

CHAPTER

00

GENERAL



757-200

WIRING DIAGRAM MANUAL

CHAPTER 00 GENERAL

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

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| <u>SYMBOLS</u> | | | | | | |
| SYMBOLS | 00-00-00 | | 1 | 1 | Jan 21/2005 | ALL |
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AMPLIFIER



ANTENNA



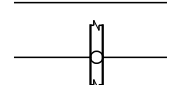
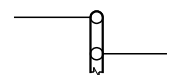
ARINC 629

BATTERY



BUS

BUS BAR WITH CONNECTIONS



BUS BAR BROKEN WHERE CONDUCTORS CROSS

CAPACITOR

GENERAL



VARIABLE



CURVED ELEMENT REPRESENTS:

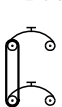
1. THE OUTSIDE ELECTRODE IN FIXED PAPER AND CERAMIC DIELECTRIC CAPACITORS.
2. THE NEGATIVE ELECTRODE IN ELECTROLYTIC CAPACITORS.
3. THE MOVING ELEMENT IN VARIABLE AND THE LOW POTENTIAL ELEMENT IN FEED THROUGH CAPACITORS.

CIRCUIT BREAKER

SINGLE PHASE



SINGLE PHASE-BUSSED



THREE PHASE



CONNECTOR

TERMINAL

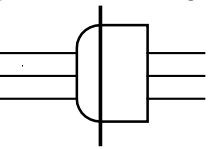


SOLDER POINT



SEPARATE CONNECTORS ENGAGED (ONE CONNECTOR SHOWN)

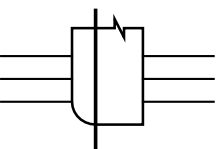
PLUG AND RECEPTACLE



COMPLETE CONNECTOR

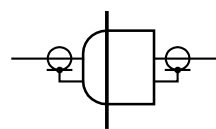
CONNECTOR SHOWN COMPLETE AS ILLUSTRATED WILL ONLY APPEAR ON ONE DIAGRAM.

BROKEN CONNECTOR

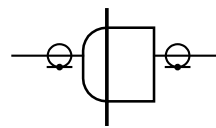


BROKEN CONNECTORS ARE SHOWN ON MORE THAN ONE WIRING DIAGRAM OR MORE THAN ONE PLACE ON THE SAME DIAGRAM. (FOR COMPLETE INFORMATION REFER TO CHAPTER 91 HOOK-UP CHARTS.)

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

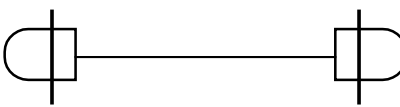
REFER TO ENGINEERING DIAGRAMS AND/OR STANDARD WIRING PRACTICES FOR SPECIAL CONDUCTIVE AND BONDING REQUIREMENTS.

2 MOISTURE RESISTANT SPLICE

IDENTICAL EQUIPMENT

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

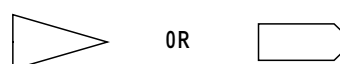
FIRE DETECTOR



CONTINUES LOOP ENGINE FIRE DETECTOR

FLAG NOTES

GENERAL



OR



SERVICE BULLETIN FLAG

CUSTOMER ORIGINATED CHANGE FLAG

FUSE



GENERAL SYMBOLS

~ FREQUENCY

Ω OHM OR RESISTANCE

NEGATIVE POLARITY

POSITIVE POLARITY

| ALL | SYMBOLS |
|-----|----------|
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1 GENERATOR

STANDARD

GROUND

STANDARD

CHASSIS

INTERNAL

BURNDY BLOCK

BURNDY BLOCK

BURNDY TRACK

CRITICAL GROUND

SYMBOL

HANDSET

PRESS TO TALK

HEAD SET

STANDARD

BOOM MIKE

HEATER

STANDARD

HORN

BASIC

BALLAST LAMP

FLUORESCENT

| 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

INDICATOR OR WARNING PRESS TO TEST

COAXIAL CABLE

PROVISIONAL EQUIPMENT BORDER

PRESSURE SEAL (WIRE) (WIRE)

LOUDSPEAKER

MOTOR

PM MOTOR

SERIES WOUND

AC THREE PHASE

PHONE JACK

PHONE PLUG

PHOTOCELL

RELAY

MOMENTARY ON

SINGLE POLE SINGLE THROW

DOUBLE POLE DOUBLE THROW

RESISTOR

GENERAL

WITH INDEPENDANT INTEGRAL HEATER

VARIABLE

WITH ADJUSTABLE CONTACT

SHUNT

SOLID STATE DEVICES

BOEING ASSIGNED TERMINAL IDENTIFICATION FOR DIODES IS:

A (ANODE)
C (CATHODE)

DIODE

LIGHT EMITTING DIODE (LED)

ZENER DIODE

SPARK IGNITER

| ALL | SYMBOLS |
|-----|----------|
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1 SPLICE

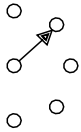
SPXXXXX

INTER-BUNDLE: CONNECTS WIRES
BETWEEN DIFFERENT BUNDLE
NUMBERS.

