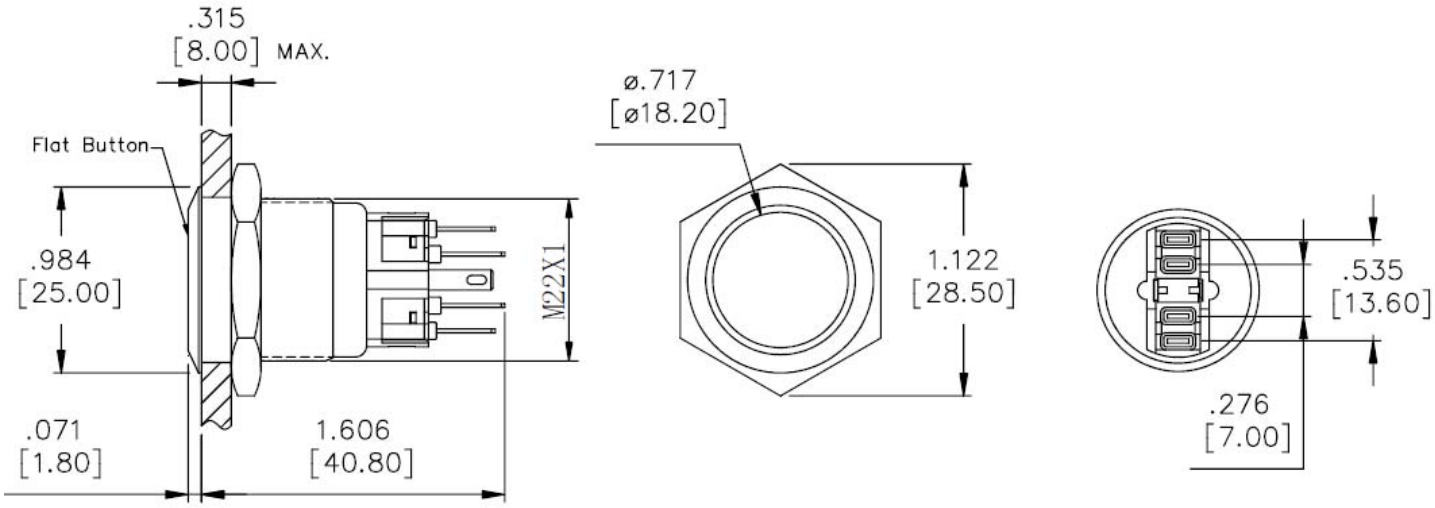
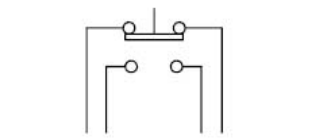
Product Datasheet

ENGLISH

Anti-Vandal Switch

Switch Pushbutton Stainless Maintained





CONTACT CONFIGURATION

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

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Package Contain:

1 x Anti-Vandal Switch

1 x Hex Nuts

1 x O-Ring

Specification:

SWITCH TYPE:		8118477
POLES/THROWS:		SPDT
SWITCH FUNCTIONS:		ON-ON
ELECTRICAL CHARACTERISTICS	CONTACT RATING:	MAX. 5Amps @ 250VAC
	ELECTRICAL LIFE:	50,000 make-and-break cycles at full load
	CONTACT RESISTANCE:	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:	2,000VAC (50Hz-60Hz) RMS @ sea level shall result no damage to parts arcing or flashover
	OPERATING TEMPERATURE:	-20Celsius degree to +55Celsius degree
RELAIBILITY PERFORMANCE	MECHANICAL LIFE:	Without load, 50,000cycles min.
	OPERATING FORCE:	4N max.
	TORQUE:	5~14Nm max. applied to nut
	IP PROTECTION CLASS:	Front panel protection to IP67
	SOLDERING HEAT RESISTANCE:	Max soldering temperature @ 260Celsius degree, immersion time 5+/-1sec, frequency of soldering process @ 2 times max.
	COLD TEST:	Stored at temperature –20(+/-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
	TORQUE:	5~14Nm max. applied to nut
	OPERATING FORCE:	4N max.

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MATERIAL CHARACTERISTICS	BUTTON:	B12 : Stain less steel with varnished polished
	BUSHING:	
	BASE:	PBT
	PLUNGER:	POM
	SPRING:	Steel wire
	CONTACT:	Copper alloy, silver plated
	TERMINALS:	Brass, silver plated
	HARDWARE:	Nut (Brass, nickel plated)
SOLDERING & CLEANING RECOMMENDATION	HAND SOLDERING:	Max. temperature @ 320Celsius degree (662F)with continuous soldering time @ 2sec. max.
	CLEANING PROCESS:	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
PACKAGE	INTERNAL PACKAGING:	1pcs per PE bag
	RoHS IDENTIFI-CATIONS:	A label marking “RoHS compliant” will be attached to the carton box.

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