

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. HNF464	Non-Fusible 4 Pole Heavy Duty Safety Switch	Type VB II
200 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	50	60	50	50	125 ⁷	50	50	150 ⁷	40

Suitable for use as service equipment in the U.S.A. when neutral kit **HN64** 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 **200** 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.

USE 75°C COPPER OR ALUMINUM WIRE

Terminal & Wire Information			
Description	Wire Range	Wire Tightening Torque ⁵	Lug Mounting Torque ⁵
Line, Load & Main Neutral	6 AWG-250 kcmil	275 lb-ins.	135 lb-ins.
Ground	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.

Inspection record number:
UL Listed Compression Lugs (Refer to manufacturers instructions for proper installation)

Wire Size (AWG OR kcmil)	Burdny		Thomas & Betts		IlSCO	
	Cu Only	Cu / Al	Cu Only	Cu / Al	Cu Only	Cu / Al
2	YA2C-L Box YA2C	YA2CA1	54142-TB	60117	CRB-2 CRB-2L	IACL-2 ACN-2
1	YA1C-L Box YA1C	YA1CA1	54147 54947BE	60123	CRA-1-38 CRA-1L	ACN-1
1/0	YA25-L Box YA25	YA25A1	54153-TB 54949BE	60129 61130	CRA-0 CRA-1/0L	IACL-1/0 ACN-1/0
2/0	YA26-L3 YA26	YA26A6	54158 256-30695-1229 54910BE	60135 61136	CRA-2/0 CRA-2/0L	ACL-2/0 IACL-2/0
3/0	YA27-L3 YA27	YA27A1	54163-TB	60141 61142	CRC-3/0 CRB-3/0L	IACL-3/0 ACL-3/0
4/0	YA28-L3 YA28-TC38	YA28A1	54168 256-30695-1253	61148 60147	CRC-4/0 CRB-4/0L	IACL-4/0 ACL-4/0
250	YA29-L7		54173 54913BE	61156	CRA-250 CRA-250L	IACL-250

Accessories

Aux. Switch (1NO - 1NC)	HA161234	200% Neutral	HNC264	Isolated Ground Lug Kit	HG261234
Aux. Switch (2NO - 2NC)	HA261234	Neutral	HN64	Wire Grip Kit (CU)	HLC64
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234		

Replacement Parts

Line Base	HNB64	Wire Grip Kit (Al)	HL64	Handle / Handle Guard	HH461234
Load Base		Mechanism		Door	HNF464DOOR

Protected by one or more of the following US Patents: 6,134,979, 5,945,650, 5,990,439.
⁵ When tightening or replacing connectors, refer to lug mounting torque in Terminal & Wire Information Table.
⁷ Not for use as a motor controller over 74.6 kW (100 hp).

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

Pc. No. 500448AD03
0904

- OK to print
 - OK to Print with corrections as marked
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- Job will not be printed unless approved by customer.

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