



BZV6-2RN2



Enclosed Switches Series V6: Top Roller Arm Actuator, Adjustable with Steel Roller; 1NC 1NO SPDT Snap Action; 0.5 in - 14NPT conduit

Actual product appearance may vary.

Features

- Side or flange mount
- Momentary or maintained contact
- Grounding screw
- High capacity (22 amp) available
- Temperature range -32 °C to +71 °C [-25 °F to +160 °F]
- Zinc Die-Cast housing NEMA 1
- UL Recognized, file #E12252
- CSA Certified, file #LR41372
- NEMA 1, 3, 4 /IP66
- Pre-leaded or connector termination options

Potential Applications

- Packaging equipment
- Special machinery
- Textile machinery
- Conveyors
- Construction machinery and equipment
- Printing trades machinery
- Overhead cranes and hoists

Description

MICRO SWITCH™ E6 (side mount) and V6 (flange mount) switches are offered with or without actuator seal boots. Both have a combination insulator/seal cemented inside the bottom enclosure. Lead washers are used to seal the mounting holes on side mount switches. All side mount switches are installed with #6 screws, except the BZE6-2RN7 (#8 screws). Removal of the bottom enclosure exposes the terminals for easy wiring.

Product Specifications	
Availability	Global
Operating Force (O.F.)	2,78 N to 5,56 N [10 oz to 20 oz]
Release Force (R.F.)	1,67 N min. [6 oz min.]
Pretravel (P.T.)	4,78 mm max. [0.188 in max.]
Overtravel (O.T.)	5,56 mm min. [0.219 in min.]
Differential Travel (D.T.)	0,15 mm max. [0.006 in max.]
Product Type	Enclosed Switches
Actuator	Top Roller Arm
Lever Style	Roller - Adjustable
Circuitry	1NC 1NO SPDT Snap Action
Ampere Rating	15 A Ind./2 A Ind./0.5 A Res./0.25 A Res.
Supply Voltage	125 Vac, 250 Vac, 480 Vac/600 Vac/125 Vdc/250 Vdc
Housing Material	Zinc Die-Cast
Termination Type	0.5 in - 14NPT conduit
Housing Type	Split Housing, Flange Mount
Series Name	E6/V6
Sealing	NEMA 1, 3, 4 /IP66
Approvals	UL recognized, CSA certified
CSA File #	LR41372
UL File #	E12252
Operating Temperature Range	-32 °C to 71 °C [-25 °F to 160 °F]
Comment	With seal boot on plunger; Lever field adjustable 360° horizontally and 225° vertically
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays
Sealed	Industrial

