



V7-1C17D8-048



Actual product appearance may vary.

V7 Series Miniature Basic Switch, Single Pole Double Throw Circuitry, 15 A at 277 Vac, Straight Lever Actuator, 0,44 N [1.6 oz] Maximum Operating Force, Silver Contacts, Quick Connect Termination

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	15 A
Circuitry	Single Pole Double Throw (SPDT)
Actuator	Straight Lever
Termination	Quick Connect
Operating Temperature Range	-40 °C to 82 °C [-40 °F to 180 °F]
Voltage	277 Vac
Approvals	CSA, UL
Actuator Length	59,4 mm [2.34 in]
Contact Type	Silver

Operating Force (O.F.)	0,44 N [1.6 oz] max.
Release Force (R.F.)	0,05 N [0.2 oz] min.
Pretravel (P.T.)	2,16 mm [0.085 in] max.
Overtravel (O.T.)	4,19 mm [0.165 in] min.
Differential Travel (D.T.)	1,52 mm [0.060] max.
Operating Position (O.P.)	15,2 ± 2,159 mm [0.600 ± 0.085 in]
Housing Material	PCT PolyesterThermoplastic
High Temperature	85 °C [185 °F]
CE mark	61058-1
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

FREERPORT ILLINOIS, U.S.A.
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FED. MFG. CODE 91929

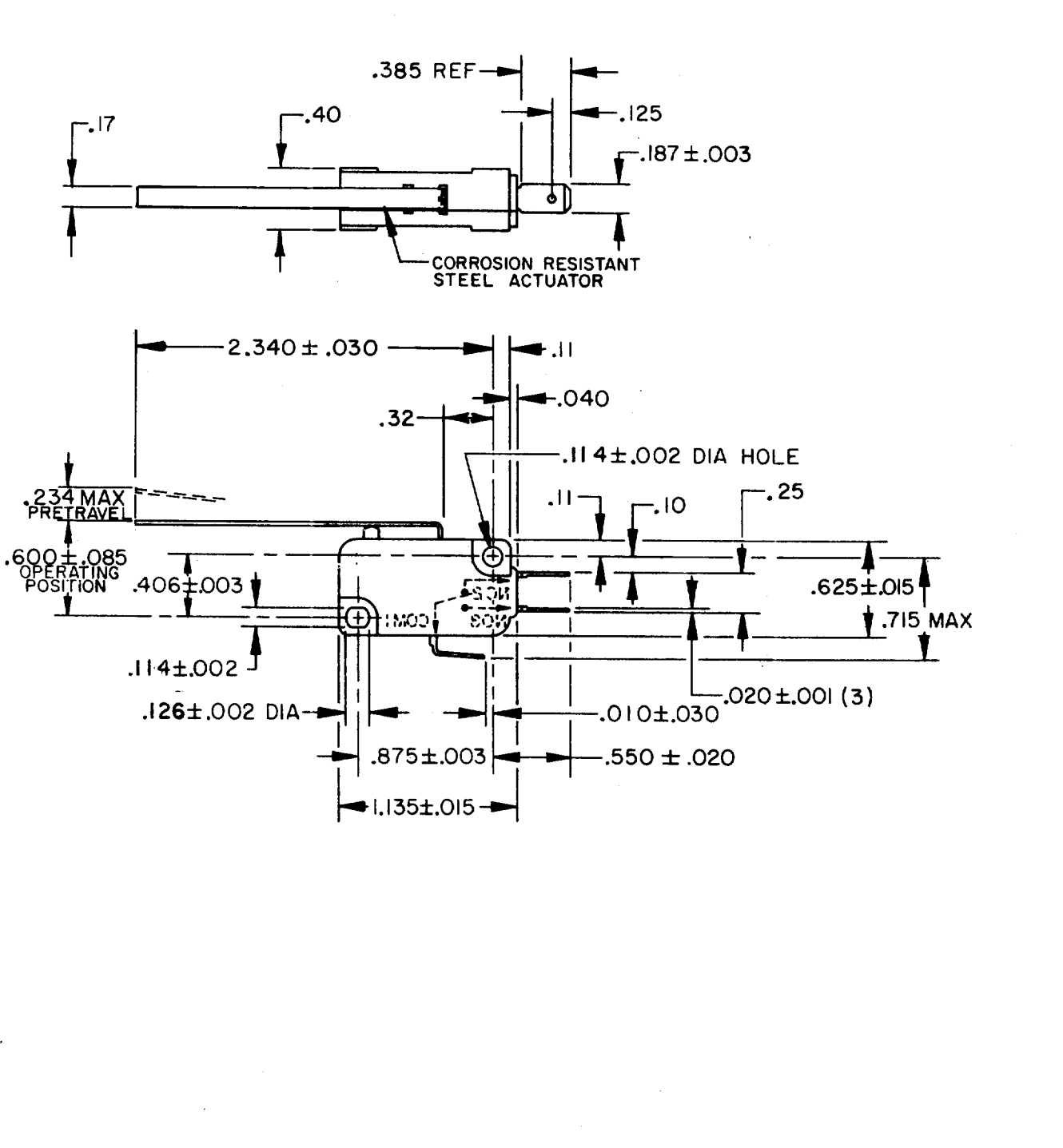
SWITCH-BASIC

CATALOG LISTING

V7-1C17D8-048

CW-B1620

M V7-1C17D8-048
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THIRD ANGLE PROJECTION

CHARACTERISTICS	
OPERATING FORCE	---- 45 GRAM MAX
RELEASE FORCE	---- 5 GRAM MIN
DIFFERENTIAL TRAVEL	---- .060 MAX
OVERTRAVEL	---- .165 MIN
RELEASE TRAVEL	---- .030 MIN

ELECTRICAL DATA	
CONTACT ARRANGEMENT S P D T	
L215	
15.1A 1/2HP 125, 250, 277VAC	
1/2A 125VDC	
1/4A 250VDC; 5A 120VAC "L"	

SCALE		FULL	
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±			
	DIM.	TOL.	DIM.
	mm	mm/in	in
NO PLACES	X	1/04	
ONE PLACE	X,X	0.4/018	X,X 0.8/03
TWO PLACES	X,XX	0.18/008	X,XX 0.28/015
THREE PLACES	X,XXX	0.18/008	X,XXX 0.18/008
ANGLES			
SI METRIC		US CUSTOMARY	
DESIGN UNITS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
WEIGHT			