

To: SIEMENS
Attn:
Fax:

NOTES:

1. SIZE: 4.50" X 7.00" rcr .125"
2. MATERIAL: Semi-Gloss Paper
3. INK COLOR: Black and 185 Red

7.00"

4.50"

Cat. No. HHN421NW **Fusible Heavy Duty Safety Switch** **Type VB II**
30 Amps Maximum **240 Volts AC (V~) Maximum** **250 Volts DC(V---) Maximum**
NEMA Type 3R **Rainproof** **Suitable for use as Service Equipment**


| Horsepower Ratings | 240 VAC ¹ 1Ø | 240 VAC 3Ø | 250 VDC ¹ |
|----------------------------------|----------------------------|---------------|----------------------|
| Std. HP (Std. Fuse) ⁴ | 1½ | 3 | 5 |
| Max. HP (Time Delay) | 3 | 7½ | — |

Continuous load current not to exceed 80% of the rating of fuses employed in other than motor circuits. Horsepower ratings listed above are suitable for use with High Efficiency motors.

Fuse and Short Circuit Information

When used with Class K fuses, Class H fuses or a UL Listed Circuit Breaker rated for 10,000 amperes, RMS symmetrical, **240 volts maximum**, this switch is suitable for use on a circuit capable of delivering not more than 10,000 amperes, RMS symmetrical, **240 volts maximum**.
 When used with Class R fuses and Class R fuse clip kit **HR21M** 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 R 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.

Terminal & Wire Information USE 60°C / 75°C COPPER OR ALUMINUM WIRE

| Terminal & Wire Information | | | |
|-----------------------------|------------|---|----------------------------------|
| Description | Wire Range | Wire Tightening Torque ⁵ | Lug Mounting Torque ⁵ |
| Line, Load & Main Neutral | 14-6 AWG | 35 lb-ins. 14-10 AWG / 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG | 24 lb-ins. |
| Service Ground | 14-4 AWG | 35 lb-ins. 14-10 AWG / 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG | 24 lb-ins. |

Inspection record number:

Accessories

| | | | | | |
|-------------------------|-----------|--------------------------------------|----------|--|--|
| Aux. Switch (1NO - 1NC) | HA161234M | Neutral | HN612M | Class R Fuse Kit (Rejects Class H & K Fuses) | HR21M |
| Aux. Switch (2NO - 2NC) | HA261234M | Ground Lug Kit (Wire Range 14-4 AWG) | HG61234M | Hub Kits | ECHS075/HS075M (3/4") ECHS100/HS100M (1") |

Replacement Parts

| | | | | | |
|-----------|-------|--------------------|--------|-----------------------|--------|
| Line Base | HFB21 | Wire Grip Kit (AL) | HL612 | Handle / Handle Guard | HH6123 |
| Load Base | HBB21 | Mechanism | HM6123 | | |

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

¹ Use outer two poles.

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

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



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

Pc. No. 500245D07
1103



- OK to print
- OK to Print with corrections as marked
- Make corrections, resubmit corrected proof
- Job will not be printed unless approved by customer.

R .125"
X4

| Artwork By: | Date: | AUTHORIZED BY | DATE | PART NUMBER | REV |
|-------------|-------|---------------|----------|-------------|-----|
| Proofer: | Date: | | 01/11/08 | 500245D07 | 22P |