



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 ¹ 1Ø	240 VAC 3Ø	480 VAC ¹ 1Ø	480 VAC 3Ø	600 VAC ¹ 1Ø	600 VAC 3Ø	250 VDC ¹
Max. HP	15	250 ⁷	50	500 ⁷	50	500 ⁷	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 ⁵	Lug Mounting Torque ⁵
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.

¹ Use outer two poles.

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

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

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

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Assembled in Mexico

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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