

ENGLISH

Datasheet

Sub-Miniature Pushbutton Switch



IP 67 ACCORDING TO EN 60529-1991+A1-2001 IEC 60529-2001





Package Contain:

1x Nut 1x Locking Washer 1x Splash Proof O-Ring

Specifications:

SWITCH TYPE: PUSHBUTTON

POLES/THROWS: SPST

SWITCH FUNCTIONS: OFF-MOM

ELECTRICAL CHARACTERISTICS

CONTACT RATING: 500mA 48VAC-200mA 50VDC-200mA 250VAC

ELECTRICAL LIFE: 500,000 make-and-break cycles at full load

CONTACT RESISTANCE: 50m-ohms max. INSULATION RESISTANCE: $1G\Omega$ min. at 500VDC

DIELECTRICAL STRENGTH: 1500VAC rms
OPERATING TEMPERATURE: -30°C to +85°C





Specifications:

RELAIBILITY PERFORMANCE

MECHANICAL LIFE: Without load, 1,000,000 cycles min

OPERATING FORCE: 2N~5N max

TORQUE: 1.5 Nm max. (applied to nut.)

IP PROTECTION CLASS: IP67(Upper side:Protected against the effects

of temporary immersion in water.)

SOLDERING HEAT RESISTANCE: Max soldering temperature @ 260±5°C,

immersion time 5±1sec

COLD TEST: Stored at temperature $-30(+/-3)^{\circ}$ C for 96 hours,

shall result no changes to switch's electrical

performance

HOT TEST: Stored at temperature $+85(+/-3)^{\circ}$ C for 96 hours,

shall result no changes to switch's electrical

performance

HUMIDITY TEST: Stored at temperature $40(+/-2)^{\circ}$ C with relative

humidity 90%~95% for 96 hours, shall result no

changes to switch's electrical performance

MATERIAL CHARACTERISTICS

CASE: DAP

CAP BUSHING: Polyamide 6/6

CONTACT TERMINAL: Gold over silver plated

SOLDERING & CLEANING RECOMMENDATION

HAND SOLDERING: Max. temperature @ 350Celsius degree with

continuous soldering time @ 5sec. max.

CLEANING PROCESS: Noted, the switch is "not totally sealed" so it is

important not to immerse/spray or clean

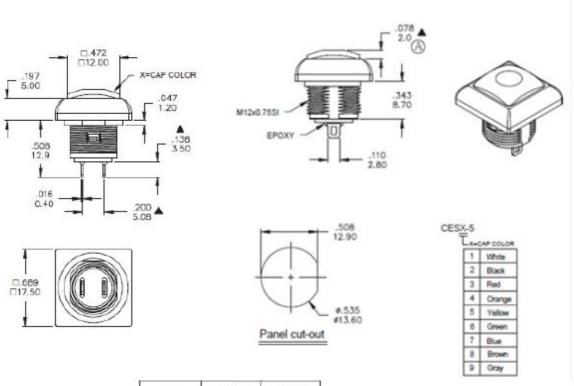
unsealed areas of the switch during flux removal. Improper cleaning could cause switch deficiencies such as intermittence or open contact failures





RS P/N

110 1 / 11	
Single Pole off / Momentary Square Black Chrome	8919810
Single Pole off / Momentary Square Red Chrome	8919814
Single Pole off / Momentary Square Blue Chrome	8919823
Single Pole off / Momentary Square White Chrome	8919826
Single Pole off / Momentary Square Green Chrome	8919820



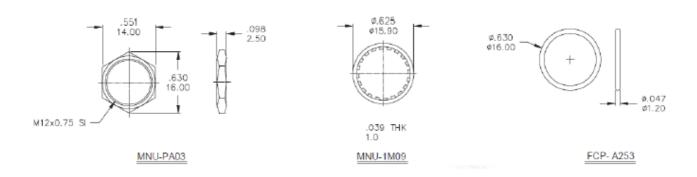
Model No.	POS.1	POS.2
	A	1
PAS6	OFF	MOM
Term. Comm.	OPEN	SHORT
SCHEMATIC	OPEN	-t

SWITCH FUNCTION



ENGLISH

HARDWARE



	PART NO.	PART NAME	Q'TY
1	MNU- PA03	M12 X 0.75 NUTS	1
2	MNU-1M09	LOCKING WASHER	1
3	FCP-A253	O-RING	1