



- NOTES:**
- SCHEMATIC SHOWN IN A "NO POWER" STATE, NORMAL WATER PRESSURE APPLIED.
 - CUSTOMER CONNECTIONS ARE SHOWN BY MEANS OF DASHED LINES.
 - RELAY OUTPUT CONTACTS ARE RATED 8 AMPS AT 250 VAC.
 - MINIMUM OF 12" CLEARANCE MUST BE MAINTAINED BETWEEN PUMP ROOM FLOOR AND CURRENT CARRYING OR LIVE PARTS.
 - EMC-1 IS NORMALLY CLOSED, HELD OPEN WHEN O.E.E.
 - CONTROLLER SUITABLE FOR USE AS SERVICE EQUIPMENT.

*7. NOT USED UNLESS AUDIBLE ALARM IS SUPPLIED.
 8. SHOWN FOR REFERENCE ONLY. USED WHEN SUPPLIED.
 ○ - CONNECT PRIMARY TAP PER LINE VOLTAGE

REFERENCE DRAWING:
 FOR FIRE PUMP CONTROLLER FIELD CONNECTIONS, SEE DWG. NO. 27DF0011.
 FOR FIRE PUMP CONTROLLER WIRING DIAGRAM, SEE DWG. NO. 27DW0011.
 FOR LX-450 ATS SCHEMATIC DIAGRAM, SEE DWG. NO. 45DS0011.

SYMBOL	DESCRIPTION
1CT,2CT,3CT	CURRENT TRANSFORMER
CB	CIRCUIT BREAKER
CRR	MOTOR CONTACTOR RELAY
CRS	PUMP START RELAY
D1,D2	FLY-BACK DIODE
EIS	EMERGENCY ISOLATOR SWITCH
EMC-1	EMERGENCY MANUAL CONTACT
ISO	ISOLATING DISCONNECT, NORMAL
M1, M2	CONTACTOR
PX	PRESSURE TRANSDUCER
SS	SURGE SUPPRESSOR
ST	SHUNT TRIP
TB1-6	TERMINAL PLUG, BOARD MOUNTED
TB7	TERMINAL BLOCK
XFMR3	CONTROL TRANSFORMER

STANDARD LXI-2700 SCHEMATIC DIAGRAM PART WINDING STARTER FULL SERVICE FPC/ATS COMBO

M/L NO. _____
 MOTION: _____
 REF. _____

CADD NO. 27DS0011 DATE 12/04/03 DR. TR _____
 CK.DAMA APPR. _____

DRG. NO. C-27DS0011
 1 OF 1

Hubbell Industrial Controls, Inc.
 4301 Chayama Dr., Archdale, N.C. 27283

AWARD 16242 AUL. CONTACT: _____
 AWARD REFERENCE WIRING DIAGRAM NO. _____
 AWARD REFERENCE WIRING DIAGRAM NO. _____
 AWARD REFERENCE WIRING DIAGRAM NO. _____

Rev.	DATE	SY	BY	DESCRIPTION
B	04/20/04	TR	DAMA	AWARD REFERENCE WIRING DIAGRAM NO. _____
A	05/09/04	DAMA	DAMA	AWARD REFERENCE WIRING DIAGRAM NO. _____