

To: SIEMENS  
Attn:  
Fax:

NOTES:

1. SIZE: 6.25" X 12.00" rcr .015625"
2. MATERIAL: Semi-Gloss Paper
3. INK COLOR: Black and Red

6.25"

**SIEMENS**

**Cat. No. HNF363SCH Non-Fusible Heavy Duty Safety Switch Type VB II**  
**100 Amps Maximum 600 Volts AC(V~) Maximum 250 Volts DC(V=) Maximum**  
**NEMA Type 4/4X Watertight Stainless Steel**

Horsepower Ratings	240 VAC <sup>1</sup> 1Ø	240 VAC 3Ø	480 VAC <sup>1</sup> 1Ø	480 VAC 3Ø	600 VAC <sup>1</sup> 1Ø	600 VAC 3Ø	250 VDC <sup>1</sup>
Max. HP	15	40	30	75	40	100	20

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 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 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.

12.00"

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

Terminal & Wire Information			
Description	Wire Range	Wire Tightening Torque <sup>5</sup>	Lug Mounting Torque <sup>5</sup>
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)<sup>6</sup>**

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	Hub Kits SSH125 (1 1/4") SSH150 (1 1/2") SSH200 (2")	
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Isolated Ground Lug Kit	HG261234	Wire Grip Kit (CU)	HLC63
Neutral	HN623				

**Replacement Parts**

Line Base	HNB623	Wire Grip Kit (AL)	HL63	Handle / Handle Guard	HH6123S
		Mechanism	HM6123S	Door	HNF363SCHDOOR

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.

<sup>1</sup> Use outer two poles.

<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 Energy & Automation, Inc.  
Bellefontaine, Ohio 43311 U.S.A  
<http://www.sea.siemens.com/power>  
Assembled in Mexico

Pc. No. 504034AM02  
1101

- OK to print
- OK to Print with corrections as marked
- Make corrections, resubmit corrected proof
- Job will not be printed unless approved by customer.

R .125"  
X4

Artwork By:	Date:	AUTHORIZED BY	DATE	PART NUMBER	REV
Proofer:	Date:		06/06/06	504034AM02	16P