



ENGLISH

**Datasheet**  
**Anti-Vandal Switch**  
**Switch Pushbutton Stainless 12mm Maintained**

**Stock No:111-6515**



Package Contain:

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

Specification:

SWITCH TYPE:		<b>1116515</b>
POLES/THROWS:		<b>SPST</b>
SWITCH FUNCTIONS:		OFF-ON
<b>ELECTRICAL CHARACTERISTICS</b>	CONTACT RATING:	MAX. 1Amps @ 36VDC
	ELECTRICAL LIFE:	50,000 make-and-break cycles at full load
	<b>CONTACT RESISTANCE:</b>	50m-ohms max. initial @ 2-4VDC, 100mA
	INSULATION RESISTANCE:	Apply 500VDC for 1min±5sec. After which measurement to be made b/w terminals shall result 1000M-ohms min.
	DIELECTRICAL STRENGTH:	1,500VAC (50Hz-60Hz) RMS @ sea level shall result no damage to parts arcing or flashover
	OPERATING TEMPERATURE:	-25Celsius degree to +55Celsius degree
<b>RELIABILITY PERFORMANCE</b>	<b>MECHANICAL LIFE:</b>	<b>Without load, 50,000cycles min.</b>
	TORQUE:	0.6Nm max. applied to nut
	PANEL THICKNESS:	10mm max.
	<b>OPERATING FORCE:</b>	3.5N max.
	OPERATING TRAVEL:	2.5+/-0.2mm
	<b>IP PROTECTION CLASS:</b>	Front panel protection to IP40
	IMPACT RESISTANCE:	IK08
SOLDERING HEAT RESISTANCE:	Max soldering temperature @ 260Celsius degree, immersion time 5+/-1sec, frequency of soldering process @ 2 times max.	

	COLD TEST:	Stored at temperature $-25(+/-3)$ Celsius degree for 48 hours, shall result no changes to switch's electrical performance
	HOT TEST:	Stored at temperature $+55(+/-3)$ Celsius degree for 48 hours, shall result no changes to switch's electrical performance
	HUMIDITY TEST:	Stored at temperature $40(+/-3)$ Celsius degree with relative humidity 90%~95% for 48 hours, shall result no changes to switch's electrical performance
MATERIAL CHARACTERISTICS	<b>BUTTON:</b>	B42 : Stainless steel with varnished polished
	<b>BUSHING:</b>	
	<b>BASE:</b>	<b>PA</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>	Green Voltage & Rating: 220VAC @ 15mA With an outer resistor
SOLDERING & CLEANING RECOMMENDATION	HAND SOLDERING:	<b>Max. temperature @ 320Celsius degree (608F)with continuous soldering time @ 2sec. max.</b>
	CLEANING PROCESS:	<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>
PACKAGE IDENTIFI-CATIONS:	INTERNAL PACKAGING:	1pcs per PE bag
	RoHS IDENTIFI-CATIONS:	A label marking "RoHS compliant" will be attached to the carton box.

