LABEL TECH INC.
(915) 590-8500 • Fax (915) 590-8510

NOTES:

1. SIZE: 6.125" X 11.375" rcr .125"
2. MATERIAL: Semi-Gloss Paper w/ Permanent Adhesive
3. INK COLOR: Black, PMS 185 Red

To: SIEMENS
Attn:
Fax:

6.125"

.125" rcr X4

11.375"

SIEMENS

Cat. No. DTNF363J **Non-Fusible Heavy Duty Double Throw Safety Switch** **Type VB II**
100 Amps Maximum **600 Volts AC (V~) Maximum** **250 Volts DC (V⎓) Maximum**
NEMA Type 3R/3S/12/13 **Dust- Tight**

For 3R / 3S service, remove drain plug from enclosure bottom and tilt 1/2 to 1 degree towards drain.

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	40	30	75	40	100	20

Suitable for use as Service Equipment when used with factory installed ground bar on 3 phase, 3 wire systems or when used with **HN263** 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 **100** 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, **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 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**

Terminal & Wire Information			
Description	Wire Range	Wire Tightening Torque[5]	Lug Mounting Torque[5]
Line, Load & Main Neutral	14-1/0 AWG	35 lb-ins. 14-10AWG / 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG / 50 lb-ins. 3-1/0 AWG	80 lb-ins.
Service Ground	14-4 AWG	35 lb-ins. 14-10AWG / 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG	24 lb-ins.

Inspection record number:

UL Listed Compression Lugs (Refer to manufacturers instruction for proper installation)[6]

Wire Size (AWG OR kcmil)	Burndy		Thomas & Betts		Ilsco	
	CU ONLY	CU / AL	CU ONLY	CU / AL	CU ONLY	CU / AL
6	YA6C-L Box YA6C	YA6CA1	54105 54905BE	61107 60107	CRB-6 CRB-6L	ACL-6
4	YA4C-L Box YA4C	YA4CA1	54106 54906BE	61112 60112	CRB-4 CRB-4L	ACL-4
2	YA2C-L2 Box YA2C	YA2CA5	54107	61116	CRA-2 CRB-2L	ACL-2
1	YA1C-L2 YA1C		54108 54947BE	61122	CRB-1-14 CRA-1L	
1/0				61130		

Accessories

Aux. Switch (1NO - 1NC)	**HA161234**	**Compression Lug Neutral Barrier Kit**	**HCL623**	**Isolated Ground Lug Kit**	**HG261234**
Aux. Switch (2NO - 2NC)	**HA261234**	**Neutral**	**HN263**	**Wire Grip Kit (CU)**	**HLC63**
Low Voltage Aux. Sw. (1NO - 1NC)	**HA361234**	**Ground Lug Kit (Wire Range 14-4 AWG)**	**HG61234**	**Hub Kits**	**SSH150 (1 1/2") SSH200 (2")**

Replacement Parts

Line Base	**HNB623**	**Wire Grip Kit (Al)**	**HL63**	**Handle / Handle Guard**	**HHD61234**
Load Base		**Mechanism**		**Door**	**DTNF363JDOOR**

Protected by one or more of the following US Patents: 6,134,979, 6,356,460, 5,945,650, 5,990,439.

[1] Use outer two poles.
[5] When tightening or replacing connectors, refer to lug mounting torque in Terminal & Wire Information Table.
[6] If compression lugs are used for the neutral, order compression lug neutral barrier kit **HCL623.**

Siemens Energy & Automation, Inc.
Bellefontaine, Ohio 43311 U.S.A.
http://www.sea.siemens.com/power
Assembled in Mexico

Pc. No. 504117L02
1203

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☐ Make corrections, resubmit corrected proof
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