

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, Red 185

6.125"
.125" rcr X4

## SIEMENS

Cat. No. DTF324
Fusible Heavy Duty Double Throw Safety Switch
Type VB II

200 Amps Maximum
240 Volts AC(V~) Maximum
250 Volts DC(V---) Maximum

NEMA Type 1 Indoor

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.  
Suitable for use as Service Equipment when used with ground bar kit **HG61234** 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**  
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**

⚠ 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 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-250 kcmil	275 lb-ins.	135 lb-ins.
Service 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.

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

Wire Size (AWG kcmil)	Burdny		Thomas & Betts		IIsco	
	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	Class R Fuse Kit (Rejects Class H & K Fuses)	HR64
Aux. Switch (2NO - 2NC)	HA261234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234	Class T Fuse Kit	HT24
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Isolated Ground Lug Kit	HG261234		
Compression Lug Neutral Barrier Kit		Wire Grip Kit (CU)	HLC64		

**Replacement Parts**

Line Base	HFB64	Wire Grip Kit (Al)	HL64	Handle / Handle Guard	HHD61234
Load Base	HBB64	Mechanism		Door	DTF324DOOR

**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.

Siemens Energy & Automation, Inc.

Bellefontaine, Ohio 43311 U.S.A

http://www.sea.siemens.com/power

Assembled in Mexico

Pc. No. 506170B04  
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.

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			01/29/08	506170B04	22P