MICRO SWITCH
a Honeywell Division

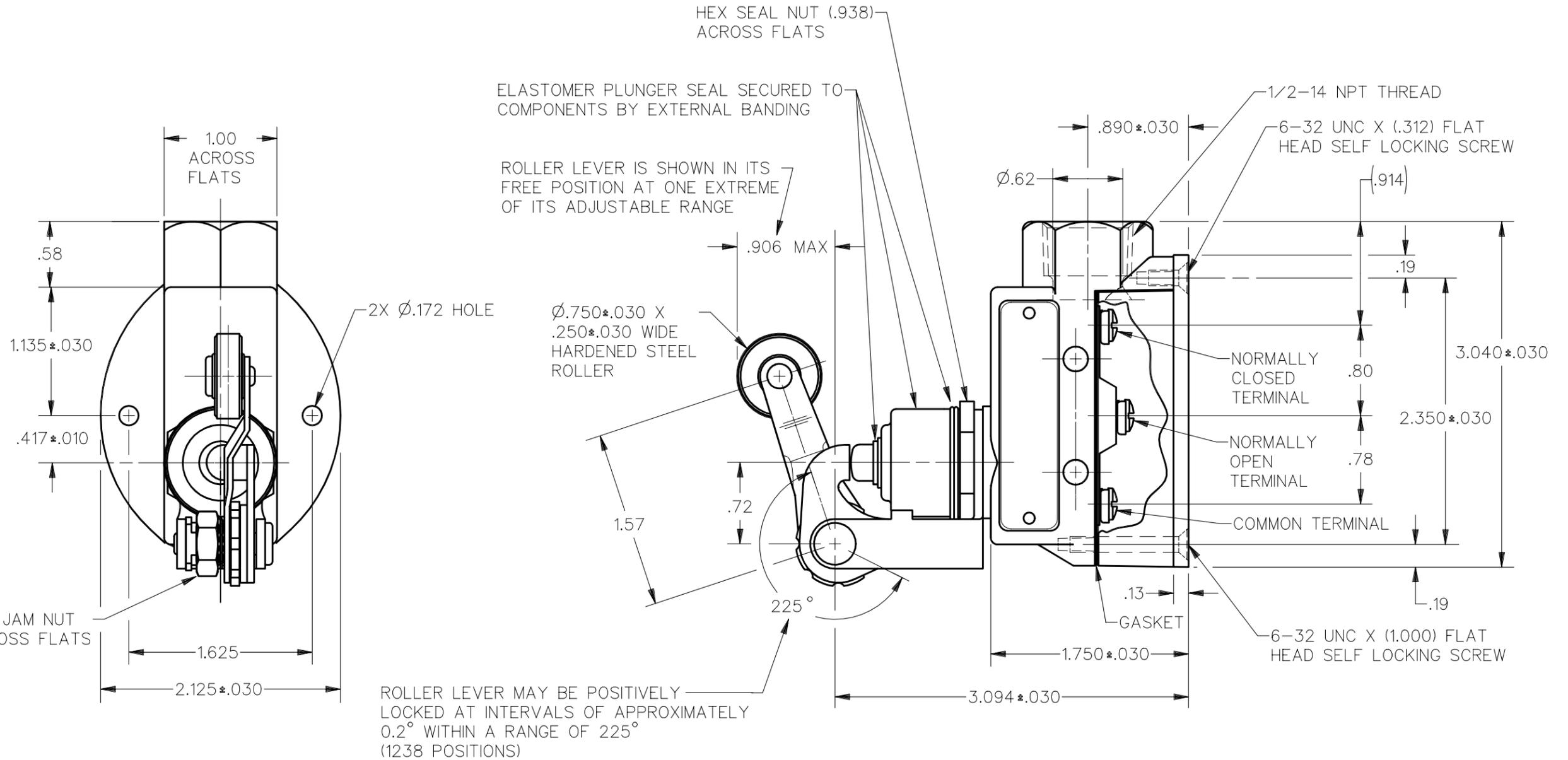
SWITCH - ENCLOSED

CATALOG LISTING
BZV6-2RN2

FED. MFG. CODE 91929

CATALOG LISTING
BZV6-2RN2
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 ISSUE **M** 11
 REVISIONS
 A CO-73736 SAV 7 OCT 92
 B CO-73655 TSM 22 OCT 93
 C CO-77179-C JJO 12 MAR 94
 D CO81513B JAK 11 MAR 97
 CHECK
 SAV 7 OCT 92
 DDM/CAD
 DRAWN

RELEASE NO. SR-7227 REPLACES
 CHECK
 CHECK
 CHECK



NOTE
 1 - ROLLER LEVER BRACKET ASSEMBLY MAY BE SET AT ANY POSITION AROUND AXIS OF PLUNGER
 2 - 3X 6-32 UNC X (.219) BINDING HEAD TERMINAL SCREW AND CUPWASHER

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CHARACTERISTICS	ELECTRICAL DATA	SCALE FULL
OPERATING FORCE ———— 10-20 OZ	CONTACT ARRANGEMENT S P D T	DO NOT SCALE PRINT
RELEASE FORCE ———— 6 OZ MIN	L74 15A 125, <u>250</u> OR 480 VAC 2A 600 VAC 1/8HP 125 VAC, 1/4HP <u>250</u> VAC 1/2A 125 VDC, 1/4A <u>250</u> VDC	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
PRETRAVEL ———— .188 MAX		ONE PLACE (.0) ±.030
DIFFERENTIAL TRAVEL ———— .006 MAX		TWO PLACE (.00) ±.015
OVERTRAVEL ———— .219 MIN		THREE PLACE (.000) ±.005
BASIC SWITCH REPLACEMENT—BZ-2RN702		ANGLES ±
		WEIGHT .76 LB

ANSI Y14.5M-1982 APPLIES