



### BZ-2RQ1-A2



*Actual product appearance may vary.*

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

#### 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	Overtravel Plunger
Termination	Screw
Operating Temperature Range	-55 °C to 85 °C [-67 °F to 185 °F]

Voltage	125 Vac
Approvals	DEMKO,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.)	5,56 mm [0.219 in] min.
Differential Travel (D.T.)	0,01 mm - 0,05 mm [0.0004 in - 0.0020 in]
Operating Position (O.P.)	21,82 mm $\pm$ 0,76 mm [0.859 in $\pm$ 0.030 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	39 g [0.086 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	Up to 20 amps load handling
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-2RQ1-A2

### ALF4500

**BZ-2RQ1-A2**  
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REPLACES

**M**  
DRAWING NUMBER

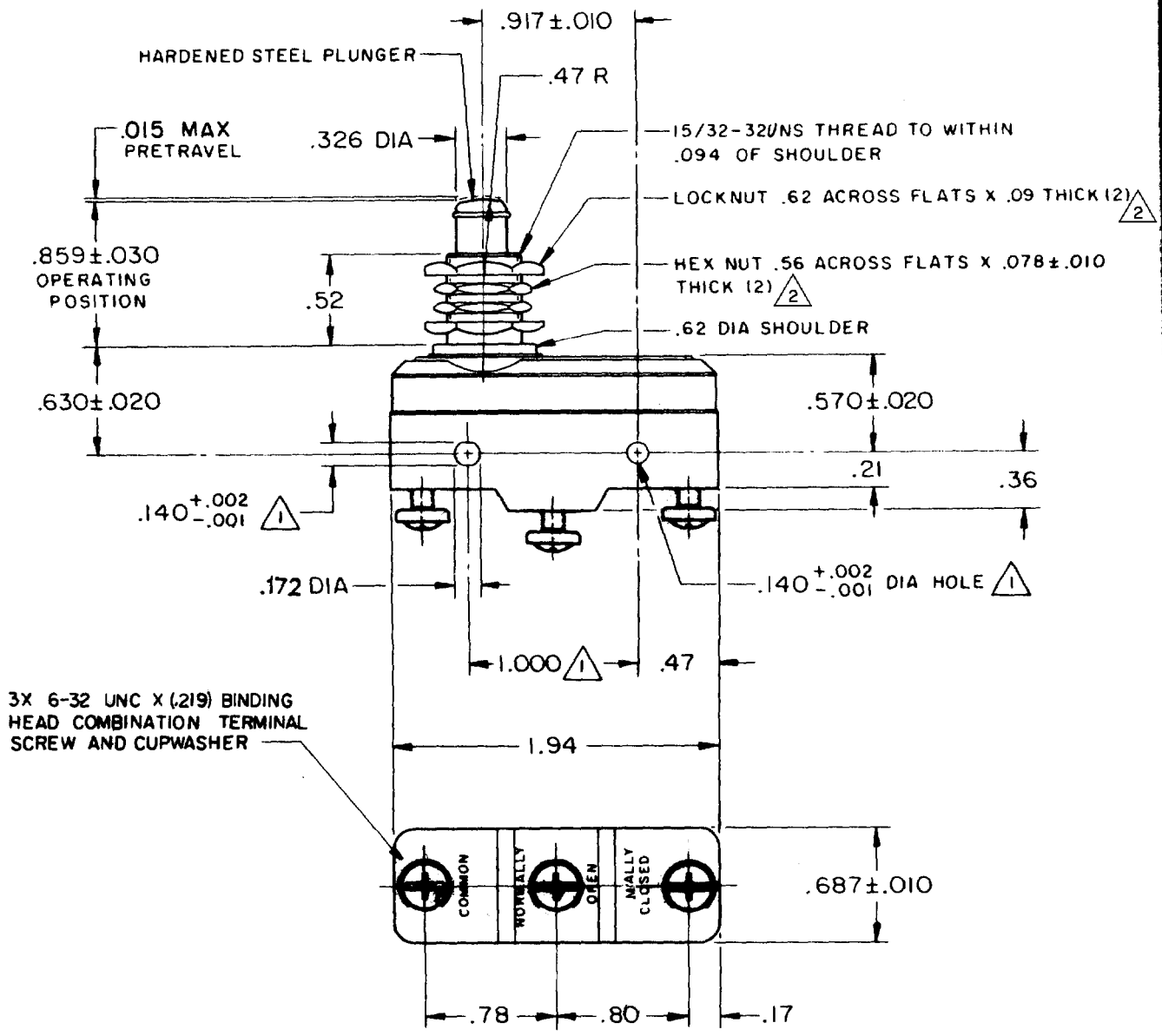
ISSUE **9**

REVISIONS

A	CO17410	G C H	22 MAY 63
B	CO-73287-4	D H D	17 MAY 93
C	CO-77589	K D R	29 MAR 94
D	CO-82133		
E	CO93346		
F	0015139		

CSL 25 JUL 96  
DLT 10 SEP 98  
TSG 23 AUG 05

FORMTEK  
FO-50378  
DRAWN  
G C H 22 MAY 63  
CHECK  
A.S.D 15 JUN 63  
CHECK  
R J 23 AUG 05  
CHECK  
R J 23 AUG 05



- NOTES**
- (1) MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .139 MAX DIA ON 1.000 ± .002 CENTERS
  - (2) HARDWARE FURNISHED UNASSEMBLED

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CHARACTERISTICS	ELECTRICAL DATA	SCALE FULL
OPERATING FORCE ----- 9 - 13 OZ	CONTACT ARRANGEMENT S P D T	DO NOT SCALE PRINT
RELEASE FORCE ----- 4 OZ MIN	-L96- 15 A - 125, 250, OR 480 VAC 1/2 A - 125 VDC, 1/4 A - 250 VDC 1/8 HP - 125 VAC, 1/4 HP - 250 VAC CE EN05 EC T85 5E4	UNLESS OTHERWISE NOTED
DIFFERENTIAL TRAVEL ----- 0004 - .0020		DIMENSIONS ARE IN INCHES <b>TOLERANCES ARE:</b> ONE PLACE (.0) ±.030 TWO PLACE (.00) ±.015 THREE PLACE (.000) ±.005 ANGLES ±
OVERTRAVEL ----- .219 MIN		WEIGHT .094 LB