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, Red 185

To: SIEMENS E&A
Attn:
Fax:

6.125"

.125" rcr X4

11.375"

SIEMENS

Cat. No. DTNF224 Non-Fusible Heavy Duty Double Throw Safety Switch Type VB II
200 Amps Maximum 240 Volts AC(V~) Maximum 250 Volts DC(V⎓) Maximum
NEMA Type 1 Indoor

Horsepower Ratings	240 VAC 1Ø	240 VAC[3] 3Ø	250 VDC
Max. HP	15	60	40

Suitable for use as Service Equipment when used with ground bar kit **HG61234** on 3 phase, 3 wire systems or when used with **HNC264** 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, **240** volts maximum when protected by class J, R or T fuses rated **200** 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, **240** volts maximum, when protected by Class K fuses, Class H fuses or a UL Listed Circuit Breaker rated for 10,000 amperes, RMS symmetrical, **240** 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	6 AWG-250 kcmil	275 lb-ins.	135 lb-ins.
Service Ground	14-1/0 AWG	35 lb-ins. 14-10 AWG / 40 lb-ins. 8 AWG 45 lb-ins. 6-4 AWG / 50 lb-ins. 3-1/0 AWG	80 lb-ins.

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

Wire Size (AWG kcmil)	Burndy		Thomas & Betts		Ilsco	
	CU ONLY	CU / AL	CU ONLY	CU / AL	CU ONLY	CU / AL
2	YA2C-L Box YA2C	YA2CA1	54142-TB	60117	CRB-2 CRB-2L	IACL-2 ACN-2
1	YA1C-L Box YA1C	YA1CA1	54147 54947BE	60123	CRA-1-38 CRA-1L	ACN-1
1/0	YA25-L Box YA25	YA25A1	54153-TB 54949BE	60129 60130	CRA-0 CRA-1/0L	IACL-1/0 ACN-1/0
2/0	YA26-L3 YA26	YA26A6	54158 54910BE 256-30695-1229	60135 61136	CRA-2/0 CRA-2/0L	ACL-2/0 IACL-2/0
3/0	YA27-L3 YA27	YA27A1	54163-TB	60141 61142	CRC-3/0 CRB-3/0L	IACL-3/0 ACL-3/0
4/0	YA28-L3 YA28-TC38	YA28A1	54168 256-30695-1253	61148 60147	CRC-4/0 CRB-4/0L	IACL-4/ 0 ACL-4/0
250	YA29-L7		54173 54913BE	61156	CRA-250 CRA-250L	IACL-250

Inspection record number:

Accessories

Aux. Switch (1NO - 1NC)	HA161234	Neutral	HNC264		
Aux. Switch (2NO - 2NC)	HA261234	Ground Lug Kit (Wire Range 14-4 AWG)	HG61234		
Low Voltage Aux. Sw. (1NO - 1NC)	HA361234	Isolated Ground Lug Kit	HG261234		
Compression Lug Neutral Barrier Kit		Wire Grip Kit (CU)	HLC64		

Replacement Parts

Line Base	HNB64	Wire Grip Kit (Al)	HL64	Handle / Handle Guard	HHD61234
		Mechanism		Door	DTNF224DOOR

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

[3] Suitable for 3-Phase, 3-Wire, Grounded B-Phase Systems when neutral kit **HNC264** is installed.
[5] When tightening or replacing connectors, refer to lug mounting torque in Terminal & Wire Information Table.

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

Pc. No. 506170H04
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