

To: SIEMENS E&A  
Attn:  
Fax:

NOTES:

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

6.125"
.125" rcr X4

## SIEMENS

**Cat. No. DTNF364J Non-Fusible Heavy Duty Double Throw Safety Switch Type VB II**  
**200 Amps Maximum 600 Volts AC (V~) Maximum 600 Volts DC(V---) Maximum**  
**NEMA Type 3R / 3S / 12 / 13 Dust-Tight**

For 3R / 3S service, remove drain plug from enclosure bottom and tilt 1/2 to 1 degree towards drain.

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>	600 VDC <sup>1</sup>
Max. HP	15	60	50	125 <sup>7</sup>	50	150 <sup>7</sup>	40	50

Suitable for use as Service Equipment when used with factory installed ground bar on 3 phase, 3 wire systems or when used with **HNC264** neutral kit on 1 phase, 3 wire or 3 phase, 4 wire systems.  
Manually-operated switch suitable for use in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70.

**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, 600 volts DC maximum, when protected by fuses marked with an interrupting rating of 10,000 amperes, 600 volts DC.  
**Danger** – Unless fuses marked for an interrupting rating of 10,000 amperes at 600 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.

Terminal & Wire Information			
Description	Wire Range	Wire Tightening Torque <sup>5</sup>	Lug Mounting Torque <sup>5</sup>
Line, Load & Main Neutral	6 AWG-250 kcmil	275 lb-ins.	135 lb-ins.
Service Ground	14-1/0 AWG	35 lb-ins. 14-10 AWG / 40 lb-ins. 8 45 lb-ins. 6-4 AWG / 50 lb-ins. 3-1/0 AWG	80 lb-ins.

**UL Listed Compression Lugs**  
(Refer to manufacturers instruction for proper installation)

Wire Size (AWG kcmil)	Burndy		Thomas & Betts		Ilsco	
	CU ONLY	CU / AL	CU ONLY	CU / AL	CU ONLY	CU / AL
2	YA2C-L YA2C Box	YA2CA1	54142-TB	60117	CRB-2 CRB-2L	IACL-2 ACN-2
1	YA1C-L YA1C Box	YA1CA1	54147 54947BE	60123	CRA-1-38 CRA-1L	ACN-1
1/0	YA25-L YA25 Box	YA25A1	54153-TB 54949BE	60129 60130	CRA-0 CRA-1/0L	IACL-1/0 ACN-1/0
2/0	YA26-L3 YA26	YA26A6	54158 54910BE 256-30695-1229	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

Inspection record number:

Accessories					
Aux. Switch (1NO - 1NC)	HA161234	Neutral	HNC264	Wire Grip Kit (CU)	HLC64
Aux. Switch (2NO - 2NC)	HA261234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234	Hub Kits	SSH200 (2") SSH250 (2 1/2")
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Isolated Ground Lug Kit	HG261234		

Replacement Parts					
Line Base	HNB64	Wire Grip Kit (Al)	HL64	Handle / Handle Guard	HHD61234
		Mechanism		Door	DTNF364JDOOR

**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>5</sup> When tightening or replacing connectors, refer to lug mounting torque in Terminal & Wire Information Table.  
<sup>7</sup> 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. 506170N03  
1203

OK to print

OK to Print with corrections as marked

Make corrections, resubmit corrected proof

Job will not be printed unless approved by customer.

Artwork By:	Date:	AUTHORIZED BY	DATE	PART NUMBER	REV
Proofer:	Date:		07/02/2008	506170N03	23P