

CHAPTER

00

GENERAL



737-700/800

WIRING DIAGRAM MANUAL

CHAPTER 00 GENERAL

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
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00-CONTENTS		1		Feb 09/2009					
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00-ALPHABETICAL INDEX		1		Jan 18/2007					
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A = Added, R = Revised, D = Deleted, O = Overflow

00-EFFECTIVE PAGES

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**737-700/800
WIRING DIAGRAM MANUAL**

**CHAPTER 00
GENERAL**

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
<u>SYMBOLS</u>						
SYMBOLS	00-00-00		1	1	Feb 09/2009	ALL
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737-700/800

WIRING DIAGRAM MANUAL

**CHAPTER 00
GENERAL**

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

00-ALPHABETICAL INDEX

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Page 1
Jan 18/2007

AMPLIFIER

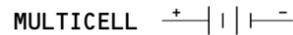


ANTENNA



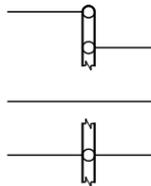
ARINC 629

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

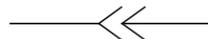
TERMINAL



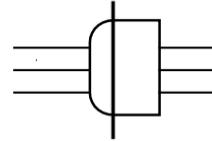
SOLDER POINT



SEPARATE CONNECTORS ENGAGED (ONE CONNECTOR SHOWN)



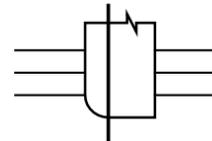
PLUG AND RECEPTACLE



COMPLETE CONNECTOR

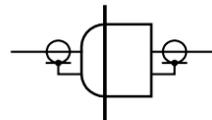
CONNECTOR SHOWN COMPLETE AS ILLUSTRATED WILL ONLY APPEAR ON ONE DIAGRAM.

BROKEN CONNECTOR

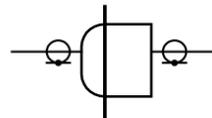


BROKEN CONNECTORS ARE SHOWN ON MORE THAN ONE WIRING DIAGRAM OR MORE THAN ONE PLACE ON THE SAME DIAGRAM. (FOR COMPLETE INFORMATION REFER TO CHAPTER 91 HOOK-UP CHARTS.)

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

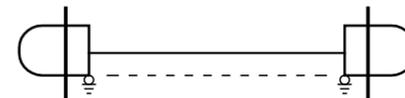
REFER TO ENGINEERING DIAGRAMS AND/OR STANDARD WIRING PRACTICES FOR SPECIAL CONDUCTIVE AND BONDING REQUIREMENTS.

▲ 2 MOISTURE RESISTANT SPLICE

IDENTICAL EQUIPMENT

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

FIRE DETECTOR



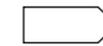
CONTINUES LOOP ENGINE FIRE DETECTOR

FLAG NOTES

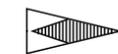
GENERAL



OR

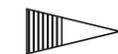


SERVICE BULLETIN FLAG



INCORPORATES:

CUSTOMER ORIGINATED CHANGE FLAG



INCORPORATES:

