



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

6.125"

.125" rcr
X4

SIEMENS

Cat. No. DTNF365 Non-Fusible Heavy Duty Double Throw Safety Switch Type VB II
400 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	125 ⁷	50	250 ⁷	50	350 ⁷	50

Suitable for use as Service Equipment when used with ground bar kit **HG656** on 3 phase, 3 wire systems or when used with **HN678** 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 J, R or T fuses rated **400** amperes maximum.

Danger – Unless Type JD6 or LD6 circuit breakers or 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, **600** volts maximum, when protected by Class K fuses, Class H fuses or a UL Listed Circuit Breaker rated for 10,000 amperes, RMS symmetrical, **600** volts maximum.

This switch is suitable for use on a circuit capable of delivering not more than 25,000 amperes, rms symmetrical, when protected by Type JD6 or LD6 circuit breakers rated **400** amperes 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.

⚠ 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.

Terminal & Wire Information **USE 75°C COPPER OR ALUMINUM WIRE**

Description	Wire Range	Wire Tightening Torque ⁵	Lug Mounting Torque ⁵
Line, Load & Main Neutral	1/0 AWG-750 kcmil (2) 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.

UL Listed Compression Lugs (Refer to manufacturers instructions for proper installation)¹⁰

Wire Size (AWG OR kcmil)	Burdny		Thomas & Betts		IlSCO	
	Cu Only	Cu / Al	Cu Only	Cu / Al	Cu Only	Cu / Al
2/0	YA26-N	YA26A1	54160 54951BE			IACL-2/0 ACN-2/0
3/0	YA27-L Box YA27	YA27A3	54165-TB 54965BE		CRB-3/0 CRB-3/0L	IACL-3/0 ACN-3/0
4/0	YA28-L Box YA28	YA28A3	54170 54970BE	60150	CRB-4/0 CRB-4/0L	IACL-4/0 ACN-4/0
250	YA29-L Box YA29	YA29A1	54113 54913BE	61156 60156	CRA-250 CRA-250L	IACL-250 ACL-250
300	YA30-L YA30	YA30A1	54114 54914BE	61162 60162	CRA-300 CRA-300L	IACL-300 ACL-300
350	YA31-L YA31	YA31A1	54915BE	61165 60165	CRA-350 CRA-350L	IACL-350
400	YA32-N		54116 54916BE			
500	YA34-L6 YA34-N			61171		IACL-500

Inspection record number:

Accessories

Aux. Switch (1NO - 1NC)	HA165678	Neutral	HN678	Wire Grip Kit (CU) (Rejects Class H & K Fuses)	HLC65678
Aux. Switch (2NO - 2NC)	HA265678	Ground Lug Kit (Wire Range (2) 14-2/0 AWG)	HG656	Compression Lug Mounting Kit ¹⁰	HCL65
Low Voltage Aux. Sw. (1NO - 1NC)	HA365678	Isolated Ground Lug Kit	HG2656		

Replacement Parts

Line Base	HNB65	Wire Grip Kit (Al)	HL65678	Handle / Handle Guard	HHD65678
Load Base		Mechanism		Door	DTNF365DOOR

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).

¹⁰ If compression lugs are used, order compression lug mounting kit **HCL65**.

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

Siemens Industry, Inc. Pc. No. 508316E06
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Norcross, GA 30092 USA
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Assembled in Mexico

11.375"

COMPANY NAME

SIEMENS INDUSTRY, INC.

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MATERIAL

SEMI-GLOSS PAPER

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.

508316E06

DESCRIPTION:

AUTHORIZED BY

DATE

REVISION LEVEL 38P

DESIGNER

Joel Ortega

CHECKED BY

DATE

08/09/11