


**Rees, Inc.**

405 S Reed Rd Fremont, IN 46737

Phone: 260.495.9811

Fax: 260.495.2186

 Email: [sales@reesinc.com](mailto:sales@reesinc.com)

 Website: [www.reesinc.com](http://www.reesinc.com)

## ITEM # 02182-002, 2.25 INCH MUSHROOM PLUNGER WITH SPRING LATCH

### Features/Applications

The following switch is a hand operated, spring latched, control circuit device, rated 'Heavy Duty' normally for use with electromagnetic equipment. The yellow cover, painted with a dry powder paint, is made from die-cast zinc. The red mushroom plastic plunger is molded from DuPont Delrin 100ST Acetal for improved impact resistance and is solid color throughout.

- Gold plated contacts eliminate high resistance tarnishing
- Plated steel latch plate has a 0.31" hole for insertion of a padlock
- Complies with IEC/EN 60947-5-5 for Emergency Stop Applications
- Nema 12/13, IP 65

Each captive terminal will accept (2) #14 AWG stranded wires. Each switch is supplied with all mounting hardware and a solid santoprene rubber gasket which provides an oil tight seal upon installation. The mechanical life of this device is 500,000 operations.

This switch can be found in a variety of uses on industrial machines. Presses and press brakes use them as "STOP" buttons.

**WARNING: USER MUST VERIFY COMPATIBILITY OF ANY LOCKING DEVICE USED WITH THIS SWITCH**

### Electrical Ratings

"HEAVY DUTY – A600 / N300"

List Price

**\$267.60**

Listed under UL 508 – File # E 58589  
 Certified under CSA C22.2 – File # LR 3648  
 CE Compliant IEC/EN 60947-5-5  
 Third party certified under DEMKO File # FI-17205

### Environmental Temperature Range

Operating: +32°F to +131°F (0°C to +55°C)

Storage: -40°F to +185°F (-40°C to +85°C)

Note: Operating temperatures at 0°C are based on the absence of freezing moisture and liquids.

Normal Potential	Normal Current	Inrush Current
110-120 ac <sup>a</sup> volts	6.0 amp.	60.0 amp.
220-240 ac <sup>a</sup>	3.0 amp.	30.0 amp.
440-480 ac <sup>a</sup>	1.5 amp.	15.0 amp.
550-600 ac <sup>a</sup>	1.2 amp.	12.0 amp.
115-125 dc <sup>b</sup>	2.2 amp.	-----
230-250 dc <sup>b</sup>	1.1 amp.	-----

<sup>a</sup> Power factor 0.35 or less

<sup>b</sup> Inductive loads as specified in Section 125 of Industrial Control Devices, Controllers and Assemblies, ANSI / NEMA ICS 2-1988

### WARNING - DANGER

These products should only be used where point-of-operation guarding devices have been properly installed & maintained so that appropriate OSHA and ANSI B11.1 regulations & standards are met. Misapplication of the products on machinery lacking effective point-of operation safeguards can cause serious injury to the operator of that machinery.

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### AVERTISSEMENT - DANGER

Ces produit doivent seulement être utilisés sur des postes à risque correctement sécurisés et entretenus afin d'être conforme aux standards et réglementations en vigueur (CSA, CLC). Un mauvais usage de ces produits sur des

machines et des postes de travail non sécurisés de manière efficace peut causer des blessures graves au technicien maniant ces machines.



## SPECIFICATIONS

Plunger Color	Red
Cover Color	Yellow
Operating Force	12.5 lb
Lock Hole Diameter	0.31 in
Latch/Plunger Operation	Latches when depressed Operate latch to release
Positive Opening Contact	Yes 
Contact Arrangement	#09 NO + NC
Contact Type	Slow-Make Slow-Break
Approx. Shipping Weight	1.65 lb
Old Catalog Number	664
Switches comply with	IEC/EN 60947-5-5 for Emergency Stop Applications