

To: SIEMENS
Attn:
Fax:

NOTES:

1. SIZE: 6.125" X 11.375" rcr .125"
2. MATERIAL: Semi-Gloss Paper w/ Permanent Adhesive
3. INK COLOR: Black, PMS 185 Red

6.125"
.125" rcr X4

SIEMENS

Cat. No. HNF463	Non-Fusible 4 Pole Heavy Duty Safety Switch	Type VB II
100 Amps Maximum	600 Volts AC (V~) Maximum	250 Volts DC (V=) Maximum
NEMA Type 1	Indoor	

Horsepower Ratings	240 VAC 1Ø	240 VAC 2Ø	240 VAC 3Ø	480 VAC 1Ø	480 VAC 2Ø	480 VAC 3Ø	600 VAC 1Ø	600 VAC 2Ø	600 VAC 3Ø	250 VDC
Max. HP	15	30	40	30	40	75	40	50	100	20

Suitable for use as service equipment in the U.S.A. when neutral kit **HN623** or ground lug kit **HG61234** is installed.

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.

Renewable link fuses are not recommended.

⚠ 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 75C COPPER OR ALUMINUM 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.

Inspection record number:

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
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		

Accessories

Aux. Switch (1NO - 1NC)	HA161234	Compression Lug Neutral Barrier	HCL623	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234
Aux. Switch (2NO - 2NC)	HA261234	Neutral	HN623	Isolated Ground Lug Kit	HG261234
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	200% NEUTRAL	HNC263	Wire Grip Kit (CU)	HLC63

Replacement Parts

Line Base	HNB623	Wire Grip Kit (Al)	HL63	Handle / Handle Guard	HH461234
Load Base		Mechanism		Door	HNF463DOOR

Protected by one or more of the following US Patents: 6,134,979, 6,356,460, 5,945,650, 5,990,439.

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**.

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. 500448AB03
0904

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

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