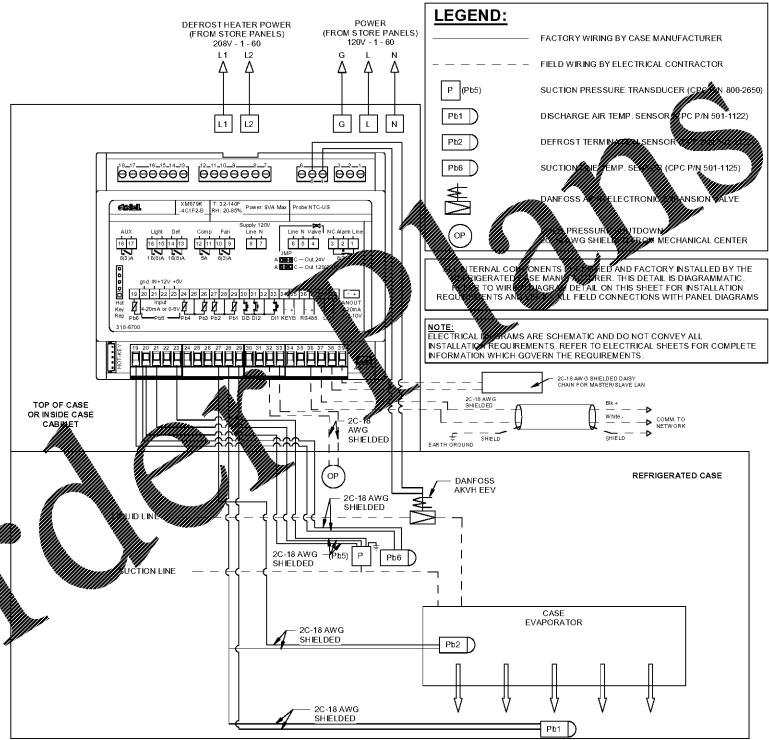


ALL REFRIGERATED CASES REQUIRING REMOTE REFRIGERATION SHALL BE PROVIDED WITH FACTORY INSTALLED EMERSON CASE CONTROLLER BOARDS AS INDICATED ON THIS DETAIL. CASE MANUFACTURER SHALL ALSO FACTORY INSTALL ALL REQUIRED TEMPERATURE PROBES, PRESSURE TRANSDUCERS, ELECTRIC EXPANSION VALVES, BREAKERS, AND RELAYS AS REQUIRED. ALL COMPONENTS SHALL BE FACTORY PRE-WIRED TO MAXIMUM EXTENT TO CASE CONTROLLER AND TERMINAL BLOCK AS INDICATED ON THIS DETAIL. THE ENTIRE INSTALLATION SHALL FOLLOW EMERSON RECOMMENDATIONS.

