



TEL (915) 590-8500  
FAX (915) 590-8510

6.25"

8.75"

**Cat. No. HLN428N**      **Fusible Heavy Duty Safety Switch**      **Type VB II**  
**1200 Amps Maximum**      **240 Volts AC (V~) Maximum**      **250 Volts DC (V-) Maximum**  
**NEMA Type 1**      **Indoor**      **Suitable for use as Service Equipment**

Horsepower Ratings	240 VAC <sup>1</sup> 1Ø	240 VAC 3Ø	250 VDC <sup>1</sup>
Std. HP (Std. Fuse) <sup>4</sup>	—	100 <sup>7</sup>	50
Max. HP (Time Delay)	—	250 <sup>7</sup>	—

Continuous load current not to exceed 80% of the rating of fuses employed in other than motor circuits.

**Fuse and Short Circuit Information**

When used with Class L fuses or Class T fuses with Class T fuse kit **HX328TF** properly installed, this switch is suitable for use on a circuit capable of delivering not more than 200,000 amperes, RMS symmetrical, **240** volts, maximum.

**Danger** – Unless class L or T fuses are used, this switch may present a risk of fire and injury to persons if installed on circuits capable of delivering more than 10,000 amperes, RMS symmetrical.

When used with fuses marked with DC ratings, this switch is suitable for use on a circuit capable of delivering not more than the DC interrupting rating marked on the fuse, at the DC voltage rating marked on the fuse, up to a maximum of 10,000 amperes, **250** volts DC.

**Danger** – Unless fuses marked for an interrupting rating of 10,000 amperes at **250** volts DC are used, this switch may present a risk of fire and injury to persons if installed on circuits capable of delivering more than 10,000 amperes.

**Renewable link fuses are not recommended**



**⚠ DANGER**

**Hazardous voltage.  
Will cause death or serious injury.**

- Disconnect and lock out power supplying this switch before working on this switch.
- Turn off switch before removing or installing fuses if so equipped.
- Always use a properly rated voltage sensing device on all fuse clips (Fusible) or all load side terminals (Non-Fusible) to confirm switch is off.
- Close or replace cover before turning power on.

**Torque Fuse Mounting screws to 480 lb-ins.**

**Terminal & Wire Information**      **USE 75°C COPPER OR ALUMINUM WIRE**

Terminal & Wire Information			
Description	Wire Range	Wire Tightening Torque <sup>5</sup>	Lug Mounting Torque <sup>5</sup>
Line, Load & Main Neutral	(4) 1/0 AWG-750 kcmil (8) 1/0 AWG-250 kcmil	500 lb-ins.	80 lb-ins. 240 lb-ins. (Neutral 3/8-16 Bolt)
Service Ground	(2) 6 AWG-300 kcmil	275 lb-ins.	80 lb-ins.

Inspection record number:

**Accessories**

Aux. Switch (1NO - 1NC)	HA165678M	Neutral	HN678M	Class T Fuse Kit	HX328TF
Aux. Switch (2NO - 2NC)	HA265678M	Ground Lug Kit (Wire Range (4) 6 AWG-300 kcmil)	HG678M	Hub Kits	

**Replacement Parts**

Line Base	HFB68	Wire Grip Kit (AL)	HL65678	Handle / Handle Guard	HH68
Load Base	HBB68	Mechanism	HM678	Door	

Protected by one or more of the following US Patents: 6,388,215.

<sup>1</sup> Use outer two poles.

<sup>4</sup> The starting current of motors more than the standard horsepower or kilowatt ratings may require the use of fuses with appropriate time delay characteristics.

<sup>5</sup> When tightening or replacing connectors, refer to lug mounting torque in Terminal & Wire Information Table.

<sup>7</sup> Not for use as a motor controller over 74.6 kW (100 hp).

**Murray Electrical Products**  
 Siemens Energy & Automation, Inc.  
 Bellefontaine, OH 43311 U.S.A.  
<http://www.murrayelectrical.com>  
 Made in USA

Pc. No. 508067D03  
0609



RCR .125"  
X4

COMPANY NAME

**SIEMENS E&A**

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MATERIAL

**SEMI-GLOSS**

INK COLORS

BLACK

185 RED

SIZE

WIDTH

**6.25"**

LENGTH

**8.75"**

ROUND CORNER RADIUS

**.125"**

OK TO PRINT AS IS

MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF

OK TO PRINT WITH CORRECTIONS AS MARKED

PART NO.

**508067D03**

DESCRIPTION:

AUTHORIZED BY

DATE

REVISION LEVEL **29P**

DESIGNER

**Gibran Camacho**

CHECKED BY

DATE

**06/03/09**