



11.375"

6.125"

.125" rcr
X4

| | | |
|-----------------|---|---------------------------|
| Cat. No. HNF462 | Non-Fusible 4 Pole Heavy Duty Safety Switch | Type VB II |
| 60 Amps Maximum | 600 Volts AC (V~) Maximum | 250 Volts DC (V-) Maximum |
| Type 1 | Indoor | |

| Horsepower Ratings | 240 VAC 1Ø | 240 VAC 2Ø | 240 VAC 3Ø | 480 VAC 1Ø | 480 VAC 2Ø | 480 VAC 3Ø | 600 VAC 1Ø | 600 VAC 2Ø | 600 VAC 3Ø | 250 VDC |
|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------|
| Max. HP | 10 | 20 | 20 | 20 | 40 | 50 | 25 | 50 | 60 | 10 |

Suitable for use as service equipment in the U.S.A. when neutral kit **HN623** or ground lug kit **HG61234** is installed.

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 **60** amperes maximum.

Danger – Unless Type NEB, NGB, NEG, NGG, ED4 or ED6 circuit breakers or 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 18,000 amperes, rms symmetrical up to 480 VAC, when protected by Type NEB, NGB, NEG, NGG, or ED4 circuit breakers rated **60** amperes maximum.

This switch is suitable for use on a circuit capable of delivering not more than 18,000 amperes, rms symmetrical, when protected by Type ED6 circuit breakers rated **60** amperes 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°C / 75°C COPPER OR ALUMINUM WIRE

| Description | Wire Range | Wire Tightening Torque ⁵ | Lug Mounting Torque ⁵ |
|---------------------------|------------|--|----------------------------------|
| Line, Load & Main Neutral | 14-2 AWG | 35 lb-ins. 14-10 AWG / 40 lb-ins. 8 AWG 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 45 lb-ins. 6-4 AWG | 24 lb-ins. |

UL Listed Compression Lugs (Refer to manufacturers instructions for proper installation)⁶

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

Inspection record number:

Accessories

| | | | | | |
|-------------------------------------|----------|---|---------|----------------------------|----------|
| Aux. Switch (1NO - 1NC) | HA161234 | Compression Lug Neutral Barrier | HCL623 | Isolated Ground Lug Kit | HG261234 |
| Aux. Switch (2NO - 2NC) | HA261234 | Neutral | HN623 | Wire Grip Kit (CU) | HLC612 |
| Low Voltage Aux. Sw. (1NO - 1NC) | HA361234 | Ground Lug Kit (Wire Range 14-4 AWG) | HG61234 | | |

Replacement Parts

| | | | | | |
|-----------|--------|--------------------|-------|-----------------------|------------|
| Line Base | HNB623 | Wire Grip Kit (AI) | HL612 | Handle / Handle Guard | HH461234 |
| Load Base | | Mechanism | | Door | HNH462DOOR |

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

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

⁶ 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 Industry, Inc.
Norcross, GA 30092 USA

<http://www.usa.siemens.com/powerdistribution>
Assembled in Mexico

Assembled in Mexico

Pc. No. 500448Y06
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| | Lamination: No | | LENGTH | | | | | | | | DESIGNER Joel Ortega | |
| | INK COLORS | | 11.375" | | ROUND CORNER RADIUS | | | | | | CHECKED BY | |
| | Black | | | | | | | | | | DATE 07/10/12 | |
| | Red 185 | | | | .125" | | | | | | | |