



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

6.125"

SIEMENS

Cat. No. DTNF367 Non-Fusible Heavy Duty Double Throw Safety Switch Type VB II
800 Amps Maximum 600 Volts AC (V~) Maximum 250 Volts DC (V=) Maximum
Type 1 Indoor

| 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 200,000 amperes, RMS symmetrical, **600** volts maximum when protected by class L or T fuses rated **800** amperes maximum.

Danger – Unless 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 | (3) 1/0 AWG-750 kcmil (6) 1/0 AWG-250 kcmil | 500 lb-ins. | 80 lb-ins. 240 lb-ins. (Neutral 3/8-16 Bolt) |
| Ground | (2) 6 AWG-300 kcmil | 275 lb-ins. | 80 lb-ins. |

Inspection record number:

Accessories

| | | | | | |
|-------------------------|----------|----------------------------------|----------|---|-------|
| Aux. Switch (1NO - 1NC) | HA165678 | Low Voltage Aux. Sw. (1NO - 1NC) | HA365678 | Ground Lug Kit (Wire Range (4) 6 AWG-300 kcmil) | HG678 |
| Aux. Switch (2NO - 2NC) | HA265678 | Neutral | HND678 | | |

Replacement Parts

| | | | | | |
|-----------|--------|--------------------|---------|-----------------------|-------------|
| Line Base | HNB678 | Wire Grip Kit (AI) | HL65678 | Handle / Handle Guard | HHD65678 |
| Load Base | | Mechanism | | Door | DTNF367DOOR |

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

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

Pc. No. 508316N04
0704

.125" rcr
X4

COMPANY NAME

SIEMENS INDUSTRY, INC.

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MATERIAL

Synthetic Paper

Lamination: **No**

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.

508316N04

DESCRIPTION:

Label

AUTHORIZED BY

DATE

REVISION LEVEL 37P

DESIGNER

Gibran Camacho

CHECKED BY

DATE

02/21/11