

CHAPTER

00

GENERAL



**767-200/300
WIRING DIAGRAM MANUAL**

**CHAPTER 00
GENERAL**

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
00-EFFECTIVE PAGES		1		Aug 05/2009					
		2		BLANK					
00-CONTENTS		1		Jun 28/2006					
		2		BLANK					
00-ALPHABETICAL INDEX		1		Jan 21/2005					
		2		BLANK					
00-00-00		1	1	Jan 21/2005					
			2	Jan 21/2005					
			3	Jan 21/2005					
			4	Jan 21/2005					

A = Added, R = Revised, D = Deleted, O = Overflow

00-EFFECTIVE PAGES

Page 1
Aug 05/2009

D280T132



**767-200/300
WIRING DIAGRAM MANUAL**

**CHAPTER 00
GENERAL**

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
<u>SYMBOLS</u>						
SYMBOLS	00-00-00		1	1	Jan 21/2005	ALL
				2	Jan 21/2005	ALL
				3	Jan 21/2005	ALL
				4	Jan 21/2005	ALL

00-CONTENTS



**767-200/300
WIRING DIAGRAM MANUAL**

**CHAPTER 00
GENERAL**

CH-SC-SU	Title
00-00-00	SYMBOLS

00-ALPHABETICAL INDEX

D280T132

Page 1
Jan 21/2005

AMPLIFIER



ANTENNA

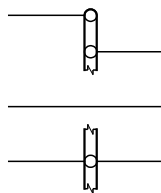


BATTERY



BUS

BUS BAR WITH CONNECTIONS



BUS BAR BROKEN WHERE CONDUCTORS CROSS

CAPACITOR

GENERAL



VARIABLE



CURVED ELEMENT REPRESENTS:

1. THE OUTSIDE ELECTRODE IN FIXED PAPER AND CERAMIC DIELECTRIC CAPACITORS.
2. THE NEGATIVE ELECTRODE IN ELECTROLYTIC CAPACITORS.
3. THE MOVING ELEMENT IN VARIABLE AND THE LOW POTENTIAL ELEMENT IN FEED THROUGH CAPACITORS.

CIRCUIT BREAKER

SINGLE PHASE



SINGLE PHASE-BUSSED



THREE PHASE



CONNECTOR

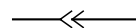
TERMINAL



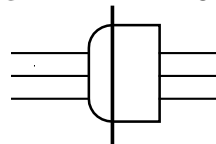
SOLDER POINT



SEPARATE CONNECTORS ENGAGED (ONE CONNECTOR SHOWN)



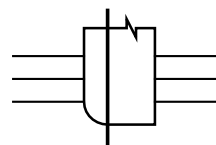
PLUG AND RECEPTACLE



COMPLETE CONNECTOR

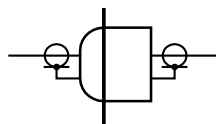
CONNECTOR SHOWN COMPLETE AS ILLUSTRATED WILL ONLY APPEAR ON ONE DIAGRAM.

BROKEN CONNECTOR

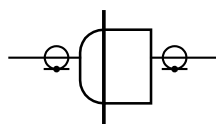


BROKEN CONNECTORS ARE SHOWN ON MORE THAN ONE WIRING DIAGRAM OR MORE THAN ONE PLACE ON THE SAME DIAGRAM. (FOR COMPLETE INFORMATION REFER TO CHAPTER 91 HOOK-UP CHARTS.)

COAXIAL-OUTSIDE CONDUCTOR CARRIED THROUGH

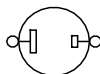


COAXIAL-OUTSIDE CONDUCTOR NOT CARRIED THROUGH



CONVENIENCE OUTLET (RECEPTACLE)

2 CONDUCTOR POLARIZED 3 CONDUCTOR POLARIZED



DELTA SYMBOLS

▲ 1 CRITICAL (DESIGNATED) GROUND

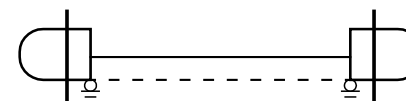
REFER TO ENGINEERING DIAGRAMS AND/OR STANDARD WIRING PRACTICES FOR SPECIAL CONDUCTIVE AND BONDING REQUIREMENTS.

