



TEL (915) 590-8500  
FAX (915) 590-8510

6.25"

## SIEMENS

**Cat. No. DTGNF224R Non-Fusible General Duty Double Throw Safety Switch Type VB II**  
**200 Amps Maximum 240 Volts AC (V~) Maximum 250 Volts DC (V---) Maximum**  
**Type 3R Rainproof**

Horsepower Ratings	240 VAC 1Ø	240 VAC <sup>3</sup> 3Ø	250 VDC
Max. HP	15	60	40

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

This switch is suitable for use on a circuit capable of delivering not more than 100,000 amperes, RMS symmetrical, **240** 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, **240** volts maximum, when protected by 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, **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.

	<b>⚠ DANGER</b>
	<p><b>Hazardous voltage. Will cause death or serious injury.</b></p> <ul style="list-style-type: none"> <li>• Disconnect and lock out power supplying this switch before working on this switch.</li> <li>• Turn off switch before removing or installing fuses if so equipped.</li> <li>• 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.</li> <li>• Close or replace cover before turning power on.</li> </ul>

8.75"

### 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.

Inspection record number:

### Accessories

Aux. Switch (1NO - 1NC)	HA161234	Neutral	HNC264	Class R Fuse Kit (Rejects Class H & K Fuses)
Aux. Switch (2NO - 2NC)	HA261234	Ground Lug Kit (Wire Range 14-4AWG)	HG61234	Class T Fuse Kit
Hub Kits	HS150 (1 1/2") HS200 (2") HS250 (2 1/2")			

### Replacement Parts

Line Base	HNB64	Wire Grip Kit (AL)	HL64	Handle / Handle Guard	HHD61234
Load Base	Mechanism		Door		

Protected by one or more of the following US Patents: 6,134,979, 5,945,650, 5,990,439.

<sup>3</sup> Suitable for 3-Phase, 3-Wire, Grounded B-Phase Systems when neutral kit **HNC264** is installed.

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

For questions on this device please call 1-800-241-4453



Siemens Industry, Inc.  
Norcross, GA 30092 USA  
<http://www.usa.siemens.com/powerdistribution>  
Assembled in Mexico

Pc. No. 506170F04  
1203

R .125"  
X4

### COMPANY NAME

**Siemens Industry, Inc.**

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### MATERIAL

**Synthetic Paper**

Lamination: **No**

### INK COLORS

**Black Red 185**

### SIZE

WIDTH

**6.25"**

LENGTH

**8.75"**

ROUND CORNER RADIUS

**.125"**

OK TO PRINT AS IS

MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF

OK TO PRINT WITH CORRECTIONS AS MARKED

PART NO.

**506170F04**

DESCRIPTION:

**Label**

**AUTHORIZED BY**

**DATE**

**REVISION LEVEL 37P**

DESIGNER **Joel Ortega**

CHECKED BY

DATE **06/09/11**