FUSE



GENERAL SYMBOLS

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

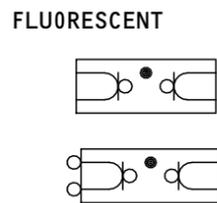
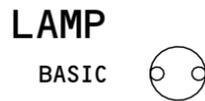
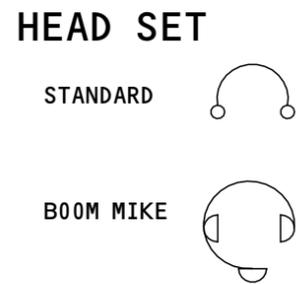
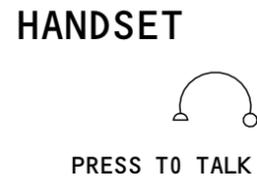
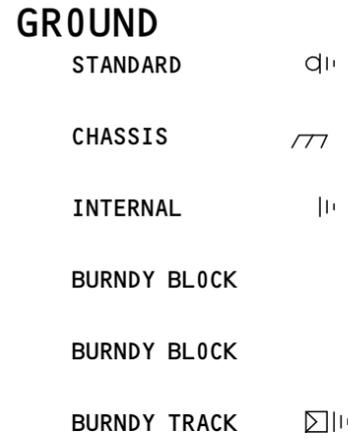
ALL	SYMBOLS
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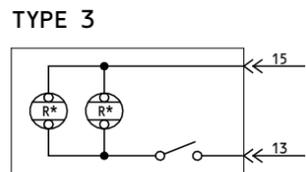
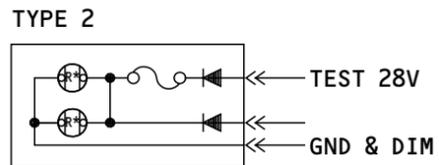
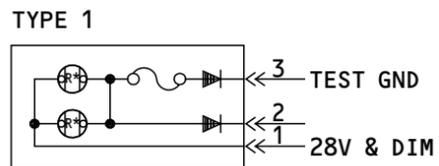
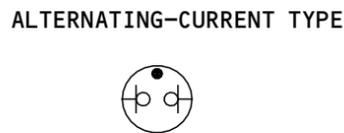
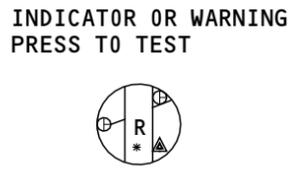
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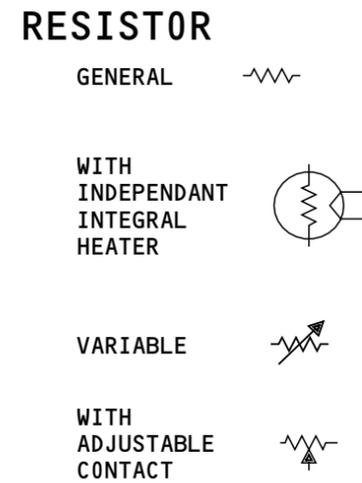
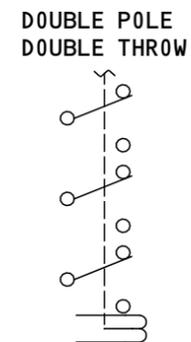
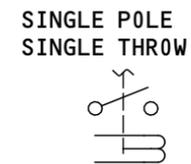
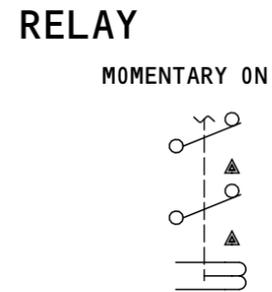
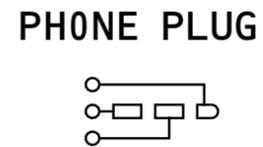
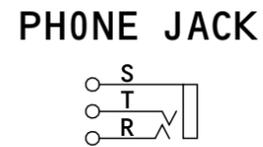
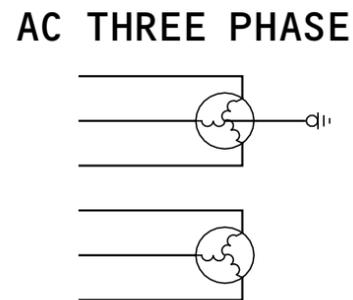
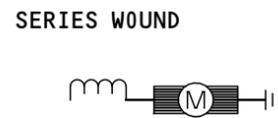
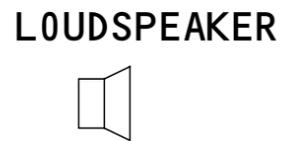
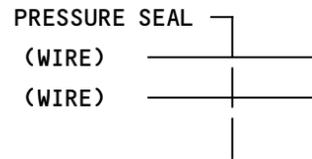
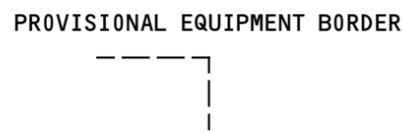
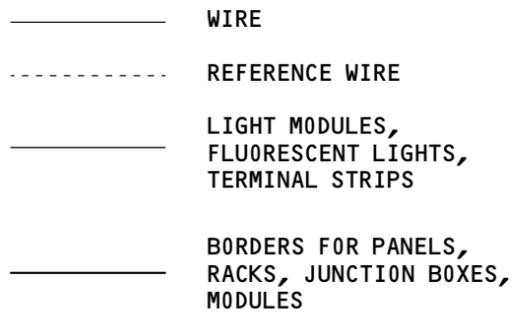


COLOR	SYMBOL
AMBER	A
BLUE	B
GREEN	G
RED	R
WHITE	W
YELLOW	Y
VIOLET	V

* COLOR OF CRYSTAL INDICATED BY LETTER



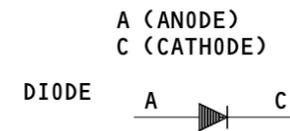
LINE WEIGHTS



SHUNT

SOLID STATE DEVICES

BOEING ASSIGNED TERMINAL IDENTIFICATION FOR DIODES IS:



SPARK IGNITER

ALL	SYMBOLS
	D280A103

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1 SPLICE

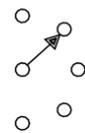
SPXXXXX

INTER-BUNDLE: CONNECTS WIRES BETWEEN DIFFERENT BUNDLE NUMBERS.