▲ 2 MOISTURE RESISTANT SPLICE

IDENTICAL EQUIPMENT

▲ 3 IDENTICAL EQUIPMENT SHOWN ON THE SAME DIAGRAM WITH IDENTICAL NOMENCLATURE.

FIRE DETECTOR



CONTINUES LOOP ENGINE FIRE DETECTOR

FLAG NOTES

GENERAL



OR

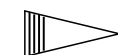


SERVICE BULLETIN FLAG



INCORPORATES:

CUSTOMER ORIGINATED CHANGE FLAG



INCORPORATES:

FUSE



GENERAL SYMBOLS

- ~ FREQUENCY
- Ω OHM OR RESISTANCE
- NEGATIVE POLARITY
- + POSITIVE POLARITY

ALL	SYMBOLS
	D280T132

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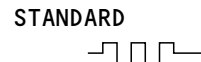
Page 1
Sheet 1
Jan 21/2005

00-00-00

Page 1
Sheet 1
Jan 21/2005

1 GENERATOR
STANDARD

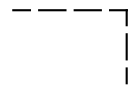
HEATER



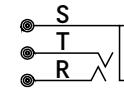
INDICATOR OR WARNING
PRESS TO TEST



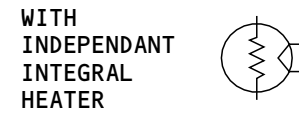
PROVISIONAL EQUIPMENT BORDER



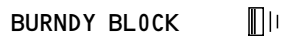
PHONE JACK



RESISTOR



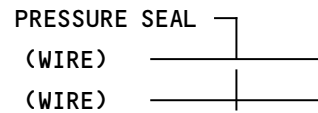
GROUND



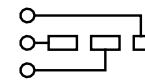
HORN



ALTERNATING-CURRENT TYPE



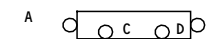
PHONE PLUG



PHOTOCELL

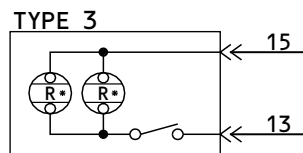
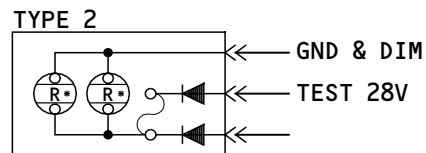
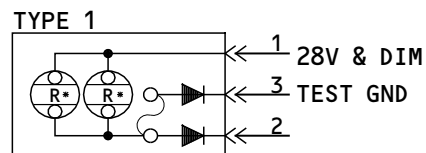


SHUNT



CRITICAL GROUND
SYMBOL

LAMP



FLUORESCENT



LOUDSPEAKER



MOTOR

STANDARD

PM MOTOR

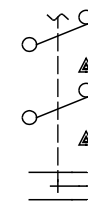


SERIES WOUND

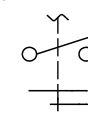


RELAY

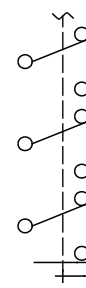
MOMENTARY ON



SINGLE POLE SINGLE THROW



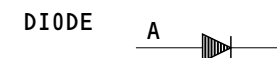
DOUBLE POLE DOUBLE THROW



SOLID STATE DEVICES

BOEING ASSIGNED TERMINAL IDENTIFICATION FOR DIODES IS:

A (ANODE)
C (CATHODE)



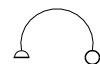
LIGHT EMITTING DIODE (LED)



