

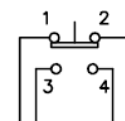
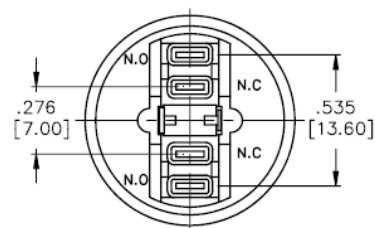
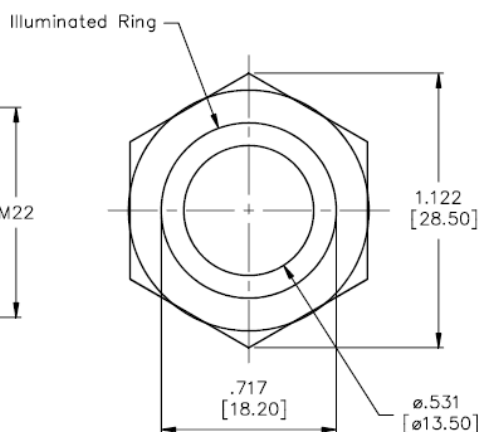
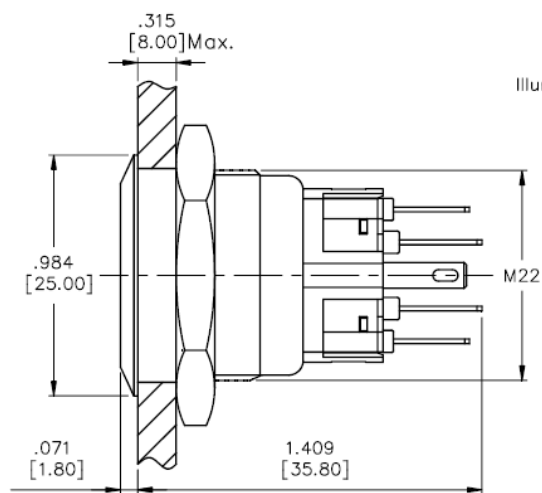


## Product Datasheet

ENGLISH

# Anti-Vandal Switch

## Switch Pushbutton Stainless Latching



CONTACT CONFIGURATION





**Package Contain:**

- 1 x Anti-Vandal Switch
- 1 x Hex Nuts
- 1 x O-Ring

**Specification:**

|                                   |                                   |   |
|-----------------------------------|-----------------------------------|---|
| <b>SWITCH TYPE:</b>               |                                   | <b>8118522</b>  |
| <b>POLES/THROWS:</b>              |                                   | <b>SPDT</b>   |
| <b>SWITCH FUNCTIONS:</b>          |                                   | <b>Illuminated, ON-ON</b>   |
| <b>ELECTRICAL CHARACTERISTICS</b> | <b>CONTACT RATING:</b>            | <b>MAX. 5Amps @ 250VAC</b>  |
|                                   | <b>ELECTRICAL LIFE:</b>           | <b>50,000 make-and-break cycles at full load</b>  |
|                                   | <b>CONTACT RESISTANCE:</b>        | <b>50m-ohms max. initial @ 2-4VDC, 100mA</b>  |
|                                   | <b>INSULATION RESISTANCE:</b>     | <b>Apply 500VDC for 1min±5sec. After which measurement to be made b/w terminals shall result 1000M-ohms min.</b>  |
|                                   | <b>DIELECTRICAL STRENGTH:</b>     | <b>2,000VAC (50Hz-60Hz) RMS @ sea level shall result no damage to parts arcing or flashover</b>   |
|                                   | <b>OPERATING TEMPERATURE:</b>     | <b>-20Celsius degree to +55Celsius degree</b>   |
| <b>RELIABILITY PERFORMANCE</b>    | <b>MECHANICAL LIFE:</b>           | <b>Without load, 50,000cycles min.</b>  |
|                                   | <b>OPERATING FORCE:</b>           | <b>4N max.</b>  |
|                                   | <b>TORQUE:</b>                    | <b>5~14Nm max. applied to nut</b>   |
|                                   | <b>IP PROTECTION CLASS:</b>       | <b>Front panel protection to IP67</b>   |
|                                   | <b>SOLDERING HEAT RESISTANCE:</b> | <b>Max soldering temperature @ 260Celsius degree, immersion time 5+/-1sec, frequency of soldering process @ 2 times max.</b>                                |
|                                   | <b>COLD TEST:</b>                 | <b>Stored at temperature -20(+/-3)Celsius degree for 48 hours, shall result no changes to switch's electrical performance</b>                               |
|                                   | <b>HOT TEST:</b>                  | <b>Stored at temperature +55(+/-3)Celsius degree for 48 hours, shall result no changes to switch's electrical performance</b>                               |
|                                   | <b>HUMIDITY TEST:</b>             | <b>Stored at temperature 40(+/-3)Celsius degree with relative humidity 90%~95% for 48 hours, shall result no changes to switch's electrical performance</b> |
|                                   | <b>TORQUE:</b>                    | <b>5~14Nm max. applied to nut</b>   |
|                                   | <b>OPERATING FORCE:</b>           | <b>4N max.</b>  |



|  |                               |  |
|--|-------------------------------|--|
| <b>MATERIAL CHARACTERISTICS</b>                | <b>BUTTON:</b>                |  |
|  | <b>BUSHING:</b>               | <b>B12 : Stain less steel with varnished polished</b>  |
|  | <b>BASE:</b>                  | <b>PBT</b>   |
|  | <b>PLUNGER:</b>               | <b>POM</b>   |
|  | <b>SPRING:</b>                | <b>Steel wire</b>  |
|  | <b>CONTACT:</b>               | <b>Copper alloy, silver plated</b>   |
|  | <b>TERMINALS:</b>             | <b>Brass, silver plated</b>  |
|  | <b>HARDWARE:</b>              | <b>Nut (Brass, nickel plated)</b>  |
|  | <b>LED:</b>                   | <b>Yellow, (AC/DC Compatible)<br/>Voltage &amp; Rating: 230V @ 3mA</b>   |
| <b>SOLDERING &amp; CLEANING RECOMMENDATION</b> | <b>HAND SOLDERING:</b>        | <b>Max. temperature @ 320Celsius degree (662F)with continuous soldering time @ 2sec. max.</b>  |
|  | <b>CLEANING PROCESS:</b>      | <b>Noted, the switch is "not totally sealed" so it is important not to immerse/spray or clean unsealed areas of the switch during flux removal. Improper cleaning could cause switch deficiencies such as intermittence or open contact failures</b> |
| <b>PACKAGE</b>                                 | <b>INTERNAL PACKAGING:</b>    | <b>1pcs per PE bag</b>   |
|  | <b>RoHS IDENTIFI-CATIONS:</b> | <b>A label marking "RoHS compliant" will be attached to the carton box.</b>  |