

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 ¹ 1Ø	240 VAC 3Ø	480 VAC ¹ 1Ø	480 VAC 3Ø	600 VAC ¹ 1Ø	600 VAC 3Ø	250 VDC ¹
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 ⁵	Lug Mounting Torque ⁵
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)⁶

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.

¹ Use outer two poles.
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. 502168H03
1203

11.375"

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
			02/27/07	502168H03	17P