



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

Reference Files Used:

- 51010xls rev 39P
- 500446 rev 8P
- 500444 rev 4P
- 500443 rev 13P
- 500445 rev 2P
- 500440 rev 4P

7.44"

4.63"

SIEMENS

Cat. No. HNF361 Non-Fusible Heavy Duty Safety Switch Type VB II
30 Amps Maximum 600 Volts AC (V~) Maximum 250 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
Max. HP	5	10	7½	20	10	30	5

Suitable for use as Service Equipment when used with ground bar kit HG61234 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

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	(1) 14-6 AWG (2) 14-10 AWG	35 lb-ins, 14-10 AWG / 40 lb-ins, 8 AWG 45 lb-ins, 6-4 AWG	24 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)	Burdndy		Thomas & Betts		IlSCO	
	Cu Only	Cu / Al	Cu Only	Cu / Al	Cu Only	Cu / Al
14 - 10				60096 60097		
8	YABC-L Box YABC-L1 Box		54104 54130	60101 60102 61102	CRA-8	ACL - 8 ACN - 8
6				61107		

Inspection record number:

Accessories

Aux. Switch (1NO - 1NC)	HA161234	Neutral	HN612	Wire Grip Kit (CU)	HLC612
Aux. Switch (2NO - 2NC)	HA261234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234	Compression Lug Neutral Barrier Kit	HCL612
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Isolated Ground Lug Kit	HG261234		

Replacement Parts

Line Base	HNB612	Wire Grip Kit (AL)	HL612	Handle / Handle Guard	HH6123
Load Base		Mechanism	HM6123	Door	HN612DOOR

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 HCL612.

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. 500172G08
1103

R .125"
X4

COMPANY NAME	MATERIAL	SIZE	JOB WILL NOT BE PRINTED UNLESS APPROVED BY CUSTOMER.		PART NO. 500172G08
SIEMENS INDUSTRY/MTR	Synthetic Paper	WIDTH 4.63"	<input type="checkbox"/> OK TO PRINT AS IS	<input type="checkbox"/> MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF	A7B91503120648
THIS DOCUMENT IS THE PROPERTY OF LABELTECH, INC. IT'S USE IS AUTHORIZED ONLY FOR RESPONDING TO A REQUEST FOR QUOTATION OR FOR THE PERFORMANCE OF WORK REQUESTED FROM LABELTECH, INC. ALL QUESTIONS MUST BE REFERRED TO THE LABELTECH, INC. PRODUCTION DEPARTMENT.	INK COLORS	LENGTH 7.44"	<input type="checkbox"/> OK TO PRINT WITH CORRECTIONS AS MARKED		DESCRIPTION: Interior Label
	BLACK 185 RED	CORNER RADIUS 1.25"	AUTHORIZED BY		REVISION LEVEL 39P
			DATE		DESIGNER Joel Ortega
					CHECKED BY DATE 05/11/12