



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

6.25"

SIEMENS

Cat. No. HNF363 Non-Fusible Heavy Duty Safety Switch Type VB II
100 Amps Maximum 600 Volts AC(V~) Maximum 600¹¹ 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	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 ground bar kit **HG61234** 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, 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 **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.

12.00"

Terminal & Wire Information USE 75°C COPPER OR ALUMINIUM WIRE

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 / 40 lb-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 / 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
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	Neutral	HN623	Isolated Ground Lug Kit	HG261234
Aux. Switch (2NO - 2NC)	HA261234	200% Neutral	HN263	Compression Lug Neutral Barrier Kit	HCL623
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234	Wire Grip Kit (CU)	HLC63

Replacement Parts

Line Base	HNB623	Wire Grip Kit (AL)	HL63	Handle / Handle Guard	HH6123
		Mechanism	HM6123	Door	HNF363DOOR

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

Pc. No. 504034G06
1101

R .125"
X4

COMPANY NAME

Siemens Industry, Inc.

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PART NO.

504034G06

DWG NO. 500443 REV. 12P

DESCRIPTION:

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MATERIAL

Synthetic Paper

Lamination: **No**

INK COLORS

Black Red 185

SIZE

WIDTH

6.25"

LENGTH

12.00"

ROUND CORNER RADIUS

.125"

OK TO PRINT AS IS

MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF

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REVISION LEVEL 37P

DESIGNER

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03/17/11