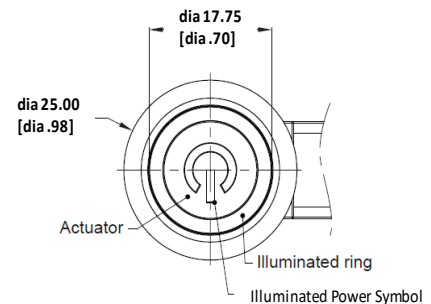
**“O”** Without LED



**“R”** Ring

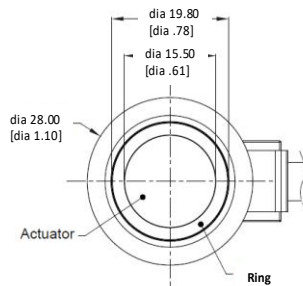


**“P”** Power Symbol

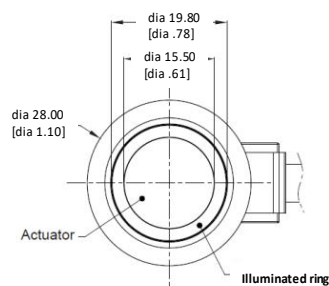


25mm

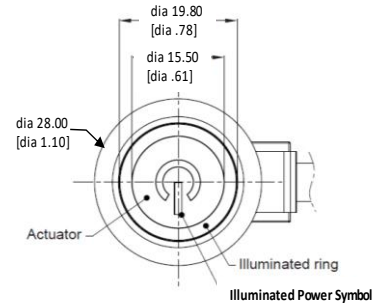
**“O”** Without LED



**“R”** Ring

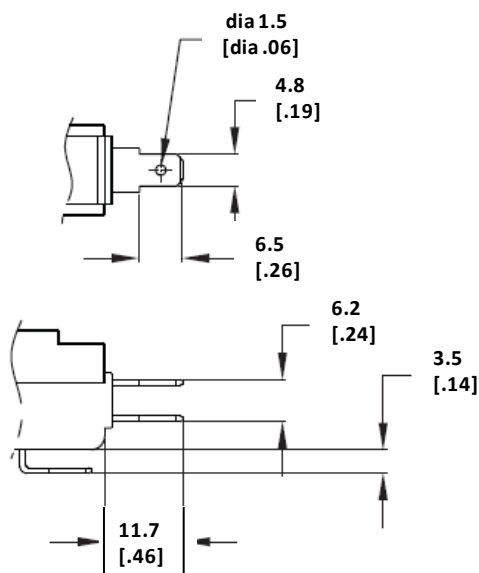


**“P”** Power Symbol

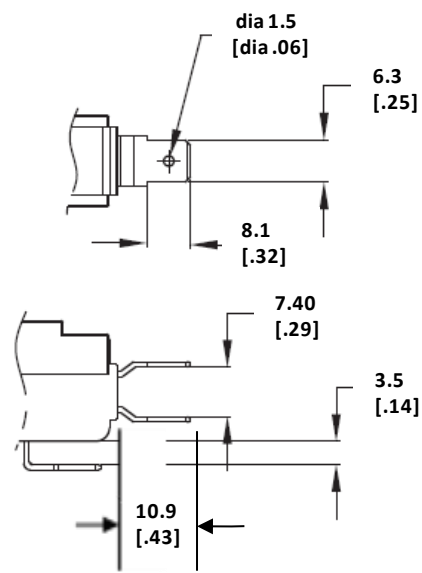


## Terminal Types:

**“16”** #187 terminal, 16A



**“26”** #250 terminal, 26A



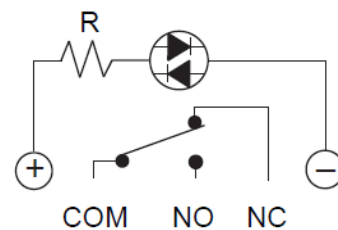
## Circuit Types:

No LED



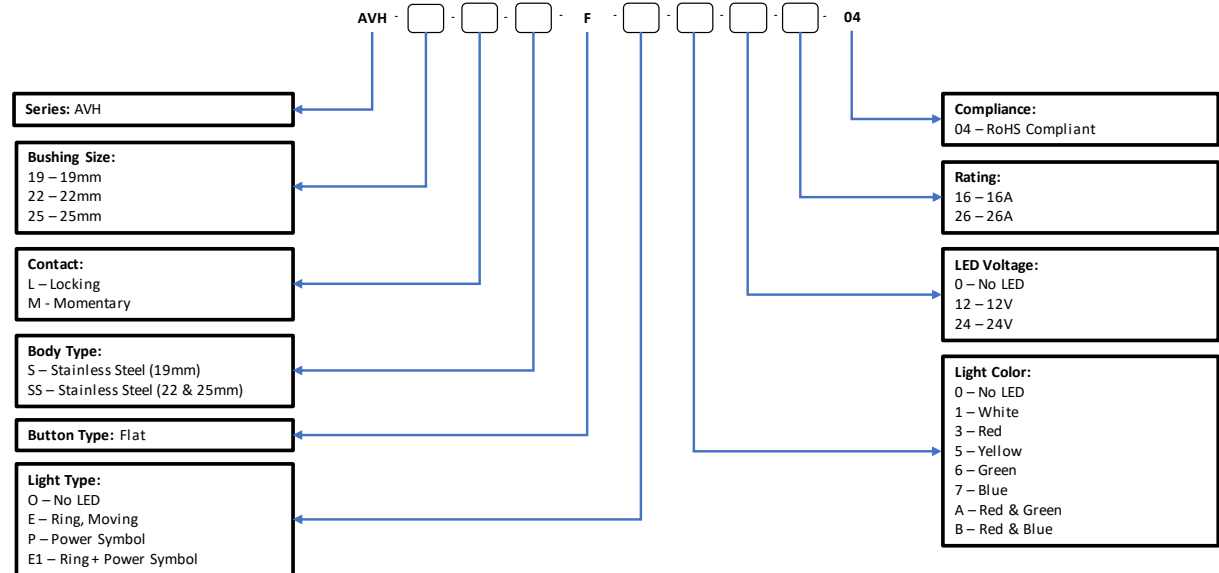
Position 1

LED



Position 1

## Part numbering – How to order



**-Example PN:** AVH19MSFE3122604

# Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[AVH19MSFE17121604](#)