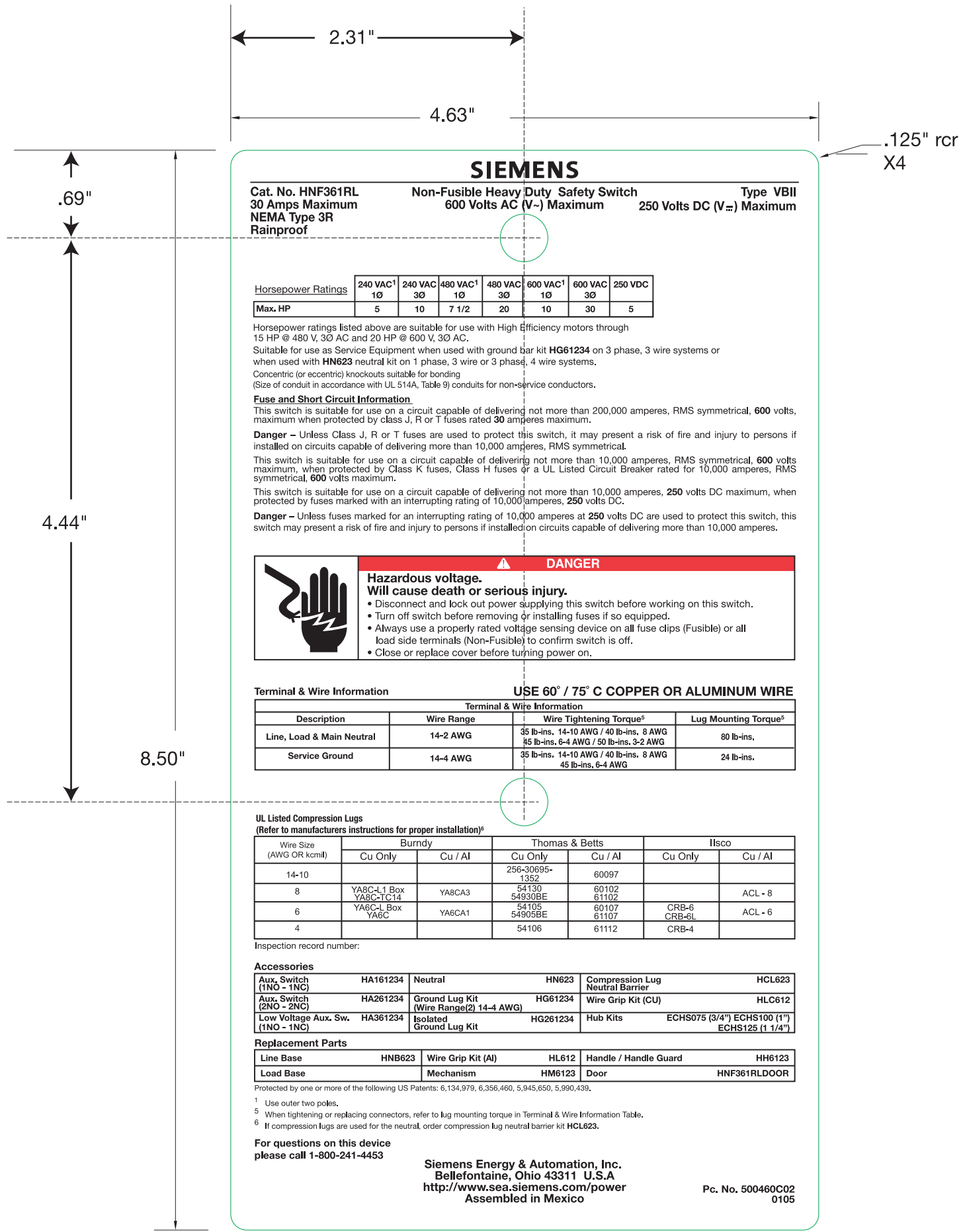


To: SIEMENS  
Attn:  
Fax:

NOTES:

1. SIZE: 4.63" X 8.50" rcr .125"
2. MATERIAL: Semi-Gloss Paper w/ Permanent Adhesive
3. INK COLOR: Black, PMS 185 Red



**SIEMENS**

**Cat. No. HNF361RL**      **Non-Fusible Heavy Duty Safety Switch**      **Type VBII**  
**30 Amps Maximum**      **600 Volts AC (V~) Maximum**      **250 Volts DC (V-) Maximum**  
**NEMA Type 3R**  
**Rainproof**

| Horsepower Ratings | 240 VAC <sup>1</sup><br>1Ø | 240 VAC <sup>1</sup><br>3Ø | 480 VAC <sup>1</sup><br>1Ø | 480 VAC <sup>1</sup><br>3Ø | 600 VAC <sup>1</sup><br>1Ø | 600 VAC <sup>1</sup><br>3Ø | 250 VDC |
|--------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------|
| Max. HP            | 5                          | 10                         | 7 1/2                      | 20                         | 10                         | 30                         | 5       |

Horsepower ratings listed above are suitable for use with High Efficiency motors through 15 HP @ 480 V, 3Ø AC and 20 HP @ 600 V, 3Ø AC.  
 Suitable for use as Service Equipment when used with ground bar kit **HG61234** on 3 phase, 3 wire systems or when used with **HN623** neutral kit on 1 phase, 3 wire or 3 phase, 4 wire systems.  
 Concentric (or eccentric) knockouts suitable for bonding  
 (Size of conduit in accordance with UL 514A, Table 9) conduits for non-service conductors.

