



### DTF2-2RN2-RH



**Enclosed Switches Series BAF/DTF:  
Top Roller Arm Actuator, Adjustable  
with Steel Roller; 2NC 2NO DPDT Snap  
Action; Actuator Position - Right**

*Actual product appearance may vary.*

#### Features

- Up to 20 ampere capacity
- Cast aluminum housing with three-hole mounting
- Right or left-handed (sealed or unsealed) actuators
- Cover seal, captive cover screws
- Momentary or maintained contact
- UL recognized, file #E12252
- CSA certified, file #LR41372
- Sealed to NEMA 1, 3, 4 and 13 requirements
- Grounding screw

#### Potential Applications

- Packaging equipment
- Special machinery
- Agricultural machinery
- Conveyors
- Overhead cranes and hoists

#### Description

The elastomer boot on sealed actuator versions protects the actuating mechanism and the internal basic switch from contaminants. There is a seal gasket between the cover plate and the enclosures on all versions. The cover plate is removed for ease of wiring and switch replacement without demounting the switch. The actuator position is designated "right" or "left," when looking at the nameplate.

#### Product Specifications

Availability	Global
Operating Force (O.F.)	11,1 N max. [2.5 lbs max.]
Release Force (R.F.)	0,56 N min. [2 oz. min]
Pretravel (P.T.)	7,93 mm max. [.312 in max.]
Overtravel (O.T.)	5,56 mm min. [0.219 in min.]
Differential Travel (D.T.)	3,05 mm max. [.120 in max.]
Product Type	Enclosed Switches
Actuator	Top Roller Arm
Lever Style	Roller - Adjustable

Circuitry	2 NC 2 NO DPDT Snap Action
Ampere Rating	10 A Ind./0.3 A Res./0.15 A Res.
Supply Voltage	125 Vac, 250 Vac/125 Vdc/250 Vdc
Housing Material	Aluminum Die-Cast
Termination Type	0.5 in - 14NPT conduit
Series Name	BAF/DTF
Sealing	NEMA 1, 3, 4, and 13
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; Right-hand actuator position
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays
Sealed	Industrial

