

# Door Limit Switches



NEMA1 to NEMA9 Models

atmosphere is everything

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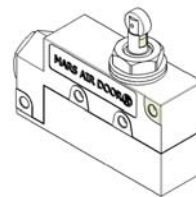
## Door Limit Switches

| Door Switch Number | Description                              | Voltage | Phase | HP  | Amperage | Poles | NEMA Rating |
|--------------------|--|---------|-------|-----|----------|-------|-------------|
| 99-012             | Standard Combination Plunger Type        | 250V    | 1     | 1   | 20       | 1     | NEMA 1      |
| 99-013             | Standard Roller Type                     | 250V    | 1     | 1   | 20       | 1     | NEMA 2      |
| 99-014             | Standard Combination Plunger/Roller Type | 250V    | 1     | 1   | 20       | 1     | NEMA 3      |
| 99-015             | Washdown Roller Type                     | 250V    | 1     | 3/4 | 20       | 1     | NEMA 4X     |
| 99-267             | Washdown Roller Type                     | 250V    | 1     | 1/2 | 10       | 1     | NEMA 4X     |
| 99-016             | Explosion Resistant 1 Roller Type        | 250V    | 1     | 3/4 | 20       | 1     | NEMA 7 & 9  |

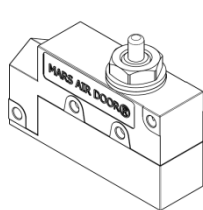
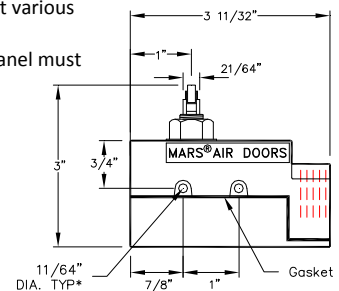
### Features:

- ❖ UR (UL Recognized) and rated for NEMA 1 (field installed by others)
- ❖ Combination plunger/Roller (99-014), Plunger (99-012) & Roller Type (99-013) door limit switches available to suit various applications
- ❖ Only available for 115V, 208V or 230V, 1Ø power (If any of the ratings are exceeded, an optional motor control panel must be used)
- ❖ Maximum ratings of 1 HP, 250V and 20A
- ❖ Single pole terminal (1P) normally closed (NC) and normally opened (NO) contact. Only the NC terminals are used and provided with terminal screws
- ❖ Used when automatic control of an air curtain(s) is required
- ❖ Turns the air curtain on when the door opens and off when the door closes
- ❖ Requires less than 1/8" of travel or 2 lbs. of force on the switch plunger to energize and de-energize the air curtain
- ❖ 1/2" FPT conduit connection (field wired by others)
- ❖ (2) 11/64" mounting holes provided\*

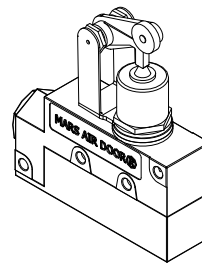
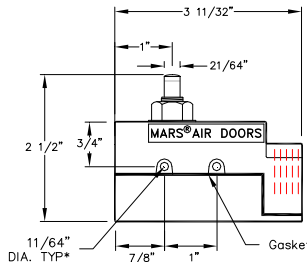
\*Do not use a fastener larger than a #6 sheet metal screw or a #8 Machine screw to mount this door limit switch. Forcing larger screws through the mounting holes destroys the switch and voids the warranty.



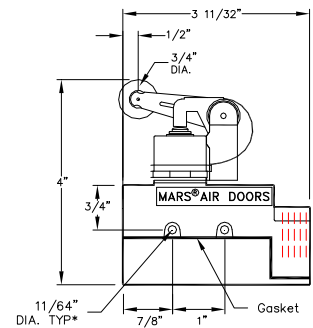
99-014 – Combination Plunger/Roller Type



99-012 - Plunger Type



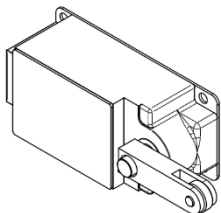
99-013 - Roller Type



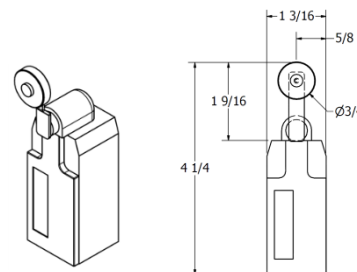
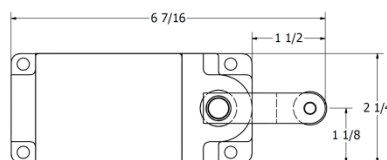
### Options and Accessories: (see Accessories Brochure)

#### Washdown

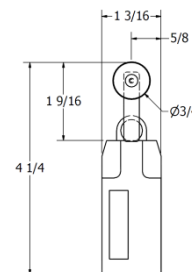
- ❖ UR (UL Recognized) and rated for NEMA4X/IP55 (field installed by others)
- ❖ Roller Type 99-267 are rated for 250V, 10A, 1/2 HP
- ❖ Roller Type 99-015 are rated for 250V, 20A, 3/4 HP



99-015 – Washdown Roller Type

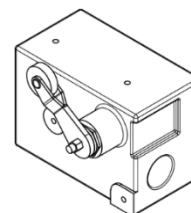


99-267 – Washdown Roller Type

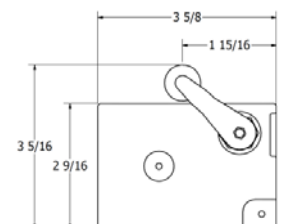


#### Explosion Resistant

- ❖ UR (UL Recognized) and rated for NEMA 7 & 9 (Class 1, Division 1, Group D) (field installed by others)
- ❖ Roller Types 99-016 are rated for 250V, 20A, 3/4 HP



99-016 – Explosion Resistant Roller Type



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