



BZE6-2RN28



Enclosed Switches Series E6: Top Roller Arm Actuator, One-way, 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.)	2,22 N to 5,56 N [8 oz to 20 oz]
Release Force (R.F.)	1,67 N min. [6 oz min.]
Pretravel (P.T.)	5,94 mm max. [0.234 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 - One-way, 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, Side 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 180° vertically
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays
Sealed	Industrial

MICRO SWITCH
 FREEPORT, ILLINOIS, U.S.A.
 A DIVISION OF HONEYWELL
 FED. MFG. CODE 91928

SWITCH - ENCLOSED

CATALOG LISTING
BZE6-2RN28

M

BZE6-2RN28

REPLACES

RELEASE NO. 22NOV05

DRAWING NUMBER 11

ISSUE 11

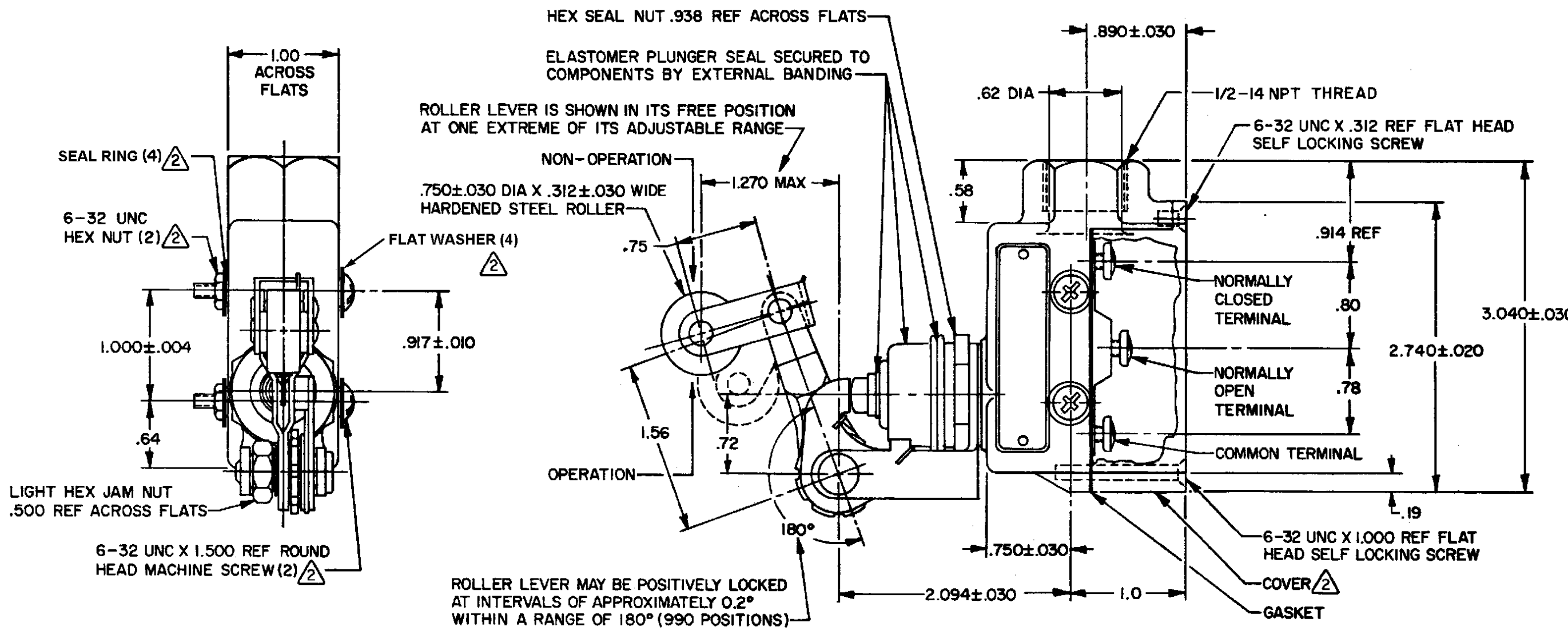
BP

CHECK

REVISIONS

A	CO-38200	26 AUG 77
B	S L B	26 AUG 77
C	TSR	13 APR 84
D	J A P	8 NOV 84
E	CO54958	7 JAN 85
F	CO72476	4 SEP 92
G	CO-77179A	17 FEB 94
H	K D R	0017057
I	VKR	22NOV05

DRAWN S L B



ROLLER LEVER MAY BE POSITIVELY LOCKED AT INTERVALS OF APPROXIMATELY 0.2° WITHIN A RANGE OF 180° (990 POSITIONS)

NOTES-

- ① - 6-32 UNC X .219 REF BINDING HEAD TERMINAL SCREW AND CUPWASHER (3) FURNISHED UNASSEMBLED
- ② - ROLLER LEVER BRACKET ASSEMBLY MAY BE SET AT ANY POSITION AROUND AXIS OF PLUNGER
- ④ - SEAL RATING: NEMA 1,3
IP54

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CHARACTERISTICS	ELECTRICAL DATA	SCALE FULL
OPERATING FORCE-----8-20 OZ	CONTACT ARRANGEMENT S P D T	DO NOT SCALE PRINT
RELEASE FORCE-----6 OZ MIN	15A-125, 250 OR 480 VAC, 2A-600 VAC 1/8 HP-125 VAC; 1/4 HP-250 VAC 1/2A-125 VDC; 1/4A-250 VDC CODE L74 Ⓢ Ⓡ CE 1.5A, 240 Vac	UNLESS OTHERWISE NOTED
PRETRAVEL-----.234 MAX		DIMENSIONS ARE IN INCHES
DIFFERENTIAL TRAVEL-----.006 MAX		TOLERANCES ARE:
OVERTRAVEL-----.219 MIN		ONE PLACE (.01) ±.030 TWO PLACE (.00) ±.015 THREE PLACE (.000) ±.008 ANGLES ±
BASIC SWITCH REPLACEMENT--- BZ-2RN702		WEIGHT .71 LB