



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

6.25"

# SIEMENS

**Cat. No. HF324NR**      **Fusible Heavy Duty Safety Switch**      **Type VB II**  
**200 Amps Maximum**      **240 Volts AC(V~) Maximum**      **250 Volts DC(V---) Maximum**  
**NEMA Type 3R**      **Rainproof**      **Suitable for use as Service Equipment**

Horsepower Ratings	240 VAC <sup>1</sup> 1Ø	240 VAC 3Ø	250 VDC <sup>1</sup>
Std. HP (Std. Fuse) <sup>4</sup>	15	25	40
Max. HP (Time Delay)	—	60	—

Continuous load current not to exceed 80% of the rating of fuses employed in other than motor circuits.  
Horsepower ratings listed above are suitable for use with High Efficiency motors.

### Fuse and Short Circuit Information

When used with Class K fuses, Class H fuses or a UL Listed Circuit Breaker rated for 10,000 amperes, RMS symmetrical, 240 volts maximum, this switch is suitable for use on a circuit capable of delivering not more than 10,000 amperes, RMS symmetrical, 240 volts, maximum.  
 When used with Class R fuses and Class R fuse clip kit **HR64** properly installed, this switch is suitable for use on a circuit capable of delivering not more than 200,000 amperes, RMS symmetrical, 240 volts maximum.  
 When used with Class J fuses with the load base relocated to the "J Fuse" position marked on the enclosure this switch is suitable for use on a circuit capable of delivering not more than 200,000 amperes, RMS symmetrical, 240 volts maximum.  
 When used with Class T fuses and Class T fuse adaptor kit **HT24** properly installed, this switch is suitable for use on a circuit capable of delivering not more than 200,000 amperes, RMS symmetrical, 240 volts maximum.

**Danger** – Unless class R, J or T fuses are used, this switch may present a risk of fire and injury to persons if installed on circuits capable of delivering more than 10,000 amperes, RMS symmetrical.

When used with fuses marked with DC ratings, this switch is suitable for use on a circuit capable of delivering not more than the DC interrupting rating marked on the fuse, at the DC voltage rating marked on the fuse, up to a maximum 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, 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.



**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 75°C COPPER OR ALUMINUM WIRE

Terminal & Wire Information			
Description	Wire Range	Wire Tightening Torque <sup>5</sup>	Lug Mounting Torque <sup>5</sup>
Line, Load & Main Neutral	6 AWG-300 kcmil	275 lb-ins.	135 lb-ins.
Service Ground	14-1/0 AWG	35 lb-ins. 14-10 AWG / 40 lbs-ins. 8 AWG 45 lb-ins. 6-4 AWG / 50 lb-ins. 3-1/0 AWG	80 lb-ins.

13.00"

### UL Listed Compression Lugs (Refer to manufacturers instructions for proper installation)

Wire Size (AWG OR kcmil)	Burndy		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
300				61162		

Inspection record number:

### Accessories

Aux. Switch (1NO - 1NC)	HA161234	Neutral	HN64	Class R Fuse Kit (Rejects Class H & K Fuses)	HR64
Aux. Switch (2NO - 2NC)	HA261234	200% Neutral	HN264	Class T Fuse Kit	HT24
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234	Hub Kits	HS150 (1 1/2") HS200 (2") HS250 (2 1/2")
Wire Grip Kit (CU)	HLC64	Isolated Ground Lug Kit	HG261234		

### Replacement Parts

Line Base	HFB64	Wire Grip Kit (AL)	HL64	Handle / Handle Guard	HH64
Load Base	HBB64	Mechanism	HM64	Door	HF324NRDOOR

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

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

<sup>4</sup> The starting current of motors more than the standard horsepower or kilowatt ratings may require the use of fuses with appropriate time delay characteristics.

<sup>5</sup> When tightening or replacing connectors, refer to lug mounting torque in Terminal & Wire Information Table.

For questions on this device please call 1-800-241-3138

Siemens Industry, Inc.  
Norcross, GA 30092  
<http://www.usa.siemens.com/powerdistribution>  
Assembled in Mexico

Pc. No. 506066D04  
0901

R .125"  
X4

3.16"

5.65"

### COMPANY NAME

**SIEMENS INDUSTRY, INC.**

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### MATERIAL

**Synthetic Paper**

### INK COLORS

**BLACK 185 RED**

### SIZE

WIDTH

**6.25"**

LENGTH

**13.00"**

ROUND CORNER RADIUS

**.125"**

OK TO PRINT AS IS

MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF

OK TO PRINT WITH CORRECTIONS AS MARKED

PART NO.

**506066D04**

DESCRIPTION:

**AUTHORIZED BY**

**DATE**

**REVISION LEVEL 31P**

DESIGNER

**Joel Ortega**

CHECKED BY

DATE

**01/27/10**