



### BZ-2R-A2



Actual product appearance may vary.

**BZ Series Standard Basic Switch, Single Pole Double Throw Circuitry, 15 A at 125 Vac, Pin Plunger Actuator, 2,5 N - 3,61 N [9 oz -13 oz] Operating Force, Silver Contacts, Screw Termination, CE, CSA, DEMKO, UL**

#### Features

- Accepted world-wide standard "Large Basic" switch
- Low operating force and differential travel
- Long mechanical life up to 20,000,000 cycles at 95% survival
- Elongated mounting hole for easier, more accurate mounting
- Current rating ranges from 15 A to 25 A
- Choice of actuation, termination and operating characteristics

#### Potential Applications

- Irrigation systems
- Semi-trailer trucks
- Timing devices
- Office equipment
- Test instruments
- Medical/dental equipment
- HVAC equipment
- Manually operated devices
- Valves

#### Description

MICRO SWITCH™ BZ/BA Series standard basic switches are used for simple or precision on/off application needs.

Product Specifications	
Switch Type	MICRO SWITCH™ Standard 25,4 mm H x 17,8 mm W x 50,8 mm L [1.0 in H x 0.7 in W x 2.0 in L]
Sealed	No
Ampere Rating	15 A
Circuitry	Single Pole Double Throw (SPDT)
Actuator	Pin Plunger
Termination	Screw
Operating Temperature Range	-55 °C to 125 °C [-67 °F to 257 °F]
Voltage	125 Vac
Approvals	CE, CSA, UL
Contact Type	Silver

Operating Force (O.F.)	2,5 N - 3,61 N [9.0 oz - 13.0 oz]
Release Force (R.F.)	1,11 N [4.0 oz] min.
Pretravel (P.T.)	0,38 mm [0.015 in] max.
Overtravel (O.T.)	0,13 mm [0.005 in] min.
Differential Travel (D.T.)	0,01 mm - 0,05 mm [0.0004 in - 0.0020 in]
Operating Position (O.P.)	15,88 mm $\pm$ 0,38 mm [0.625 in $\pm$ 0.015 in]
Material	Plastic
Housing Material	General Purpose Phenolic
High Temperature	204 °C [400 °F]
CE mark	61058-1
UL File #	E12252
CSA File #	LR41370
Agency Approvals and Standards	1054
Mounting Screw Size	3,53 mm [0.139 in]
Mounting Centers	25,4 mm [1 in]
Maximum Tightening Torque	0,33 N m [3.0 in lb]
Weight	28,6 g [0.063 lb]
Package Height	24,1 mm [0.95 in]
Package Width	17,5 mm [0.69 in]
Package Length	49,3 mm [1.94 in]
Recommended For	SPST (normally open)
Availability	Global
UNSPSC Code	30211905
UNSPSC Commodity	30211905 Snap switches
Series Name	BZ/BA/WA/YZ



