

SIEMENS

Cat. No. HNF361SW **Non-Fusible Heavy Duty Safety Switch** **Type VB II**
30 Amps Maximum **600 Volts AC(V~) Maximum** **250 Volts DC(V=) Maximum**
NEMA Type 4 / 4X **Watertight Stainless Steel**

| 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 |
|--------------------|----------------------------|---------------|----------------------------|---------------|----------------------------|---------------|----------------------|
| Max. HP | 5 | 10 | 7½ | 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 factory installed ground bar on 3 phase, 3 wire systems or when used with **HN612** 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 **30 amperes** maximum.


Danger – Unless Type NEB or NGB 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 or NGB circuit breakers rated **30 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 |
| | <p>Hazardous voltage. Will cause death or serious injury.</p> <ul style="list-style-type: none"> • 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 / 40lb-ins, 8 AWG 45 lb-ins, 6-4 AWG | 24 lb-ins. |
| Service Ground | 14-4 AWG | 35 lb-ins, 14-10 AWG / 40lb-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) | Burdny | | Thomas & Betts | | IIsco | |
|-----------------------------|---------------------------|---------|----------------|------------------------|---------------|--------------------|
| | Cu Only | Cu / Al | Cu Only | Cu / Al | Cu Only | Cu / Al |
| 14 - 10 | | | | | 60096 / 60097 | |
| 8 | YA8C-L Box YA8C-L1 Box | | 54104 54130 | 60101 / 60102 61102 | CRA-8 | ACL - 8 ACN - 8 |
| 6 | | | | 61107 | | |

Inspection record number:

Accessories

| | | | | | | | |
|-------------------------------------|----------|---|---------|---|----------|--------------------|------------------------------|
| Aux. Switch (1NO - 1NC) | HA161234 | Compression Lug Neutral Barrier Kit | HCL612 | Isolated Ground Lug Kit | HG261234 | Wire Grip Kit (CU) | HLC612 |
| Aux. Switch (2NO - 2NC) | HA261234 | Neutral | HN612 | Fuse Puller Kit (3 per kit) | | Hub Kits | SSH075 (3/4") SSH100 (1") |
| Low Voltage Aux. Sw. (1NO - 1NC) | HA361234 | Ground Lug Kit (Wire Range 14-4 AWG) | HG61234 | Class R Fuse Kit (Rejects Class H & K Fuses) | | | |

Replacement Parts

| | | | | | |
|-----------|--------|--------------------|---------|-----------------------|--------------|
| Line Base | HNB612 | Wire Grip Kit (AL) | HL612 | Handle / Handle Guard | HH6123S |
| Load Base | | Mechanism | HM6123S | Door | HNF361SWD00R |

Protected by one or more of the following US Patents: 5,914,460, 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 HCL612.

For questions on this device
please call 1-800-241-3138

Siemens Industry, Inc.
Norcross, GA 30092
<http://www.usa.siemens.com/powerdistribution>
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