

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. DTNF362R Non-Fusible Heavy Duty Double Throw Safety Switch Type VB II**  
**60 Amps Maximum 600 Volts AC (V~) Maximum 250 Volts DC (V-) Maximum**  
**NEMA Type 3R Rainproof**

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	10	20	20	50	25	60	10

Suitable for use as Service Equipment when used with ground bar kit **HG61234** on 3 phase, 3 wire systems or when used with **HN263** 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 60 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.

**Terminal & Wire Information USE 60°C / 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	14-2 AWG	35 lb-ins. 14-10 AWG / 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG / 50 lb-ins. 3-2 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.

Inspection record number:

**UL Listed Compression Lugs (Refer to manufacturers instruction for proper installation)<sup>6</sup>**

Wire Size (AWG OR kcmil)	Burdny		Thomas & Betts		IlSCO	
	CU ONLY	CU / AL	CU ONLY	CU / AL	CU ONLY	CU / AL
14-10			256-30695-1352	60097		
8	YA8C-L1 Box YA8C-TC14	YA8CA3	54130 54930BE	60102 61102		ACL-8
6	YA6C-L Box YA6C	YA6CA1	54105 54905BE	60107 61107	CRB-6 CRB-6L	ACL-6
4			54106	61112	CRB-4	

**Accessories**

Aux. Switch (1NO - 1NC)	HA161234	Neutral	HN263	Hub Kits	ECHS075/HS075 (3/4") ECHS100/HS100 (1") ECHS125/HS125 (1 1/4")
Aux. Switch (2NO - 2NC)	HA261234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234		
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Isolated Ground Lug Kit	HG261234		
Compression Lug Neutral Barrier Kit	HCL623	Wire Grip Kit (CU)	HLC612		

**Replacement Parts**

Line Base	HNB623	Wire Grip Kit (AL)	HL612	Handle / Handle Guard	HHD61234
		Mechanism		Door	DTNF362RDOOR

Protected by one or more of the following US Patents: 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. 502168H03  
1203

- OK to print
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