



BZ-2RL2-A2



Actual product appearance may vary.

BZ Series Standard Basic Switch, Single Pole Double Throw Circuitry, 15 A at 125 Vac, Roller Lever Actuator, 1,39 N [5 oz], Silver Contacts, Maximum Operating Force, 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	Roller Lever
Termination	Screw
Operating Temperature Range	-55 °C to 85 °C [-67 °F to 185 °F]
Voltage	125 Vac
Approvals	CE, CSA, UL

Actuator Length	49,53 mm [1.950 in]
Contact Type	Silver
Operating Force (O.F.)	1,39 N [5.0 oz] max.
Release Force (R.F.)	0,14 N [0.5 oz] min.
Overtravel (O.T.)	1,52 mm [0.060 in] min.
Differential Travel (D.T.)	1,27 mm [0.050 in] max.
Operating Position (O.P.)	28,6 mm \pm 0,76 mm [1.125 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	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]
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

CATALOG LISTING

BZ - 2RL2 - A2

SWITCH - BASIC

BZ-2RL2-A2
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M

DRAWING NUMBER

6

ISSUE

REPLACES

RELEASE NO.

CHECK

REVISIONS

A	CO17410	G C H	27 APR 63
B	CO-73297-B	D H D	17 MAY 93
C	CO-75204B	K D R	1 FEB 94
D	CO-77589	K D R	29 MAR 94
E	CO93346		

DLT 9 SEP 98

22 MAY 63

L.S.D

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.37 DIA X .15 WIDE SINTERED STAINLESS STEEL ROLLER

1.250 MAX FREE POSITION

1.125±.030 OPERATING POSITION

1.812±.030

.140^{+.002}/_{-.001} DIA HOLE

.140^{+.002}/_{-.001}

.172 DIA

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

.58

.21

.36

1.000

.47

1.94

.687±.010

.78

.80

.17

NOTES

△ MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .139 MAX DIA ON 1.000±.002 CENTERS

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CHARACTERISTICS

OPERATING FORCE ----- 5 OZ MAX

RELEASE FORCE ----- 1/2 OZ MIN

DIFFERENTIAL TRAVEL ----- .050 MAX

DO NOT OVERTRAVEL MORE THAN ----- .060

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T

UNDERWRITERS' LAB. INC. LISTED RATING

-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-
-L299-
-L306-



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 .073 LB

FORMTEK

FO-50376

DRAWN

G C H 27 APRIL 63