



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

6.125"

.125" rcr  
X4

## SIEMENS

**Cat. No. DTNF368R Non-Fusible Heavy Duty Double Throw Safety Switch Type VB II**  
**1200 Amps Maximum 600 Volts AC (V~) Maximum 250 Volts DC (V-) Maximum**  
**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>
<b>Max. HP</b>	15	250 <sup>7</sup>	50	500 <sup>7</sup>	50	500 <sup>7</sup>	50

Suitable for use as Service Equipment when used with ground bar kit **HG678** on 3 phase, 3 wire systems or when used with **HND678** 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 25,000 amperes, rms symmetrical, when protected by Type NNG circuit breakers rated **1200** amperes maximum.

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 L or T fuses rated **1200** amperes maximum.

**Danger** – Unless Type NNG circuit breakers or Class L 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, **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.

11.375"

**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	(4) 1/0 AWG-600 kcmil (8) 1/0 AWG-250 kcmil	500 lb-ins.	80 lb-ins. 240 lb-ins. (Neutral 3/8-16 Bolt)
Service Ground	(2) 6 AWG-300 kcmil	275 lb-ins.	80 lb-ins.

Inspection record number:

**Accessories**

Aux. Switch (1NO - 1NC)	HA165678	Neutral	HND678	Class R Fuse Kit (Rejects Class H & K Fuses)
Aux. Switch (2NO - 2NC)	HA265678	200% Neutral		Class T Fuse Kit
Low Voltage Aux. Sw. (1NO - 1NC)	HA365678	Ground Lug Kit (Wire Range (4) 6 AWG-300 kcmil)	HG678	Fuse Puller Kit (3 per kit)
Compression Lug Neutral Barrier Kit		Isolated Ground Lug Kit		Hub Kits HV250 (2 1/2") HV300 (3") HV350 (3 1/2") HV400 (4")
Hub Gasket Kit		Wire Grip Kit (CU)		Compression Lug Mounting Kit

**Replacement Parts**

Line Base	HNB678	Wire Grip Kit (Al)	HL65678	Handle / Handle Guard	HHD65678
Load Base		Mechanism		Door	DTNF368RDOOR

Protected by one or more of the following US Patents: 6,388,215.

<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>7</sup> Not for use as a motor controller over 74.6 kW (100 hp).

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. 508316S05  
0704

**COMPANY NAME**

**SIEMENS INDUSTRY, INC.**

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**MATERIAL**

**Synthetic Paper Fasson**

**INK COLORS**

**BLACK**

**185 RED**

**SIZE**

WIDTH

**6.125"**

LENGTH

**11.375"**

ROUND CORNER RADIUS

**.125"**

OK TO PRINT AS IS

MAKE CORRECTIONS, RESUBMIT CORRECTED PROOF

OK TO PRINT WITH CORRECTIONS AS MARKED

PART NO.

**508316S05**

DESCRIPTION:

**AUTHORIZED BY**

**DATE**

**REVISION LEVEL 38P**

DESIGNER

**Gibran Camacho**

CHECKED BY

DATE

**08/05/11**