

Honeywell Sensing and Control

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Representative photograph, actual product appearance may vary.

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BZ-2RQ1

BZ Series Standard Basic Switch, Single Pole Double Throw Circuitry, 15 A at 250 Vac, Overtravel Plunger Actuator, 2,5 N - 3,61 N [9 oz - 13 oz] Operating Force, Silver Contacts, Solder 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

Typical Applications

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

Description

BZ/BA Series Standard Basic Switches are used for simple or precision on/off application needs.

Product Specifications

Switch Type	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	Solder
Operating Temperature Range	-55 °C to 85 °C [-67 °F to 185 °F]
Voltage	250 Vac

Approvals	CE, CSA, DEMKO, 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	BZ-2RQ-A2 type applications with panel mount
Availability	Global
UNSPSC Code	30211905
UNSPSC Commodity	30211905 Snap switches
Series Name	BZ Series

*Due to regional agency approval requirements, some products may not be available in your area.
Please contact your regional Honeywell office regarding your product of choice.*

**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**

PAGE 1 OF 1

MDRAWING
NUMBER

9

ISSUE

REPLACES

RELEASE NO.

CHECK

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REVISIONS

A CO-17410

G C H

22 MAY 63

B CO-73287-1

D H D

17 MAY 93

C CO-77589

K D R

29 MAR 94

D CO-82133

CSL

25 JUL 96

E CO93346

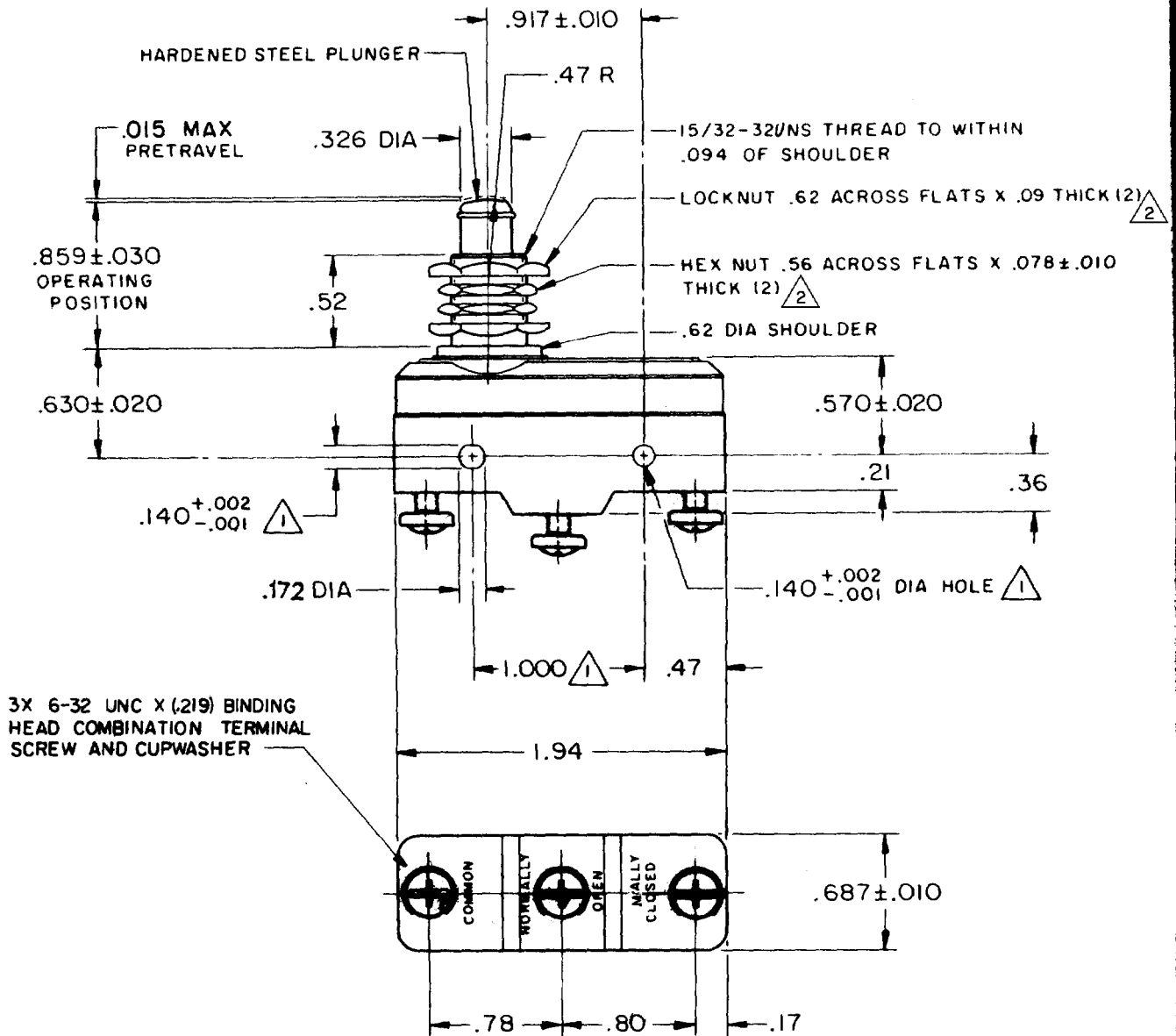
DLT

10 SEP 98

F 0015139

TSG

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

OPERATING FORCE ----- 9 - 13 OZ

RELEASE FORCE ----- 4 OZ MIN

DIFFERENTIAL TRAVEL ----- .0004 - .0020

OVERTRAVEL ----- .219 MIN

ELECTRICAL DATACONTACT ARRANGEMENT
S P D T

-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

-L288-
-L306-
-L315-

CE EN05 EC
16A 250V ~ T85 5E4

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 .094 LB

FORMTEK

FO-50378

DRAWN

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