



11SX21-T



Actual product appearance may vary.

SX Series Subminiature Basic Switch, Single Pole Double Throw (SPDT), 250 Vac, 5 A, Pin Plunger Actuator, Solder 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

MICRO SWITCH™ 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.

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	5 A
Circuitry	Single Pole Double Throw (SPDT)
Actuator	Pin Plunger
Termination	Solder
Operating Temperature Range	-55 °C to 125 °C [-67 °F to 257 °F]
Voltage	250 Vac
Approvals	CE, CSA, UL
Contact Type	Silver
Operating Force (O.F.)	0,7 N - 1,39 N [2.5 oz - 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.)	0,051 mm [0.002 in] max.
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	204 °C [400 °F]
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	Most applications
Availability	Global
UNSPSC Code	30211905
UNSPSC Commodity	30211905 Snap switches
Series Name	SX

MICRO SWITCH

FREEPORT ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL

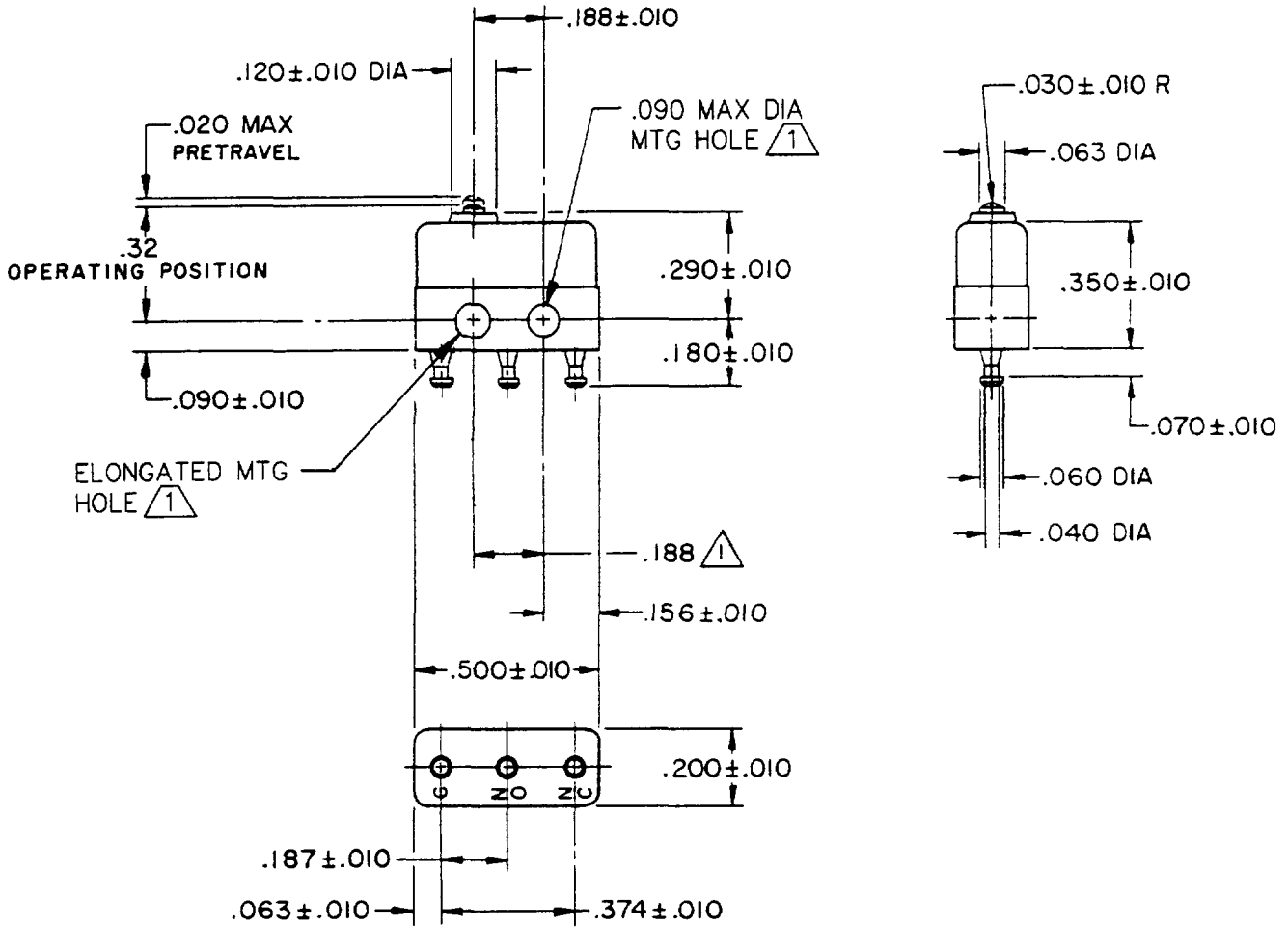
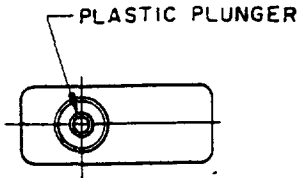
FED. MFG. CODE 91929

SWITCH - BASIC

CATALOG LISTING

11SX21-T

PRODUCT CODE
VDJ2100



- NOTES
- 1 MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .087 MAX DIA ON .188±.002 CENTERS
 - 2 - TERMINALS ARE PLATED FOR SOLDERING
 - 3 - SWITCH WILL WITHSTAND TEMPERATURE OF 250 °F

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CHARACTERISTICS

OPERATING FORCE ----- 2.5-5 OZ
RELEASE FORCE ----- 1 OZ MIN
DIFFERENTIAL TRAVEL ----- .002 MAX
OVERTRAVEL ----- .004 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T

28 VOLTS DC RATING
INDUCTIVE ----- SEA LEVEL ----- 3 AMP
50,000 FT ----- 2 AMP
RESISTIVE ----- SEA LEVEL ----- 5 AMP
50,000 FT ----- 4 AMP

115 VOLTS AC, 60 CPS
INDUCTIVE ----- SEA LEVEL ----- 5 AMP
RESISTIVE ----- SEA LEVEL ----- 5 AMP

SCALE 2 TO 1

DO NOT SCALE PRINT

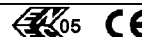
UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
ONE PLACE (.01) ±.030
TWO PLACE (.001) ±.015
THREE PLACE (.000) ±.005
ANGLES

WEIGHT .003 LB MAX

APPROVALS

KEMA ,CE
UL, CSA

5A 250V ~T125 5E4



BRAND L4L

11SX21-T

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DRAWING NUMBER

ISSUE 10

REPLACES

RELEASE NO. PR-862

11APR05

AK

CHECK

69

REVISIONS

A CO27064

S R H

18 MAR 70

B CO27302

M B S

15 APR 70

C CO27999

M B S

25 SEP 70

D CO 28723

DAW

5 APR 71

E CO 43701

R J W

16 NOV 78

F CO57825

J A S

22 JULY 85

G CO71574

J A L

4 JUN 92

H 201033

DLT

21 AUG 00

J 0012136

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5 SEP 69

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FOR R/R/ING OF