



V7-2B17D8



Actual product appearance may vary.

V7 Series Miniature Basic Switch, Single Pole Double Throw Circuitry, 11 A at 250 Vac, Pin Plunger Actuator, 0,73 N [2.63 oz] Maximum Operating Force, Silver Contacts, Quick Connect Termination, CSA, UL

V7 Series Features

- World-wide package size acceptance
- Current rating ranges from 0.1 A to 25 A
- Wiping contact action
- Temperature range to 177 °C [350 °F]
- Long mechanical life
- Elongated mounting holes for easier, more accurate mounting
- UL/CSA recognized, ENEC (European) approval available
- Choice of actuation, termination and operating characteristics

Potential Applications

- Appliances
- Vending machines
- Timing devices
- Office equipment
- Computer/business equipment
- Test instruments
- Medical/dental equipment
- Communications equipment
- HVAC equipment
- Manually operated devices
- Valves
- Gaming equipment
- Pressure switches

Description

MICRO SWITCH™ V5 and V7 Series basic switches are used for simple or precision on/off, end of limit, presence/absence, pressure, temperature and manual operator interface application needs.

Product Specifications	
Switch Type	MICRO SWITCH™ Miniature 15,9 mm H x 10,2 mm W x 28,8 mm L [0.63 in H x 0.4 in W x 1.14 in L]
Sealed	No
Ampere Rating	11 A
Circuitry	Single Pole Double Throw (SPDT)
Actuator	Pin Plunger
Termination	Quick Connect
Operating Temperature Range	-40 °C to 82 °C [-40 °F to 180 °F]
Voltage	250 Vac
Approvals	CSA,UL,ENEC
Contact Type	Silver
Operating Force (O.F.)	0,73 N [2.63 oz] max.

Release Force (R.F.)	0,1 N [0.353 oz] min.
Pretravel (P.T.)	1,19 mm [0.748 in] [0.047 in] max.
Overtravel (O.T.)	1,27 mm [0.050 in] min.
Differential Travel (D.T.)	0,05 mm - 0,25 mm [0.002 in - 0.010 in]
Housing Material	PCT PolyesterThermoplastic
High Temperature	85 °C [185 °F]
UL File #	E12252
CSA File #	LR41370
Agency Approvals and Standards	1054
Mounting Centers	22,2 mm [0.88 in]
Maximum Tightening Torque	0,56 N m [5.0 in lb]
Weight	8 g [0.3 oz]
Package Height	16 mm [0.63 in]
Package Width	10,2 mm [0.40 in]
Package Length	27,7 mm [1.09 in]
Availability	Global
UNSPSC Code	30211905
UNSPSC Commodity	30211905 Snap switches
Series Name	V7

MICRO SWITCH

FREEMONT ILLINOIS, U.S.A
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH-BASIC

