



LEGEND

- MOULDED CASE CIRCUIT BREAKER
- SWITCH DISCONNECTOR (ON LOAD)
- SURGE PROTECTIVE DEVICE
- MOTOR OPERATED (OR OPERATOR)
- MICROLOGIC TRIP UNIT
- ION7650 POWER QUALITY METER
- THREE-PHASE MOTOR
- FUSE
- BATTERY
- RECTIFIER
- INVERTOR
- TP&N DISTRIBUTION BOARD
- TRANSFORMER
- EMERGENCY POWER OFF BUTTON
- THYRISTOR
- SOLENOID KEY RELEASE UNIT
- CASTELL LOCK (KEY CAPTIVE)
- CASTELL LOCK (KEY REMOVED)
- REMOTE TERMINALS (ACCESSABLE FROM OUTSIDE MODULE)
- LINK
- NON AUTOMATIC

- 12 WAY BOARD/PANEL LIST:
- 1) FIRE SUPPRESSION
 - 2) LIGHTING
 - 3) SOCKET OUTLETS X2 (E25/10CU TWIN SOCKET)
 - 4&5) POWER SUPPLIES (x2) (REDUNDANCY WITH SMART-UPS)
 - 6) EMS - STRUKUREWARE - NETBOTZ (CAMERA AND DOOR POSITION)
 - 7) DX CONTROLLER - DAMPER FAN, EVAPORATOR FAN, AND MICROPROCESSOR CIRCUIT

For Kirk Key operation, see Key Interlock Scheme Square D Dwg# K27913783-003-01

REV	DESCRIPTION	DRWN	DATE	ENGR	DATE	APPR	DATE
P1	PRELIMINARY ISSUE	OK	15-08-12	OK	15-08-12	AL	15-08-12
P2	CONTROL MODIFICATIONS	OK	15-08-12	OK	15-08-12	AL	15-08-12
P3	EXTENDED RUN FEATURE ADDED	OK	15-08-12	OK	15-08-12	AL	15-08-12
P4	MODULE NO. TAGS ADDED	OK	02-10-12	OK	02-10-12	AL	02-10-12
P5	SCHNEIDER COMMENTS INCORPORATED	OK	15-08-12	OK	15-08-12	AL	15-08-12
P6	SCHNEIDER COMMENTS INCORPORATED	OK	15-08-12	OK	15-08-12	AL	15-08-12
P7	SCHNEIDER COMMENTS INCORPORATED	OK	15-08-12	OK	15-08-12	AL	15-08-12
P8	SCHNEIDER COMMENTS INCORPORATED	OK	15-08-12	OK	15-08-12	AL	15-08-12
P9	SCHNEIDER COMMENTS INCORPORATED	OK	15-08-12	OK	15-08-12	AL	15-08-12
P10	MOVE AUX PANEL TO PRIMARY BUS, CHANGE PLC AREA	LW	22/08/14	BT	22/08/14		

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250kW EMER POWER MODULE
Electrical Single Line Diagram

Drawn by: PFMPE0250EB One Line
Checked: ED
Approved: ED