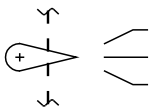
SMXXXXX

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

FIVE POSITION
SELECTOR SWITCH



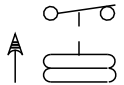
THREE POSITION TOGGLE



SHIELDED PUSH OPERATED



PRESSURE OPERATED
(ARROW INDICATES
DIRECTION OF BAR
MOVEMENT)



CLUTCH/BRAKE ENGAGED



CLUTCH/BRAKE DISENGAGED



TERMINALS & SIZES

SOLDER POINT
STUD SIZES

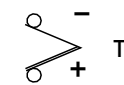
- 2
- 4
- 6
- 8
- 10
- 1/4
- 5/16
- 3/8
- 1/2

THERMAL ELEMENT

THERMOMECHANICAL
TRANSDUCER



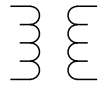
THERMOCOUPLE



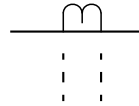
TEMP SENSOR

TRANSFORMER

BASIC AIR CORE



CURRENT



BASIC IRON CORE



SQUIB



SWITCH

S.P.S.T.



S.P.D.T.



S.P.D.T. OFF POSITION

THERMAL SWITCH

OPENS ON RISING
TEMPERATURE



CLOSES ON RISING
TEMPERATURE



SWITCH/RELAY ACTUATORS

MOMENTARY ON



MOMENTARY OFF POSITION



THREE POSITION
SELECTOR SWITCH

OPERATE BY TURNING



OPERATE BY PUSHING



OPERATE BY PULLING



VALVE CONTROLLED



TERMINAL BLOCK SYMBOLS



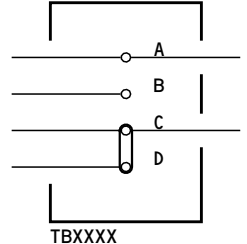
TERMINAL BLOCK DIODE

INTENDED FOR 24 THROUGH 20 GAGE WIRE

INTENDED FOR 18 THROUGH 16 GAGE WIRE

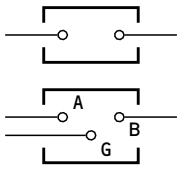
TERMINAL BLOCK RESISTOR

TERMINAL-STRIP AND BUS



TBXXXX

TIME DELAY



TIME DELAY
MODULE

TIME DELAY RELAY

VENDOR FURNISHED
EQUIPMENT



ALL

SYMBOLS

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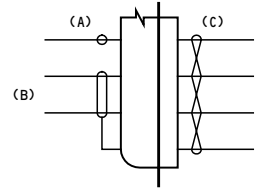
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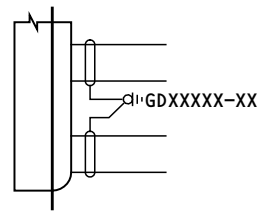
WIRES

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.

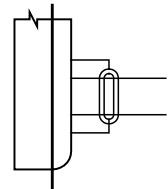
- 1 WIRE SHIELDED (A)
- 2 WIRES SHIELDED (B)
- 4 WIRES TWISTED (C)



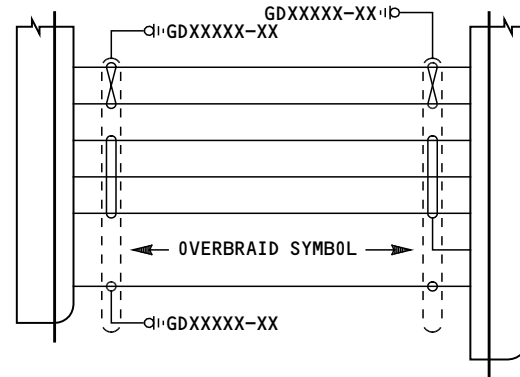
SHIELDED WIRE - SHIELD GROUNDED



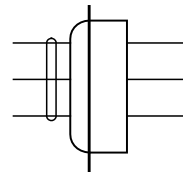
DOUBLE SHIELD



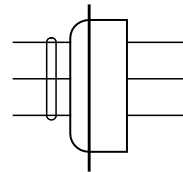
OVERBRAID SYMBOL - SHIELDED, TWISTED AND SINGLE WIRES SHOWN.



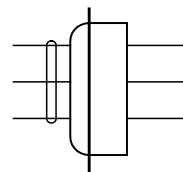
PERIPHERAL SHIELD CONNECTION TO PERIPHERAL BACKSHELL



SHIELD TERMINATION TO STRAIN RELIEF CLAMPS



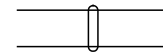
ZERO LENGTH TERMINATION TO BACKSHELL



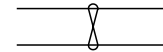
SINGLE WIRE



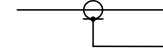
SHIELDED WIRE



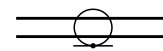
TWISTED PAIR



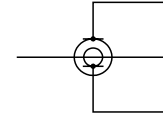
COAXIAL CABLE



TWINAXIAL CABLE



TRIAx CABLE



STOWED WIRES

CAPPED WIRE



⏏ CAP & STOW NEAR DXXXXXX

TAPED TERMINAL



- CONTACT
- SIZE 4 LUG
- SIZE 6 LUG
- SIZE 8 LUG
- SIZE 10 LUG



⏏ TAPE AND STOW NEAR DXXXXXX

ALL

SYMBOLS

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