**MICRO SWITCH**  
a Honeywell Division

SWITCH — ENCLOSED

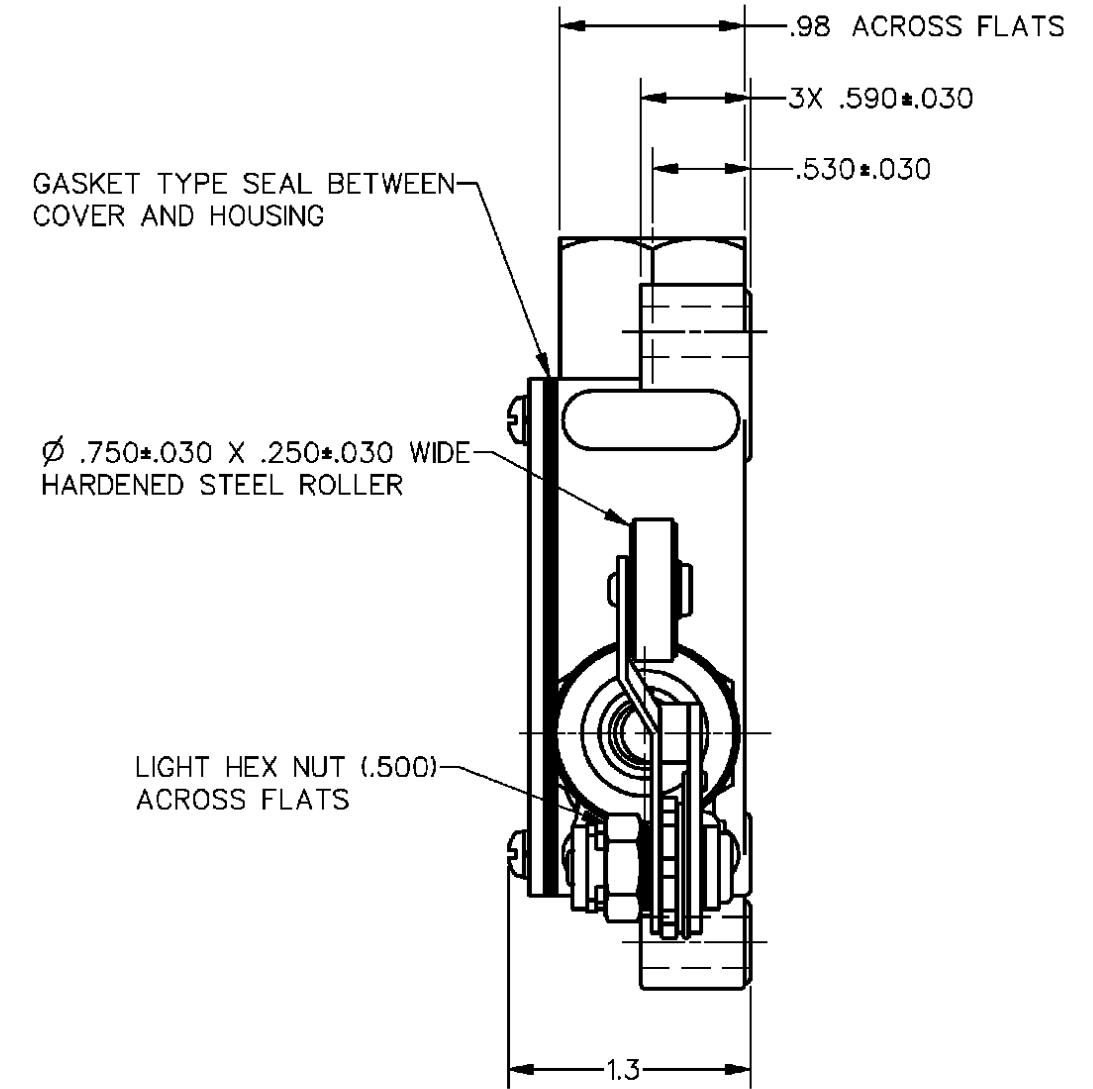
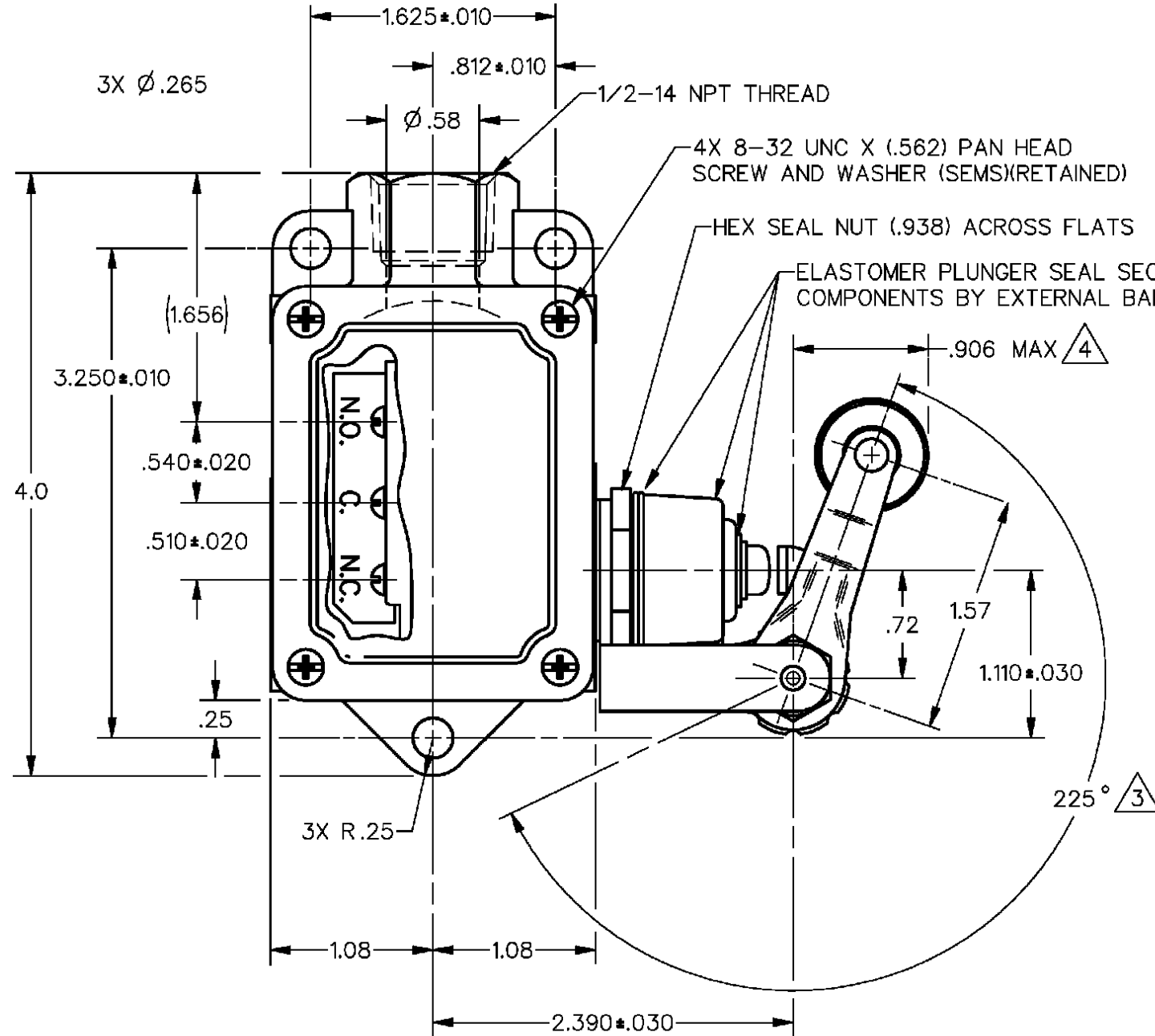
CATALOG LISTING  
DTF2-2RN2-RH

