



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

4.63"

# SIEMENS

**Cat. No. HF322NR**      **Fusible Heavy Duty Safety Switch**      **Type VB II**  
**60 Amps Maximum**      **240 Volts AC(V~) Maximum**      **250 Volts DC(V-) Maximum**  
**Type 3R**      **Rainproof**      **Suitable for use as Service Equipment**

Horsepower Ratings	240 VAC <sup>1</sup> 1Ø	240 VAC 3Ø	250 VDC <sup>1</sup>
Std. HP (Std. Fuse) <sup>4</sup>	3	7 1/2	10
Max. HP (Time Delay)	10	15	—

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 **HR612** 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**

Description	Terminal & Wire Information		
	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 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.

Inspection record number:

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

Wire Size (AWG OR kcmil)	Burdny		Thomas & Betts		IlSCO	
	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	

### Accessories

Aux. Switch (1NO - 1NC)	HA161234	Neutral	HN623	Class R Fuse Kit (Rejects Class H & K Fuses)	HR612
Aux. Switch (2NO - 2NC)	HA261234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234	Wire Grip Kit (CU)	HLC612
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Isolated Ground Lug Kit	HG261234	Hub Kits	ECHS075/HS075 (3/4") ECHS100/HS100 (1") ECHS125/HS125 (1 1/4")
Compression Lug Neutral Barrier Kit	HCL623	Fuse Puller (3 per kit)	HP62		

### Replacement Parts

Line Base	HFB22	Wire Grip Kit (AL)	HL612	Handle / Handle Guard	HH6123
Load Base	HBB22	Mechanism	HM6123	Door	HF322NRDOOR

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

<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 Industry, Inc.  
Norcross, GA 30092 USA

Pc. No. 502086D07  
1103

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

↑ .69"  
↓

4.44"

8.50"

R .125"  
X4

COMPANY NAME	MATERIAL	SIZE	JOB WILL NOT BE PRINTED UNLESS APPROVED BY CUSTOMER.		PART NO.
Siemens Industry, Inc.	Synthetic Paper	WIDTH	<input type="checkbox"/> OK TO PRINT AS IS	<input type="checkbox"/> MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF	<b>502086D07</b>
	INK COLORS	4.63"	<input type="checkbox"/> OK TO PRINT WITH CORRECTIONS AS MARKED		DESCRIPTION: <b>Label</b>
	BLACK 185 RED	LENGTH			<b>REVISION LEVEL 38P</b>
		8.50"	<b>AUTHORIZED BY</b>	<b>DATE</b>	DESIGNER <b>Gibran Camacho</b>
	CORNER RADIUS	.125"		CHECKED BY	DATE <b>07/08/11</b>

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