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Toggle Switches

Features

- UL & CUL approved
- SPDT
- Various configurations available
- Sealing boot available with various colors

RS PRO Toggle Switches

RS Stock No.: 0186265



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Toggle Switches

Product Description

10A 250VAC Power Level, from SPST to 4PDT with a variety of options for actuator, bushing and terminal. Optional locking lever or safety cover to prevent from accidental actuation

Suitable applications:

- *Instrumentation*
- *Shut-off switch*

Package Contain

1 x Power Toggle Switch
2 x Hex Nuts
1 x Washer

General Specifications

Contact Configuration	SPDT
Switch Operation	(ON)-OFF-(ON)
Mounting Type	Panel Mount
Terminal Type	Solder Lug
Illuminated	No
Panel Cut Out Height	5mm
Panel Cut Out Diameter	12mm
Actuator Length	18.1mm

Mechanical Specifications

Mechanical Life	Without load, 10,000 cycles min.

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Electrical Specifications

Contact Current Rating	10A @ 250VAC, 15A @ 125VAC
Voltage Rating	10A @ 250VAC, 15A @ 125VAC
Electrical Life	10,000 make-and-break cycles at full load
Contact Resistance	20m-ohms max. initial @ 2-4VDC, 1A
Insulation Resistance	Apply 500VDC for 1min. After which measurement to be made b/w terminals shall result 200M-ohms min.
Dielectric Strength	1,500VAC (50Hz-60Hz) for 1 min. shall result no damage to parts arcing or flashover
Operating Temperature	-20Celsius degree to +55Celsius degree

Relaibility Performance

Soldering Heat Resistance	Max soldering temperature @ 260Celsius degree, immersion time 5+/-1sec. No deformation on terminal or surrounding enclosure
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
Soldering Temperature	Hand soldering @ 350 Celsius degree for 3sec. max. (No pressure to be applied on terminals)

Protection Category

IP Protection	IP40

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Material Characteristics

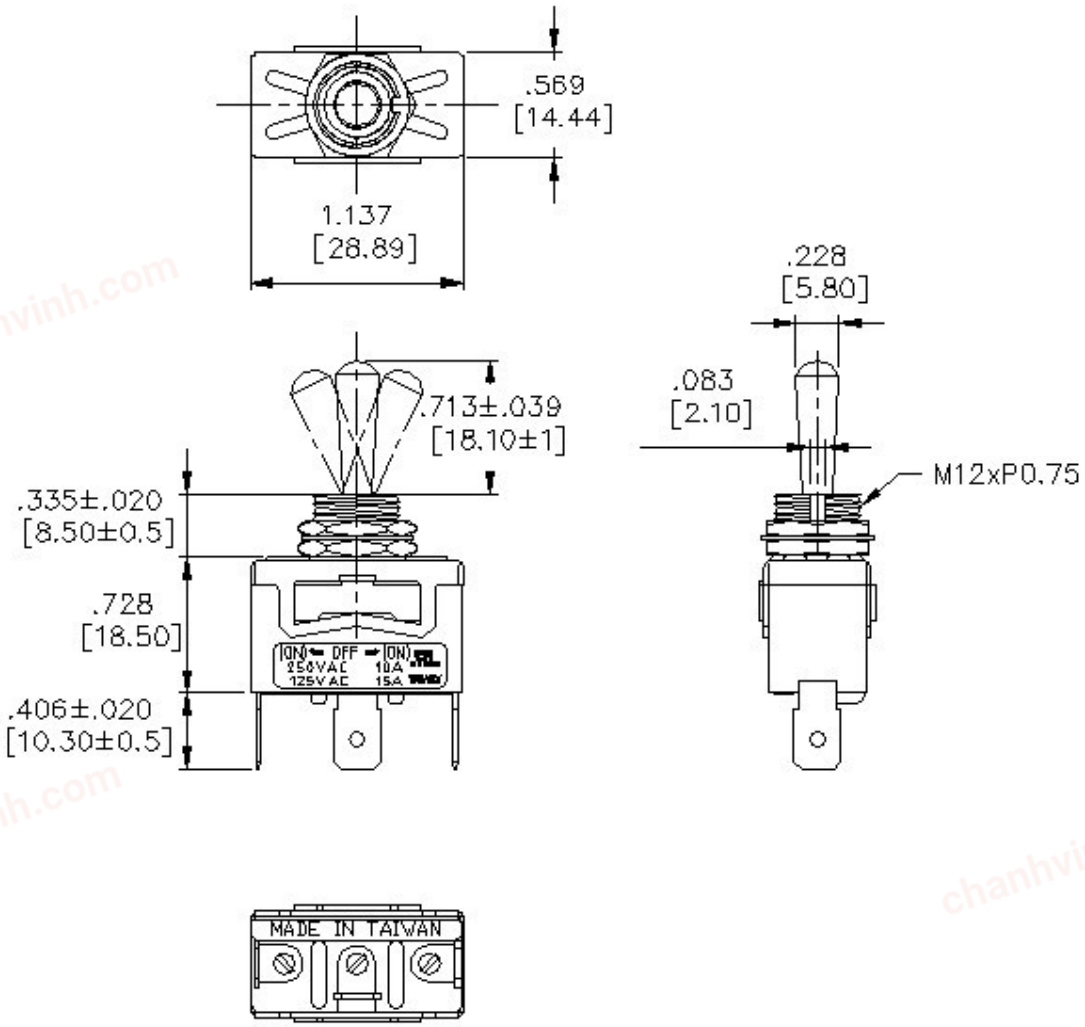
Actuator Material	Brass with nickel plating
Bushing	Brass with nickel plating
Base	Phenolic resin moulding compound, black
Spring	Steel wire
Contact Material	Silver alloy
Housing	Iron, nickel plated
Terminals	H5:Bronze
Hardware	Nut (Iron, nickel plated), Washer (Steel, nickel plated) SCREW (Iron, nickel plated)
Label	Mist silver polyester film

Approvals

Declarations	MFR Declaration of Conformity
Hazardous Area Certification	RoHS 2011/65/EU & 2015/863
Standards Met	UL 61058

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Drawing:



Schematic:

