



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

4.00"

SIEMENS

Cat. No. HNF362X Non-Fusible Heavy Duty Safety Switch Type VB II
60 Amps Maximum 600 Volts AC (V~) Maximum 600¹¹ Volts DC (V---) Maximum
Type 4 / 4X Watertight

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
Max. HP	10	20	20	50	25	60	10	30

Suitable for use as Service Equipment when used with factory installed ground bar on 3 phase, 3 wire systems or when used with HNF623 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, 600 volts DC maximum, when protected by fuses marked with an interrupting rating of 10,000 amperes, 600 volts DC.

Danger – Unless fuses marked for an interrupting rating of 10,000 amperes at 600 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.

6.00"

8.00"

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	14-3 AWG	35 lb.-ins. 14-10 AWG / 40 lb.-ins. 8 AWG 45 lb.-ins. 6-4 AWG / 50 lb.-ins. 3 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:

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 SSH075 (3/4") SSH100 (1") SSH125 (1 1/4")	
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Isolated Ground Lug Kit	HG261234	Compression Lug Neutral Barrier Kit	HCL623

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 Pc. No. 502086AT05
<http://www.usa.siemens.com/powerdistribution> 1103
 Assembled in Mexico

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

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

Replacement Parts

Line Base	HNB623	Wire Grip Kit (AL)	HL612	Mechanism	HM6123S
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R .125"
X4

COMPANY NAME	MATERIAL	SIZE	JOB WILL NOT BE PRINTED UNLESS APPROVED BY CUSTOMER.		PART NO.
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		4.00"			
	INK COLORS	LENGTH	<input type="checkbox"/> OK TO PRINT WITH CORRECTIONS AS MARKED		DESCRIPTION:
	BLACK 185 RED	8.00"			Label
		CORNER RADIUS	AUTHORIZED BY		REVISION LEVEL 38P
		.125"	DATE		DESIGNER Joel Ortega
					CHECKED BY
					DATE 09/23/11