

Honeywell Sensing and Control

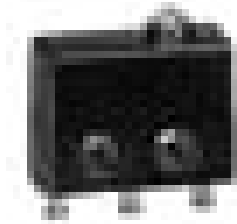


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1SX1-H58



Actual product appearance may vary.

SX Series Subminiature Basic Switch, Single Pole Double Throw (SPDT), 250 Vac, 7 A, Pin Plunger Actuator, Quick Connect Termination

Features

Long operating life
 Elongated mounting hole for easier, more accurate mounting
 Choice of actuation (plunger, as well as a variety of integral and auxiliary actuators)
 Choice of electrical termination (solder, quick connect, PCB)
 Choice of operating characteristics
 Optional series constructions available (gold contacts for low energy switching, bifurcated gold contacts for maximum reliability, power load switching capability to 7 A)
 MIL-PFR-8805 qualified listings available

Potential Applications

Aerospace
 Appliances
 Vending machines
 Timing devices
 Office equipment
 Computer/business equipment
 Test instruments
 Medical/dental equipment
 Communications equipment
 HVAC equipment
 Manually operated devices
 Valves

Description

SX Series Subminiature Basic Switches are used for simple or precision on/off application needs. They are small, precision snap-action switches that are ideal where savings in space and weight are important.

Supporting Documentation

- ▣ [Engineering Drawing](#)

Product Specifications	
Switch Type	Subminiature 10,2 mm H x 5,08 mm W x 12,7 mm L [0.4 in H x 0.20 in W x 0.5 in L]
Sealed	No
Ampere Rating	7 A
Circuitry	Single Pole Double Throw (SPDT)
Actuator	Pin Plunger
Termination	Quick Connect
Operating Temperature Range	-53 °C to 121 °C [-65 °F to 250 °F]
Voltage	250 Vac
Approvals	CSA, UL
Contact Type	Silver
Operating Force (O.F.)	1,39 N [5.0 oz] max.
Release Force (R.F.)	0,28 N [1.0 oz] min.
Pretravel (P.T.)	0,5 mm [0.020 in] max.
Overtravel (O.T.)	0,1 mm [0.004 in] min.
Differential Travel (D.T.)	0,13 mm [0.005 in] max.

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All Sensing and Control



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Operating Position (O.P.)	8,13 mm \pm 0,38 mm [0.320 in \pm 0.015 in]
Housing Material	General Purpose Phenolic
High Temperature	121 °C [250 °F]
CE mark	61058-1
UL File #	E12252
CSA File #	LR41372
Agency Approvals and Standards	1054
Mounting Screw Size	22,1 mm [0.087 in]
Mounting Centers	4,83 mm [0.19 in]
Maximum Tightening Torque	0,22 N m [2.0 in lb]
Weight	1,36 g [0.003 lb]
Package Height	8,89 mm [0.35 in]
Package Width	5,0 mm [0.20 in]
Package Length	12,7 mm [0.50 in]
Recommended For	7 amp load
Comment	Accepts Amp Inc. .058 Diam. Pin Receptacles
Availability	Global
UNSPSC Code	30211905
UNSPSC Commodity	30211905 Snap switches
Series Name	SX

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