1 REFRIG - DETAILED CASE CONTROLLER WIRING DIAGRAM (REFRIGERATED CASES)
SCALE: N.T.S.

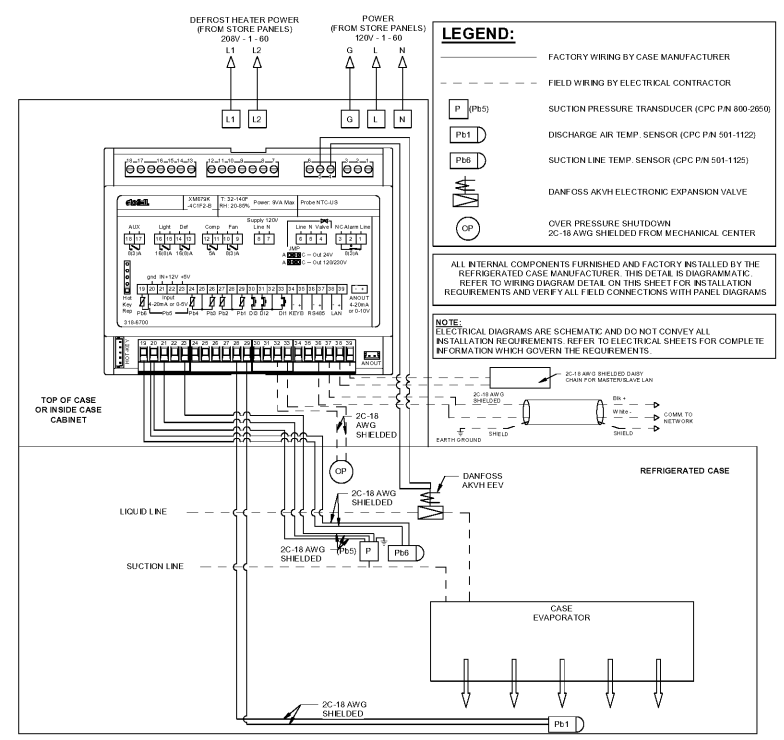
CONNECTED TO RACK #1						
CIRCUIT	CASE CONTROLLER	QUANTITY	TYPE	DIAGRAM DETAIL	FACTORY INSTALLED	FIELD INSTALLED
12	DRELL	1	CASE	2/5.1	X	
13A	DRELL	1	CASE	2/5.1	X	
13B	DRELL	1	CASE	2/5.1	X	
14A	DRELL	1	CASE	2/5.1	X	
14B	DRELL	1	CASE	2/5.1	X	
15	DRELL	1	CASE	2/5.1	X	
16	DRELL	1	CASE	2/5.1	X	
20	DRELL	1	CASE	2/5.1	X	
102	DRELL	1	WALK-IN	1/5.2		X
104	DRELL	1	WALK-IN	1/5.2		X
105A / 105B	DRELL	2	WALK-IN	2/5.2		X
112	DRELL	1	WALK-IN	1/5.2		X
115	DRELL	1	WALK-IN	1/5.2		X
1A	DRELL	1	CASE	2/5.1	X	
1B	DRELL	1	CASE	2/5.1	X	
2A	DRELL	1	CASE	2/5.1	X	
2B	DRELL	1	CASE	2/5.1	X	
3A	DRELL	1	CASE	2/5.1	X	
3B	DRELL	1	CASE	2/5.1	X	
4	DRELL	1	CASE	2/5.1	X	
5A	DRELL	1	CASE	2/5.1	X	
5B	DRELL	1	CASE	2/5.1	X	
6A	DRELL	1	CASE	2/5.1	X	
6B	DRELL	1	CASE	2/5.1	X	
7A	DRELL	1	CASE	2/5.1	X	
7B	DRELL	1	CASE	2/5.1	X	
8A	DRELL	1	CASE	2/5.1	X	
8B	DRELL	1	CASE	2/5.1	X	
8C	DRELL	1	CASE	2/5.1	X	
9A	DRELL	1	CASE	2/5.1	X	
9B	DRELL	1	CASE	2/5.1	X	
10A	DRELL	1	CASE	2/5.1	X	
10B	DRELL	1	CASE	2/5.1	X	
11A	DRELL	1	CASE	2/5.1	X	
11B	DRELL	1	CASE	2/5.1	X	
32	DRELL	1	CASE	2/5.1	X	