CATALOG LISTING

V7-2B17D8

CW-B3068

V7-2B17D8

M

DRAWING NUMBER

X

X

4

ISSUE

REVISIONS

A	C066350	J A P	14 SEPT 89
B	CO 69746	WJC	15 MAR 91
C	CO 76108	L J F	25 OCT 93

REPLACES X94129-V7

RELEASE NO. PR-16116

CHECK

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11 JAN 88

MAM

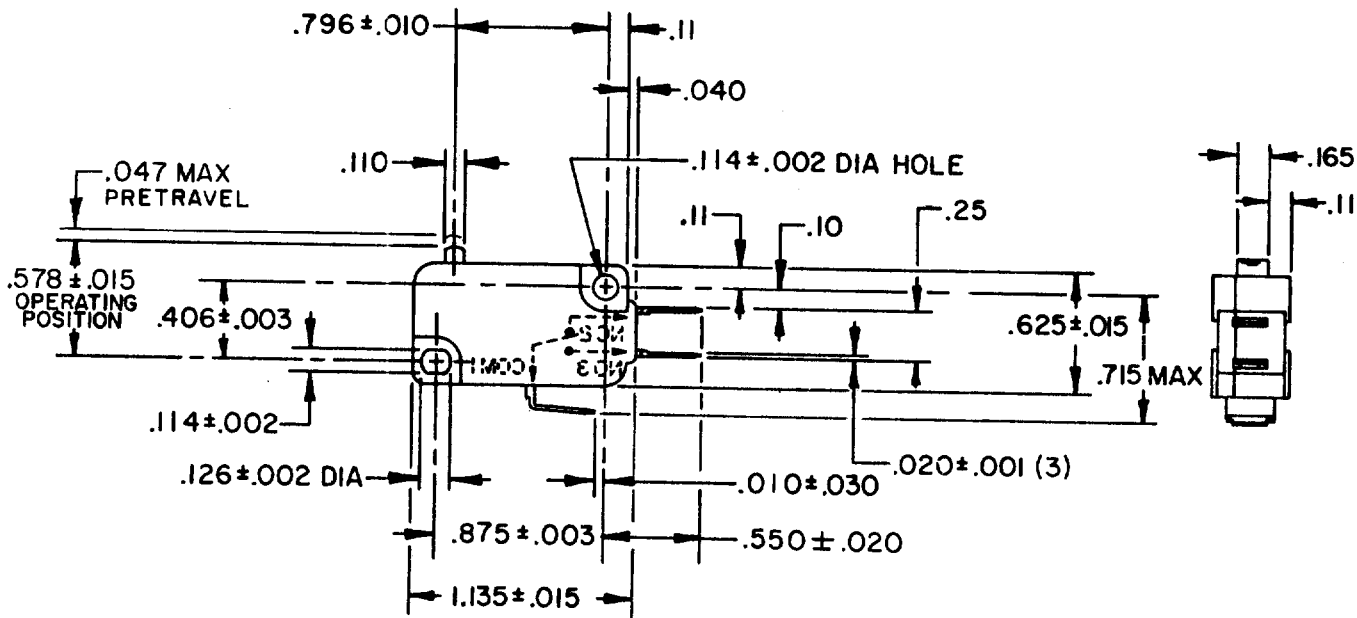
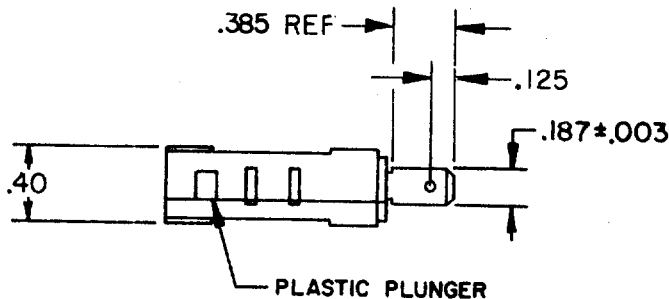
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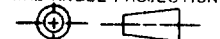
DRAWN

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THIRD ANGLE PROJECTION



CHARACTERISTICS

OPERATING FORCE ----- 75 GRAM MAX
RELEASE FORCE ----- 10 GRAM MIN
RELEASE TRAVEL ----- .010 MIN
DIFFERENTIAL TRAVEL ----- .002-.010
OVERTRAVEL ----- .050 MIN
FREE POSITION ----- .625 MAX

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T

L 156
11A 1/3 HP 125, 250, 277 VAC
1/2A 125 VDC, 1/4A 250 VDC
4A 125 VAC "L"



SCALE FULL

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

DIM.	TOL.	DIM.	TOL.
mm	mm/in	in	mm/in
NO PLACES	X	17.04	
ONE PLACE	X,X	0.47/0.18	X,X
TWO PLACES	X,X,X	0.13/0.05	X,X,X
THREE PLACES	X,X,X,X	0.08/0.015	X,X,X,X
ANGLES		0.13/0.005	

DESIGN UNITS SI METRIC

US CUSTOMARY

WEIGHT