FED. MFG. CODE 91929

CATALOG LISTING  
DTF2-2RN2-RH  
REPLACES  
RELEASE NO.  
ISSUE  
M  
15

REVISIONS  
A C073751  
MAM  
22 OCT 92  
B 77179-6  
JJO  
12 MAR 94  
C C081513E  
JAK  
11 MAR 97  
D 0018962  
VWR  
14FEB06

DDM/CAD  
DRAWN  
MAM 22OCT92  
CHECK  
WLS 22OCT92  
CHECK  
BP 14FEB06  
CHECK



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CHARACTERISTICS	ELECTRICAL DATA
OPERATING FORCE ——— 2 1/2 LBS MAX	CONTACT ARRANGEMENT D P D T
RELEASE FORCE ——— 2 OZ MIN	L59 10A 125 OR 250 VAC
PRETRAVEL ——— .312 MAX	0.3A 125 VDC, 0.15A 250 VDC
DIFFERENTIAL TRAVEL ——— .120 MAX	
OVERTRAVEL ——— .219 MIN	
BASIC SWITCH REPLACEMENT ———	
————— DT-2R3-A7	

THIRD ANGLE PROJECTION	
SCALE	FULL
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
ONE PLACE	(.0) $\pm .030$
TWO PLACE	(.00) $\pm .015$
THREE PLACE	(.000) $\pm .005$
ANGLES	$\pm$
WEIGHT	.670 LB

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TWO PLACE (.00)  $\pm .015$

THREE PLACE (.000)  $\pm .005$

ANGLES  $\pm$

WEIGHT .670 LB

- NOTES
- 1 - ROLLER LEVER BRACKET ASSEMBLY MAY BE SET IN ANY POSITION AROUND AXIS OF PLUNGER
  - 2 - 4-40 UNC X (.125) ROUND HEAD TERMINAL SCREWS AND LOCKWASHERS
  - $\triangle 3$  ROLLER LEVER MAY BE POSITIVELY LOCKED AT INTERVALS OF 0.2° WITHIN A RANGE OF 225° (1238 POSITIONS)
  - $\triangle 4$  ROLLER LEVER IS SHOWN IN ITS FREE POSITION AT ONE EXTREME OF ITS ADJUSTABLE RANGE

ANSI Y14.5M-1982 APPLIES