ZENER DIODE



HANDSET



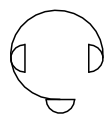
PRESS TO TALK

HEAD SET

STANDARD



BOOM MIKE



COLOR	SYMBOL
AMBER	A
BLUE	B
GREEN	G
RED	R
WHITE	W
YELLOW	Y
VIOLET	V

* COLOR OF CRYSTAL INDICATED BY LETTER

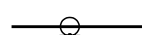
INDICATOR OR WARNING



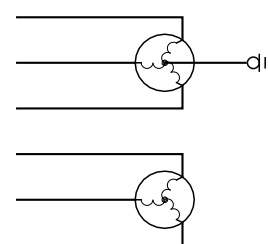
LINE WEIGHTS



COAXIAL CABLE



AC THREE PHASE



ALL

SYMBOLS

00-00-00

Page 1
Sheet 2
Jan 21/2005

D280T132

00-00-00

Page 1
Sheet 2
Jan 21/2005

1 SPLICE

SPXXXXX

INTER-BUNDLE: CONNECTS WIRES BETWEEN DIFFERENT BUNDLE NUMBERS.

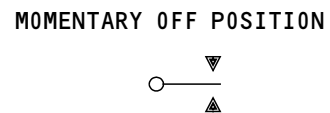
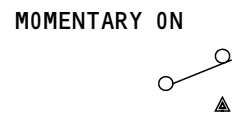
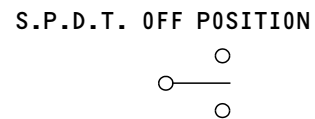
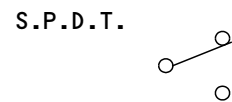
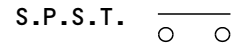
SMXXXXX

INTRA-BUNDLE: CONNECTS WIRES WITHIN THE SAME BUNDLE NUMBER.

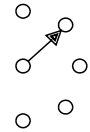
SQUIB



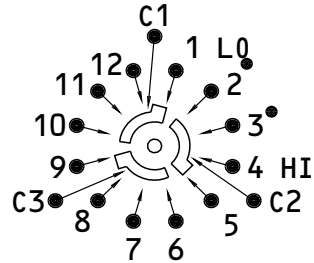
SWITCH



FIVE POSITION SELECTOR SWITCH



ROTARY-WAFER, 3 POLE 3 CIRCUIT



THERMAL SWITCH

OPENS ON RISING TEMPERATURE

CLOSES ON RISING TEMPERATURE

SWITCH/RELAY ACTUATORS

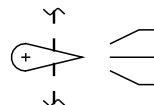
OPERATE BY TURNING

OPERATE BY PUSHING

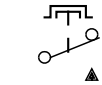
OPERATE BY PULLING

VALVE CONTROLLED

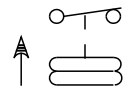
THREE POSITION TOGGLE



SHIELDED PUSH OPERATED



PRESSURE OPERATED (ARROW INDICATES DIRECTION OF BAR MOVEMENT)