**Fuse and Short Circuit Information**  
 This switch is suitable for use on a circuit capable of delivering not more than 200,000 amperes, RMS symmetrical, 600 volts, maximum when protected by class J, R or T fuses rated 30 amperes maximum.  
**Danger** – Unless Class J, R or T fuses are used to protect this switch, it may present a risk of fire and injury to persons if installed on circuits capable of delivering more than 10,000 amperes, RMS symmetrical.  
 This switch is suitable for use on a circuit capable of delivering not more than 10,000 amperes, RMS symmetrical, 600 volts maximum, when protected by Class K fuses, Class H fuses or a UL Listed Circuit Breaker rated for 10,000 amperes, RMS symmetrical, 600 volts maximum.  
 This switch is suitable for use on a circuit capable of delivering not more than 10,000 amperes, 250 volts DC maximum, when protected by fuses marked with an interrupting rating 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 to protect this switch, this switch may present a risk of fire and injury to persons if installed on circuits capable of delivering more than 10,000 amperes.

**⚠ 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.

**Terminal & Wire Information**      **USE 60° / 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 | 14-2 AWG   | 35 lb-ins, 14-10 AWG / 40 lb-ins, 8 AWG<br>45 lb-ins, 6-4 AWG / 50 lb-ins, 3-2 AWG | 80 lb-ins.                       |
| Service Ground            | 14-4 AWG   | 35 lb-ins, 14-10 AWG / 40 lb-ins, 8 AWG<br>45 lb-ins, 6-4 AWG                      | 24 lb-ins.                       |

**UL Listed Compression Lugs**  
 (Refer to manufacturers instructions for proper installation)<sup>6</sup>

| Wire Size<br>(AWG OR kcmil) | Burndy                   |         | Thomas & Betts   |                | Ilco            |         |
|-----------------------------|--------------------------|---------|------------------|----------------|-----------------|---------|
|                             | Cu Only                  | Cu / Al | Cu Only          | Cu / Al        | Cu Only         | Cu / Al |
| 14-10                       |                          |         | 256-30695-1352   | 60097          |                 |         |
| 8                           | YA8C-L1 Box<br>YA8C-TC14 | YA8CA3  | 54130<br>54930BE | 60102<br>61102 |                 | ACL - 8 |
| 6                           | YA6C-L Box<br>YA6C       | YA6CA1  | 54105<br>54905BE | 60107<br>61107 | CRB-6<br>CRB-6L | ACL - 6 |
| 4                           |                          |         | 54106            | 61112          | CRB-4           |         |

Inspection record number:

**Accessories**

|                                  |          |   |          |                                 |   |
|----------------------------------|----------|---|----------|---------------------------------|---|
| Aux. Switch (1NO - 1NC)          | HA161234 | Neutral                                 | HN623    | Compression Lug Neutral Barrier | HCL623  |
| Aux. Switch (2NO - 2NC)          | HA261234 | Ground Lug Kit (Wire Range(2) 14-4 AWG) | HG61234  | Wire Grip Kit (CU)              | HLC612  |
| Low Voltage Aux. Sw. (1NO - 1NC) | HA361234 | Isolated Ground Lug Kit                 | HG261234 | Hub Kits                        | ECHS075 (3/4") ECHS100 (1")<br>ECHS125 (1 1/4") |

**Replacement Parts**

|           |        |                    |        |                       |              |
|-----------|--------|--------------------|--------|-----------------------|--------------|
| Line Base | HNB623 | Wire Grip Kit (Al) | HL612  | Handle / Handle Guard | HH6123       |
| Load Base | HM6123 | Mechanism          | HM6123 | Door                  | HNF361RLDOOR |

Protected by one or more of the following US Patents: 6,134,979, 6,356,460, 5,945,650, 5,990,439.

<sup>1</sup> Use outer two poles.  
<sup>5</sup> When tightening or replacing connectors, refer to lug mounting torque in Terminal & Wire Information Table.  
<sup>6</sup> If compression lugs are used for the neutral, order compression lug neutral barrier kit **HCL623**.

**For questions on this device please call 1-800-241-4453**

**Siemens Energy & Automation, Inc.**  
 Bellefontaine, Ohio 43311 U.S.A  
<http://www.sea.siemens.com/power>  
 Assembled in Mexico

Pc. No. 500460C02  
0105

OK to print

OK to Print with corrections as marked

Make corrections, resubmit corrected proof

Job will not be printed unless approved by customer.

|             |       |                      |                 |                    |            |
|-------------|-------|----------------------|-----------------|--------------------|------------|
| Artwork By: | Date: | <b>AUTHORIZED BY</b> | <b>DATE</b>     | <b>PART NUMBER</b> | <b>REV</b> |
| Proofer:    | Date: |                      | <b>05/05/08</b> | <b>500460C02</b>   | <b>2P</b>  |