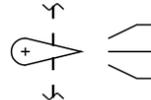
SMXXXXX

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

FIVE POSITION SELECTOR SWITCH



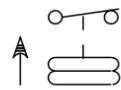
THREE POSITION TOGGLE



SHIELDED PUSH OPERATED



PRESSURE OPERATED (ARROW INDICATES DIRECTION OF BAR MOVEMENT)



CLUTCH/BRAKE ENGAGED



CLUTCH/BRAKE DISENGAGED



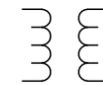
TERMINALS & SIZES

SOLDER POINT STUD SIZES

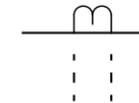
- 2
- 4
- 6
- 8
- 10
- 1/4
- 5/16
- 3/8
- 1/2

TRANSFORMER

BASIC AIR CORE



CURRENT



BASIC IRON CORE



SQUIB



SWITCH

S.P.S.T.



S.P.D.T.



S.P.D.T. OFF POSITION



MOMENTARY ON



MOMENTARY OFF POSITION



THREE POSITION SELECTOR SWITCH



THERMAL SWITCH

OPENS ON RISING TEMPERATURE



CLOSES ON RISING TEMPERATURE



SWITCH/RELAY ACTUATORS

OPERATE BY TURNING



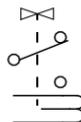
OPERATE BY PUSHING



OPERATE BY PULLING



VALVE CONTROLLED



TERMINAL BLOCK SYMBOLS

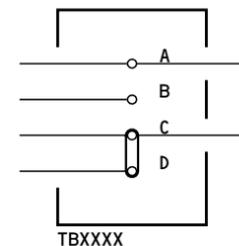
TERMINAL BLOCK DIODE

INTENDED FOR 24 THROUGH 20 GAGE WIRE

INTENDED FOR 18 THROUGH 16 GAGE WIRE

TERMINAL BLOCK RESISTOR

TERMINAL-STRIP AND BUS



TBXXXX

THERMAL ELEMENT

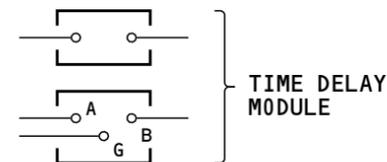
THERMOMECHANICAL TRANSDUCER



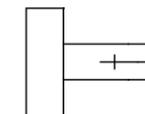
THERMOCOUPLE



TIME DELAY



TIME DELAY RELAY



VENDOR FURNISHED EQUIPMENT



VIBRATION TRANSDUCER



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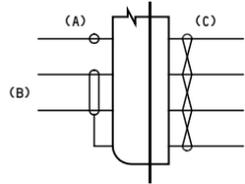
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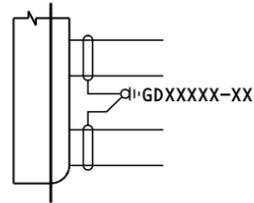
WIRES

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.

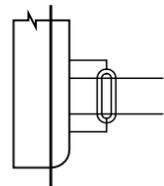
- 1 WIRE SHIELDED (A)
- 2 WIRES SHIELDED (B)
- 4 WIRES TWISTED (C)



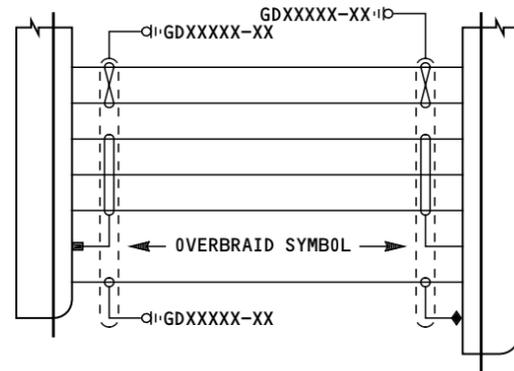
SHIELDED WIRE - SHIELD GROUNDED



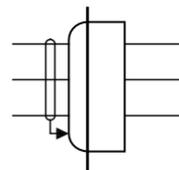
DOUBLE SHIELD



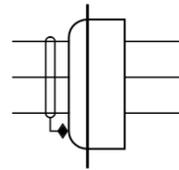
OVERBRAID SYMBOL - SHIELDED, TWISTED AND SINGLE WIRES SHOWN.



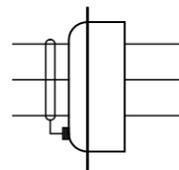
PERIPHERAL SHIELD CONNECTION TO PERIPHERAL BACKSHELL



SHIELD TERMINATION TO STRAIN RELIEF CLAMPS



ZERO LENGTH TERMINATION TO BACKSHELL



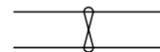
SINGLE WIRE



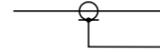
SHIELDED WIRE



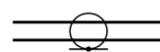
TWISTED PAIR



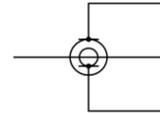
COAXIAL CABLE



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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