

(915) 590-8500 • Fax (915) 590-8510

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, Red 185

6.125" —

\_.125" rcr X4

## **SIEMENS**

Cat. No. DTF324R
200 Amps Maximum
NEMA Type 3R

Fusible Heavy Duty Double Throw Safety Switch
240 Volts AC(V~) Maximum
Rainproof

Type VB II
250 Volts DC(V...) Maximum
Rainproof

Horsepower Ratings	240 VAC <sup>1</sup> 1Ø	240 VAC 3Ø	250 VDC <sup>1</sup>
Std. HP (Std. Fuse)4	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 moving load base to a new position, seal original load base mounting holes.

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



**Terminal & Wire Information** 

#### **▲** 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.

11.375"

### USE 75°C COPPER OR ALUMINUM WIRE

Terminal & Wire Information					
Description	Wire Range	Wire Range Wire Tightening 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	Burndy		Thomas & Betts		llsco	
(AWG kcmil)	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 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

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	Hub Kits	HS150 (1 1/2") HS200 (2")
Compression Lug Neutral Barrier Kit		Wire Grip Kit (CU)	HLC64		HS250 (2 1/2")
Davids a successful Davids					

#### Replacement Parts

Line Base	HFB64	Wire Grip Kit (AI)	HL64	Handle / Handle Guard	HHD61234
Load Base	HBB64	Mechanism		Door	DTF324RDOOR

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.
- 5 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. 506170C04 1203

OK to	print
OK to	Print with ctions as marked
	corrections, resubmit cted proof pe printed unless approved
by customer.	

Job will not be prin by customer.	nted unless approved				
Artwork By:	Date:	AUTHORIZED BY	DATE	PART NUMBER	REV
Proofer:	Date:		06/10/08	506170C04	23P