



MOTOR CONNECTIONS SHOWN ARE FOR GENERAL INFORMATION ONLY. REFER TO MOTOR MANUFACTURER FOR ACTUAL MOTOR CONNECTIONS.

M/L NO.	STANDARD LXI-1900 SCHEMATIC DIAGRAM	CK.DAM/APPR.
MOTION:	WYE-DELTA OPEN TRANSITION STARTER	
REF.	FULL SERVICE FIRE PUMP CONTROLLER	
CADD NO.	19DS0011	DATE 12/04/03 DR. TR
Rev.		
DATE		
SYS		
BY		
DESCRIPTION		

DRG. NO. C-19DS0011
1 OF 1
Hubbell Industrial Controls, Inc.
4301 Chrysan Drive, Arden, N.C. 27203

- 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 OEE.
- CONTROLLER SUITABLE FOR USE AS SERVICE EQUIPMENT.
- *7: NOT USED UNLESS AUDIBLE ALARM IS SUPPLIED.
- 8: SHOWN FOR REFERENCE ONLY. USE WHEN SUPPLIED.
- - CONNECT PRIMARY TAP PER LINE VOLTAGE

REFERENCE DRAWING:
FOR FIRE PUMP CONTROLLER FIELD CONNECTIONS,
SEE DWG. NO. 19DF0011.

SYMBOL	DESCRIPTION
1CT,2CT,3CT	CURRENT TRANSFORMER
CB	CIRCUIT BREAKER
CRR	MOTOR CONTACTOR RELAY
CRS	PUMP START RELAY
EMC-1	EMERGENCY MANUAL CONTACT
ISO	ISOLATING DISCONNECT, NORMAL
M1,M2,S1	CONTACTORS
M2b,S1b	AUXILIARY CONTACTS
PX	PRESSURE TRANSDUCER
SS	SURGE SUPPRESSOR
ST	SHUNT TRIP
TB1-6	TERMINAL PLUG, BOARD MOUNTED
TB7	TERMINAL BLOCK
XFMR3	CONTROL TRANSFORMER