CLUTCH/BRAKE ENGAGED



CLUTCH/BRAKE DISENGAGED



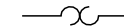
TERMINALS & SIZES

SOLDER POINT STUD SIZES

- 2
- 4
- 6
- 8
- 10
- 1/4
- 5/16
- 3/8
- 1/2

THERMAL ELEMENT

THERMOMECHANICAL TRANSDUCER



THERMOCOUPLE



TERMINAL BLOCK SYMBOLS

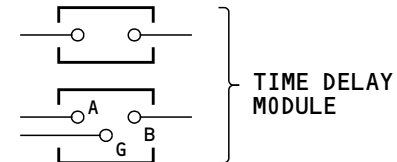
TERMINAL BLOCK DIODE

INTENDED FOR 24 THROUGH 20 GAGE WIRE

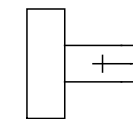
INTENDED FOR 18 THROUGH 16 GAGE WIRE

TERMINAL BLOCK RESISTOR

TIME DELAY

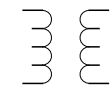


TIME DELAY RELAY

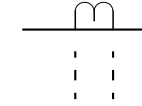


TRANSFORMER

BASIC AIR CORE



CURRENT



BASIC IRON CORE



VENDOR FURNISHED EQUIPMENT



ALL	SYMBOLS
	D280T132

00-00-00

Page 1
Sheet 3
Jan 21/2005

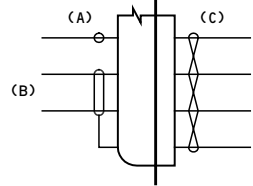
00-00-00

Page 1
Sheet 3
Jan 21/2005

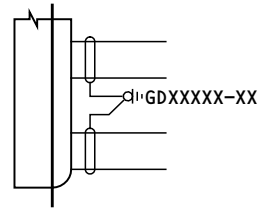
1 WIRES

ALL SHIELD SYMBOLS ARE SHOWN AT BOTH ENDS OF WIRE. ALL MULTI-CONDUCTOR SHIELDED WIRES ARE TWISTED. ALL TWIST SYMBOLS MAY ONLY BE AT THE WIRE IDENTIFICATION END.

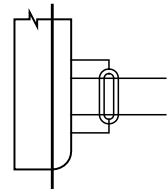
- 1 WIRE SHIELDED (A)
- 2 WIRES SHIELDED (B)
- 4 WIRES TWISTED (C)



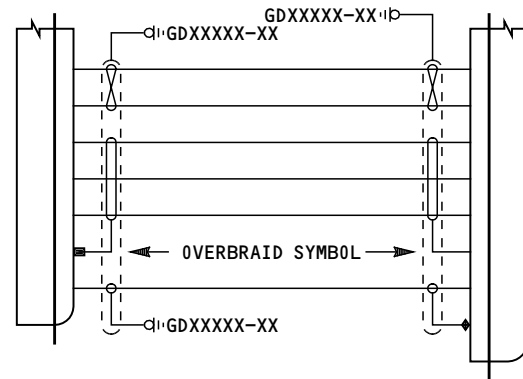
SHIELDED WIRE - SHIELD GROUNDED



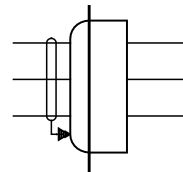
DOUBLE SHIELD



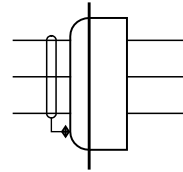
OVERBRAID SYMBOL - SHIELDED, TWISTED AND SINGLE WIRES SHOWN.



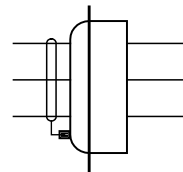
PERIPHERAL SHIELD CONNECTION TO PERIPHERAL BACKSHELL



SHIELD TERMINATION TO STRAIN RELIEF CLAMPS



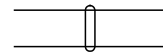
ZERO LENGTH TERMINATION TO BACKSHELL



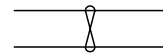
SINGLE WIRE



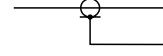
SHIELDED WIRE



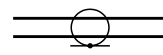
TWISTED PAIR



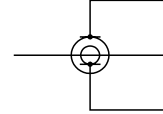
COAXIAL CABLE



TWINAXIAL CABLE



TRIAx CABLE

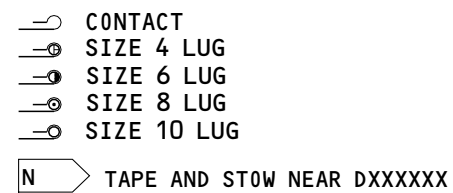


STOWED WIRES

CAPPED WIRE



TAPED TERMINAL



ALL	SYMBOLS
	D280T132

00-00-00

Page 1
Sheet 4
Jan 21/2005

00-00-00

Page 1
Sheet 4
Jan 21/2005