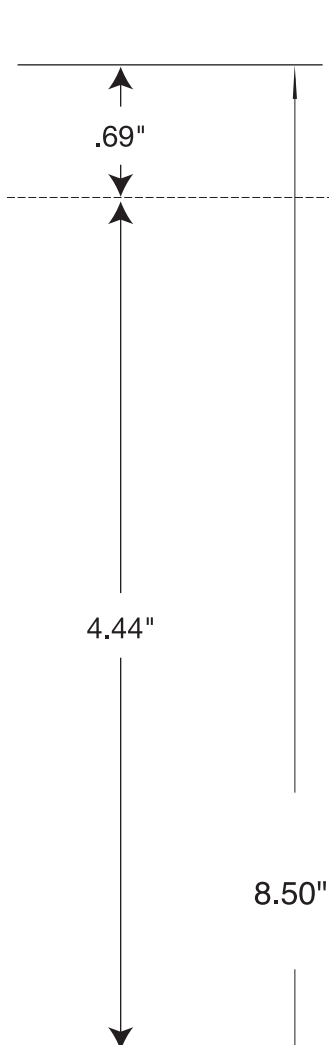




TEL (915) 590-8500
FAX (915) 590-8510



SIEMENS

Cat. No. HNF362 Non-Fusible Heavy Duty Safety Switch Type VB II
60 Amps Maximum 600 Volts AC (V~) Maximum 600 Volts DC (V---) Maximum
Type 1 Indoor

| Horsepower Ratings | 240 VAC ¹ 1Ø | 240 VAC 3Ø | 480 VAC ¹ 1Ø | 480 VAC 3Ø | 600 VAC ¹ 1Ø | 600 VAC 3Ø | 250 VDC ¹ | 600 ¹¹ VDC ¹ |
|--------------------|----------------------------|---------------|----------------------------|---------------|----------------------------|---------------|----------------------|------------------------------------|
| Max. HP | 10 | 20 | 20 | 50 | 25 | 60 | 10 | 30 |

Horsepower ratings listed above are suitable for use with High Efficiency motors.
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.

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, 600¹¹ volts DC maximum, when protected by fuses marked with an interrupting rating of 10,000 amperes, 600¹¹ volts DC.
Danger - Unless fuses marked for an interrupting rating of 10,000 amperes at 600¹¹ 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 |
|---------------------------|------------|--|---------|----------------------------------|
| | | Cu Only | Cu / Al | |
| 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)⁵

| Wire Size (AWG OR kcmil) | Burdry | | Thomas & Betts | | Ilisco | |
|-----------------------------|--------------------------|---------|------------------|----------------|-----------------|---------|
| | 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 | Neutral | HN623 | Wire Grip Kit (CU) | HLC612 |
| Aux. Switch (2NO - 2NC) | HA261234 | Ground Lug Kit (Wire Range 14-4 AWG) | HG61234 | Hub Kits | |
| Low Voltage Aux. Sw. (1NO - 1NC) | HA361234 | Isolated Ground Lug Kit | HG261234 | | |
| Compression Lug Neutral Barrier Kit | HCL623 | Fuse Puller (3 per kit) | | | |

| Replacement Parts | | | |
|-----------------------|------------|--------------------|--------|
| Line Base | HNB623 | Wire Grip Kit (AL) | HL612 |
| Handle / Handle Guard | HH6123 | Mechanism | HM6123 |
| Door | HNF362DOOR | | |

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.
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.
¹¹ 600 VDC ratings apply when wired per cover wiring diagram.

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
Pc. No. 502086G07 1103

R .125"
X4

| | | | | | | | | |
|---|------------------------------------|--|--|---|---|--------------------------------|---------------------------|--|
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| | | | | | | DATE 05/03/11 | | |