



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

6.25"

SIEMENS

Cat. No. HNF363J Non-Fusible Heavy Duty Safety Switch Type VB II
100 Amps Maximum 600 Volts AC(V~) Maximum 600¹¹ Volts DC(V=) Maximum
Type 3R / 3S / 12 / 13 Dust-Tight For 3R / 3S service, remove drain plug from enclosure bottom and tilt 1/2 to 1 degree towards drain.

1.81"

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	15	40	30	75	40	100	20	50

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



Suitable for use as Service Equipment when used with factory installed ground bar 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 100 amperes maximum.

Danger – Unless Type NEB, NGB, NEG, NCG, 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, NCG, or ED4 circuit breakers rated 100 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 100 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.

4.44"

12.00"

Terminal & Wire Information

USE 75°C COPPER OR ALUMINIUM WIRE

Terminal & Wire Information			
Description	Wire Range	Wire Tightening Torque ⁵	Lug Mounting Torque ⁵
Line, Load & Main Neutral	14-1/0 AWG	35 lb-ins. 14-10 AWG / 40lb-ins. 8 AWG 45 lb-ins. 6-4 AWG / 50 lb-ins. 3-1/0 AWG	80 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)	Burndy		Thomas & Betts		IlSCO	
	CU ONLY	CU / AL	CU ONLY	CU / AL	CU ONLY	CU / AL
6	YA6C-L Box YA6C	YA6CA1	54105 54905BE	61107 60107	CRB-6 CRB-6L	ACL-6
4	YA4C-L Box YA4C	YA4CA1	54106 54906BE	61112 60112	CRB-4 CRB-4L	ACL-4
2	YA2C-L2 Box YA2C	YA2CA5	54107	61116	CRA-2 CRB-2L	ACL-2
1	YA1C-L2 YA1C		54108 54947BE	61122	CRB-1-14 CRA-1L	
1/0				61130		

Inspection record number:

Accessories

Aux. Switch (1NO - 1NC)	HA161234	200% Neutral	HN263	Compression Lug Neutral Barrier Kit	HCL623
Aux. Switch (2NO - 2NC)	HA261234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234	Wire Grip Kit (CU)	HLC63
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Isolated Ground Lug Kit	HG261234	Hub Kits	SSH150 (1 1/2") SSH200 (2")
Neutral	HN623				

Replacement Parts

Line Base	HNB623	Wire Grip Kit (AL)	HL63	Handle / Handle Guard	HH6123
Mechanism	HM6123	Door	HNF363JDOOR		

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 **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. 504034U06
0403

R .125"
X4

COMPANY NAME

SIEMENS INDUSTRY, INC.

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MATERIAL

Synthetic Paper

INK COLORS

BLACK 185 RED

SIZE

WIDTH

6.25"

LENGTH

12.00"

ROUND CORNER RADIUS

.125"

OK TO PRINT AS IS

MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF

OK TO PRINT WITH CORRECTIONS AS MARKED

PART NO.

504034U06

DESCRIPTION:

LABEL

AUTHORIZED BY

DATE

REVISION LEVEL 38P

DESIGNER

Joel Ortega

CHECKED BY

DATE

07/01/11