



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

6.25"

8.75"

**Cat. No. HLN427N ( MOD A ) Fusible Heavy Duty Safety Switch Type VB II**  
**800 Amps Maximum 240 Volts AC (V~) Maximum 250 Volts DC (V<sub>DC</sub>) Maximum**  
**Type 1 Indoor Suitable for use as Service Equipment**

| Horsepower Ratings               | 240 VAC <sup>1</sup><br>1Ø | 240 VAC<br>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**

NOTE: For use with Class T fuses, move load bases up to pre-drilled holes.

When used with Class L fuses or Class T fuses with the load bases relocated to the T fuse position, 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

|  |  |
|--|--|
|  | <b>⚠ DANGER</b>  |
|  | <p><b>Hazardous voltage. Will cause death or serious injury.</b></p> <ul style="list-style-type: none"> <li>• Disconnect and lock out power supplying this switch before working on this switch.</li> <li>• Turn off switch before removing or installing fuses if so equipped.</li> <li>• 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.</li> <li>• Close or replace cover before turning power on.</li> </ul> |

Torque Fuse Clamp Mounting screws to 50 lb-ins.

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

| Description               | Wire Range                                     | Wire Tightening Torque <sup>5</sup> | Lug Mounting Torque <sup>5</sup>                |
|---------------------------|--|-------------------------------------|---|
| Line, Load & Main Neutral | (3) 1/0 AWG-750 kcmil<br>(6) 1/0 AWG-250 kcmil | 500 lb-ins.                         | 80 lb-ins.<br>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 |          |
| Aux. Switch (2NO - 2NC) | HA265678M | Ground Lug Kit (Wire Range (4) 6 AWG-300 kcmil) | HG678M | Hub Kits |

**Replacement Parts**

|           |        |                    |       |                       |         |
|-----------|--------|--------------------|-------|-----------------------|---------|
| Line Base | HFB67A | Wire Grip Kit (AL) | HL67A | Handle / Handle Guard | HH65678 |
| Load Base | HBB67A | Mechanism          | HM67A | 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).

For questions on this device please call 1-800-964-4114

**Murray Electrical Products**  
 Siemens Industry, Inc.  
 Norcross, GA 30092 USA  
<http://www.murrayelectrical.com>  
 Made in USA

Pc. No. 508067E04  
0112



RCR .125"  
X4

|   |  |  |   |  |  |                     |  |  |  |  |  |                                |  |  |
|---|--|--|---|--|--|---------------------|--|--|--|--|--|--------------------------------|--|--|
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|   |  |  | <b>INK COLORS</b>   |  |  | 6.25"               |  |  |  |  |  | LENGTH                         |  |  |
| BLACK 185 RED   |  |  | 8.75"   |  |  | ROUND CORNER RADIUS |  |  | <b>AUTHORIZED BY</b>   |  |  | <b>DATE</b>                    |  |  |
|   |  |  | .125"   |  |  |                     |  |  |  |  |  | <b>REVISION LEVEL 39P</b>      |  |  |
|   |  |  |   |  |  |                     |  |  |  |  |  | DESIGNER <b>Gibran Camacho</b> |  |  |
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|   |  |  |   |  |  |                     |  |  |  |  |  | DATE <b>01/25/12</b>           |  |  |