



- NOTES:**
1. TSN AND TSE POWER POLES ARE MECHANICALLY INTERLOCKED.
 2. CONTACTS SHOWN IN "NO POWER" STATE WITH LOAD CONNECTED TO NORMAL SOURCE (TSN ACTUATED).
 3. P1 AND P2 LED LIGHTS ARE OF FIRE PUMP MICRO-CONTROLLER.
- △ SWITCHES SHOWN OPEN TO INDICATE TRANSFER THE EIS CIRCUIT BREAKER IS OPEN.
- REFERENCE DWGS.:
FIELD CONNECTIONS - 450F0011

SYMBOL	DESCRIPTION
A1,A2	NORMAL SIDE CONTROL POWER
AT1,AT2	NORMAL SIDE TRIP CONTROL POWER
AR	ALARM RELAY
AR1	AUXILIARY ALARM RELAY
BT1,B2	EMERGENCY SIDE CONTROL POWER
BT1,BT2	EMERGENCY SIDE TRIP CONTROL POWER
EIS	EMERGENCY ISOLATOR SWITCH
HORN	HORN
PB3	TEST PUSHBUTTON
PB4	BT-PASS RETRANSFER TO NORMAL P.A.
PI.1	NORMAL POWER LED LIGHT GREEN
PI.2	EMERGENCY POWER LED LIGHT RED
PI.3	EMERGENCY ISOLATION PILOT LIGHT AMBER
PTN	PHASE REVERSE MONITOR
PTN TBN	TERMINAL BLOCK
SAS	SILENCE ALARM SWITCH
TCR	TRANSFER CONTROL RELAY
TCS	TRANSFER CONTROL RELAY BOARD
TR	TIME DELAY RELAY
TSN1,2	NORMAL SIDE AUX. CONTACTS
TSE1,2	EMERGENCY SIDE AUX. CONTACTS
TSM1	NORMAL SIDE TRANSFORMER
TSM2	EMERGENCY SIDE TRANSFORMER

REV	DATE	BY	DESCRIPTION
E			
D			
C			
B			
A			

M/W/L NO.	
MOTION:	
CADD NO.	45DS0011
DRK No.	LEKINGTO\X450
DATE	10/15/03 DR. TR
CK.	DATA APRR.

STANDARD SCHEMATIC DIAGRAM	
LX-450 AUTOMATIC TRANSFER SWITCH	
FOR USE IN COMBINATION WITH FIRE PUMP CONTROLLERS	
EMERGENCY SOURCE IS A GENERATOR SET	

DRG. NO. C-45DS0011
1 OF 1

REV	DATE	BY	DESCRIPTION
E			
D			
C			
B			
A			