**MICRO SWITCH**

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

FED. MFG. CODE 91929

# SWITCH - BASIC

CATALOG LISTING

**BZ-2R-A2**

AGM2000 / JG-05660

**BZ-2R-A2**

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**M**

DRAWING NUMBER

ISSUE

13

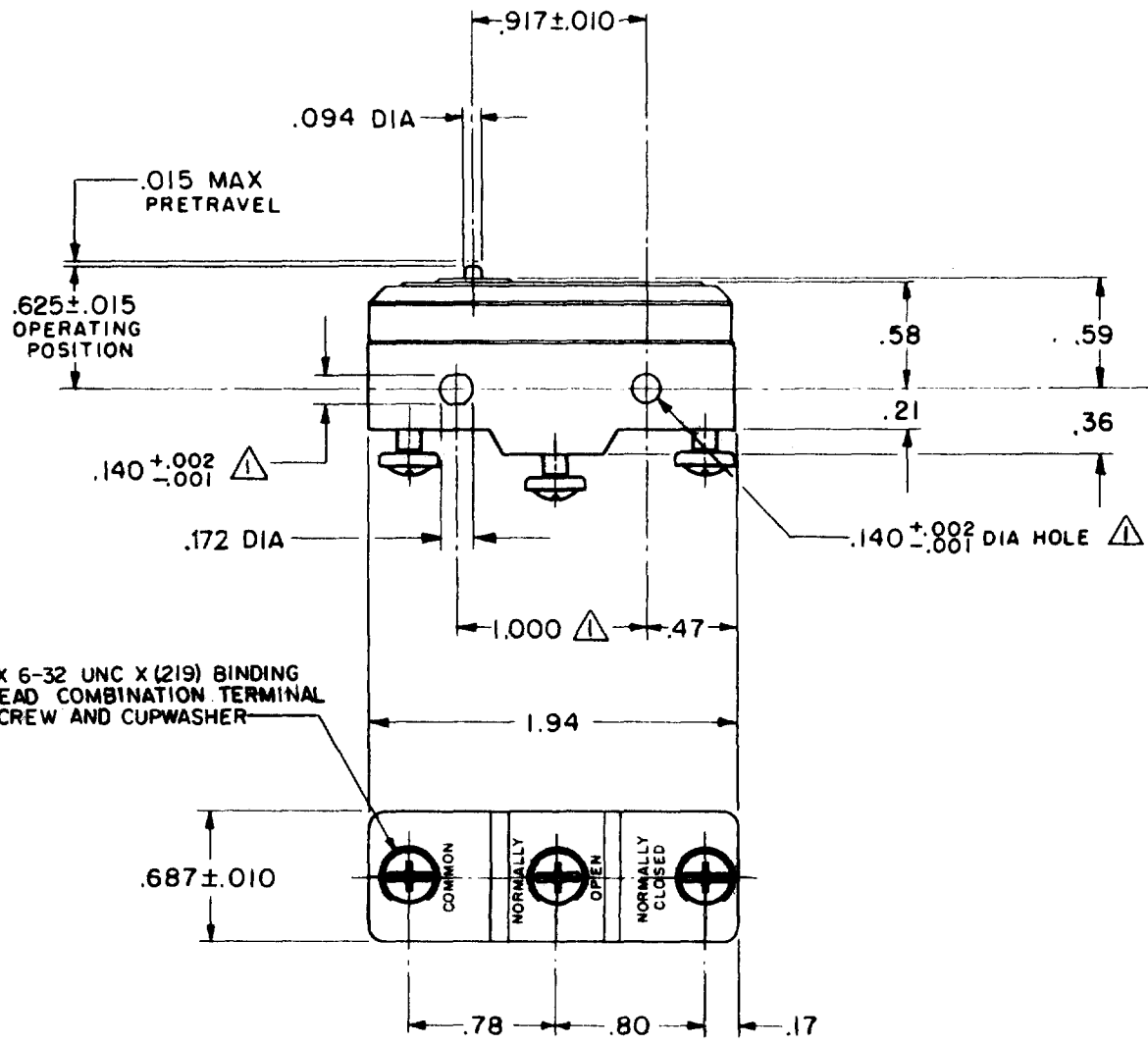
REPLACES

RELEASE NO.

CHECK

**REVISIONS**

A	CO17410	G C H	12 APRIL 63	29 AUG 05
B	CO31092	C	OCT 72	
C	CO-73297-B	D H O	17 MAY 93	
D	CO-77589	K D R	29 MAR 94	
E	CO93346	DLT	1 SEP 98	
F	0015138	SPK	29 AUG 05	



3X 6-32 UNC X (219) BINDING HEAD COMBINATION TERMINAL SCREW AND CUPWASHER

**NOTE**  
▲ - MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .139 MAX DIA ON 1.000 ± .002 CENTERS

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**CHARACTERISTICS**

OPERATING FORCE ----- 9 - 13 OZ

RELEASE FORCE ----- 4 OZ MIN

DIFFERENTIAL TRAVEL --- .0004 - .0020

OVERTRAVEL ----- .005 MIN

**ELECTRICAL DATA**

CONTACT ARRANGEMENT  
**S P D T**

**-L74-** 15A-125, 250 OR 480 VAC, 2A-600 VAC  
1/8HP-125 VAC; 1/4HP-250 VAC  
1/2A-125 VDC; 1/4A-250 VDC

-L288- EN05

-L306- 16A 250V ~ T85 5E4

-L315-

**SCALE FULL**

DO NOT SCALE PRINT

UNLESS OTHERWISE NOTED

DIMENSIONS ARE IN INCHES

**TOLERANCES ARE:**

ONE PLACE (.0) ±.030

TWO PLACE (.00) ±.015

THREE PLACE (.000) ±.005

ANGLES ±

WEIGHT .063 LB

FORMTEK

FO-80378

DRAWN

G C H 12 APRIL 63 CHECK L.S.D. R.2 APR 63