CONNECTED TO RACK #2						
CIRCUIT	CASE CONTROLLER	QUANTITY	TYPE	DIAGRAM DETAIL	FACTORY INSTALLED	FIELD INSTALLED
17A	DRELL	1	CASE	3/5.1	X	
17B	DRELL	1	CASE	3/5.1	X	
18A	DRELL	1	CASE	3/5.1	X	
18B	DRELL	1	CASE	3/5.1	X	
19	DRELL	1	CASE	3/5.1	X	
21	DRELL	1	CASE	3/5.1	X	
22A	DRELL	1	CASE	3/5.1	X	
22B	DRELL	1	CASE	3/5.1	X	
22C	DRELL	1	CASE	3/5.1	X	
23A	DRELL	1	CASE	3/5.1	X	
23B	DRELL	2	CASE	3/5.1	X	
24A	DRELL	1	CASE	3/5.1	X	
24B	DRELL	1	CASE	3/5.1	X	
25A	DRELL	1	CASE	3/5.1	X	
25B	DRELL	1	CASE	3/5.1	X	
26A	DRELL	1	CASE	3/5.1	X	
26B	DRELL	1	CASE	3/5.1	X	
26C	DRELL	1	CASE	3/5.1	X	
101	DRELL	1	WALK-IN	1/5.3		X
105A / 105B	DRELL	2	WALK-IN	2/5.3		X
107	DRELL	1	WALK-IN	1/5.3		X
109	DRELL	1	WALK-IN	1/5.3		X
27	DRELL	1	CASE	3/5.1	X	
28	DRELL	1	CASE	3/5.1	X	
29	DRELL	1	CASE	3/5.1	X	
30	DRELL	1	CASE	3/5.1	X	
31A	DRELL	1	CASE	3/5.1	X	
31B	DRELL	1	CASE	3/5.1	X	
31C	DRELL	1	CASE	3/5.1	X	
33A	DRELL	1	CASE	3/5.1	X	
33B	DRELL	1	CASE	3/5.1	X	
34A	DRELL	1	CASE	3/5.1	X	
34B	DRELL	1	CASE	3/5.1	X	
35A	DRELL	1	CASE	3/5.1	X	
35B	DRELL	1	CASE	3/5.1	X	
37	DRELL	1	CASE	3/5.1	X	
38A	DRELL	1	CASE	3/5.1	X	
38B	DRELL	1	CASE	3/5.1	X	
39A	DRELL	1	CASE	3/5.1	X	
39B	DRELL	1	CASE	3/5.1	X	
40A	DRELL	1	CASE	3/5.1	X	
40B	DRELL	1	CASE	3/5.1	X	
41C	DRELL	1	CASE	3/5.1	X	
42A	DRELL	1	CASE	3/5.1	X	
42B	DRELL	1	CASE	3/5.1	X	
43A	DRELL	1	CASE	3/5.1	X	
43B	DRELL	1	CASE	3/5.1	X	
43C	DRELL	1	CASE	3/5.1	X	
43D	DRELL	1	CASE	3/5.1	X	
43E	DRELL	1	CASE	3/5.1	X	
44	DRELL	1	CASE	3/5.1	X	
45	DRELL	1	CASE	3/5.1	X	
46	DRELL	1	CASE	3/5.1	X	
47	DRELL	1	CASE	3/5.1	X	
48A	DRELL	1	CASE	3/5.1	X	
48B	DRELL	1	CASE	3/5.1	X	
49A	DRELL	1	CASE	3/5.1	X	
49B	DRELL	1	CASE	3/5.1	X	
50A	DRELL	1	CASE	3/5.1	X	
50B	DRELL	1	CASE	3/5.1	X	
50C	DRELL	1	CASE	3/5.1	X	
110A / 110B	DRELL	2	WALK-IN	2/5.3		X
111	DRELL	1	WALK-IN	3/5.3		X
113	DRELL	1	WALK-IN	3/5.3		X
114A / 114B	DRELL	2	WALK-IN	2/5.3		X
115A / 115B	DRELL	2	WALK-IN	2/5.3		X
116	DRELL	1	WALK-IN	2/5.3		X
117	DRELL	1	WALK-IN	2/5.3		X



LEGEND:
 - - - - - FACTORY WIRING BY CASE MANUFACTURER
 - - - - - FIELD WIRING BY ELECTRICAL CONTRACTOR
 P (Pb5) SUCTION PRESSURE TRANSDUCER (CPC P/N 800-2650)
 Pb1 DISCHARGE AIR TEMP. SENSOR (CPC P/N 501-1122)
 Pb2 DEFROST TERMINAL SENSOR
 Pb6 SUCTION LINE TEMP. SENSOR (CPC P/N 501-1125)
 DANFOSS AKVH ELECTRONIC EXPANSION VALVE
 CP OVER PRESSURE SHUTDOWN (20-18 AWG SHELDED FROM MECHANICAL CENTER)
 NOTE: ELECTRICAL DIAGRAMS ARE SCHEMATIC AND DO NOT CONVEY ALL INSTALLATION REQUIREMENTS. REFER TO ELECTRICAL SHEETS FOR COMPLETE INFORMATION WHICH GOVERN THE REQUIREMENTS.

2 REFRIG - CASE CONTROLLER WIRING DIAGRAM (ELECTRIC DEFROST, REFRIG. CASE)
SCALE: N.T.S.



LEGEND:
 - - - - - FACTORY WIRING BY CASE MANUFACTURER
 - - - - - FIELD WIRING BY ELECTRICAL CONTRACTOR
 P (Pb5) SUCTION PRESSURE TRANSDUCER (CPC P/N 800-2650)
 Pb1 DISCHARGE AIR TEMP. SENSOR (CPC P/N 501-1122)
 Pb6 SUCTION LINE TEMP. SENSOR (CPC P/N 501-1125)
 DANFOSS AKVH ELECTRONIC EXPANSION VALVE
 CP OVER PRESSURE SHUTDOWN (20-18 AWG SHELDED FROM MECHANICAL CENTER)
 NOTE: ELECTRICAL DIAGRAMS ARE SCHEMATIC AND DO NOT CONVEY ALL INSTALLATION REQUIREMENTS. REFER TO ELECTRICAL SHEETS FOR COMPLETE INFORMATION WHICH GOVERN THE REQUIREMENTS.

3 REFRIG - CASE CONTROLLER WIRING DIAGRAM (TIMED-OFF DEFROST, REFRIG. CASE)
SCALE: N.T.S.

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48.10
SIENNA-LITE
CASE
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1/8" = 1'-0"

R5.1

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