



### V7-1C17D8-201



*Actual product appearance may vary.*

**V7 Series Miniature Basic Switch, Single Pole Double Throw Circuitry, 15 A at 277 Vac, Roller Lever Actuator, 1,72 N [6.2 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	Roller 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	20,6 [0.81 in]
Contact Type	Silver

Operating Force (O.F.)	1,72 N [6.2 oz] max.
Release Force (R.F.)	0,19 N [0.7 oz] min.
Pretravel (P.T.)	1,19 mm [0.047 in] max.
Overtravel (O.T.)	0,81 mm [0.032 in] min.
Differential Travel (D.T.)	0,30 mm [0.012] max.
Operating Position (O.P.)	20,6 ± 0,762 mm [0.810 ± 0.030 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**  
a Honeywell Division

FED. MFG. CODE 91929

**SWITCH - BASIC**

CATALOG LISTING

V7-1C17D8-201

CW-B1652

CATALOG LISTING

V7-1C17D8-201

RELEASE NO. PR-19218

REPLACES

ISSUE

2

CHECK

REVISIONS

A	CO	76418
	DCS	10 DEC 93

CHECK

12 JUN 91

JAL

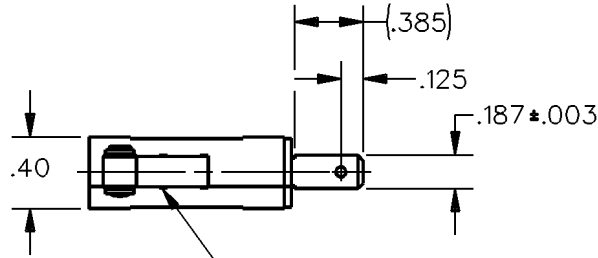
CHECK

11 JUN 91

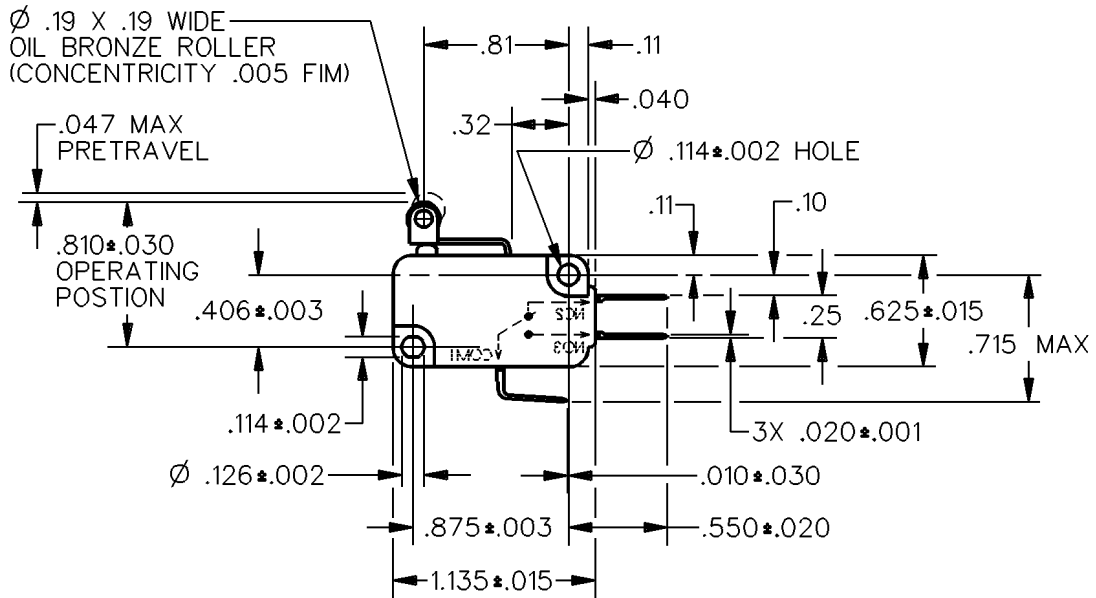
WJC

DRAWN

DDM/CAD



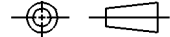
CORROSION RESISTANT  
STEEL ACTUATOR



ANSI Y14.5M-1982 APPLIES

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

THIRD ANGLE PROJECTION



CHARACTERISTICS	ELECTRICAL DATA	SCALE FULL	DO NOT SCALE PRINT
OPERATING FORCE --- 175 GRAMS MAX	CONTACT ARRANGEMENT S P D T  L215 15.1A 1/2HP 125, 250 OR 277 VAC 1/2A 125 VDC 1/4A 250 VDC; 5A 120 VAC "L"	<b>UNLESS OTHERWISE SPECIFIED TOLERANCES ARE</b>	
RELEASE FORCE --- 19 GRAMS MIN		ONE PLACE ( .0 ) ± .030	
DIFFERENTIAL TRAVEL --- .012 MAX		TWO PLACE ( .00 ) ± .015	
OVERTRAVEL --- .032 MIN		THREE PLACE ( .000 ) ± .005	
RELEASE TRAVEL --- .007 MIN		ANGLES ±	
		WEIGHT	

