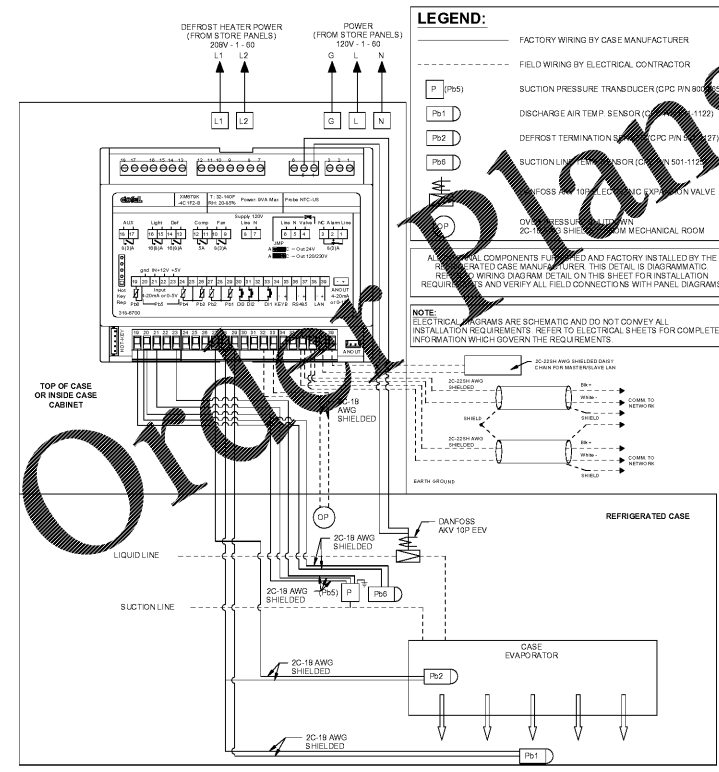


ALL REFRIGERATED CASES REQUIRING REMOTE REFRIGERATION SHALL BE PROVIDED WITH FACTORY INSTALLED EMERSON CASE CONTROLLER BOARDS AS INDICATED ON THIS DETAIL. CASE MANUFACTURERS SHALL ALSO FACTORY INSTALL ALL REQUIRED TEMPERATURE PROBE, PRESSURE TRANSDUCERS, ELECTRIC EXPANSION VALVES, BREAKERS, AND RELAYS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

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

CASE CONTROLLER SCHEDULE LOW TEMP - UNIT 1				
CIRCUIT	SUBGROUP	SERIES	DIAGRAM	FIELD
1A	1	CASE	275.1	x
1B	1	CASE	275.1	x
4	1	CASE	275.1	x
5A	2	CASE	275.1	y
5B	2	CASE	275.1	x
6A	1	CASE	275.1	x
6B	1	CASE	275.1	x
7A	2	CASE	275.1	x
7B	2	CASE	275.1	x
8A	1	CASE	275.1	x
8B	1	CASE	275.1	x
9A	1	CASE	275.1	x
9B	1	CASE	275.1	x
10A	1	CASE	275.1	x
10B	1	CASE	275.1	y
11A	1	CASE	275.1	x
11B	1	CASE	275.1	x
12A	1	CASE	275.1	x
12B	1	CASE	275.1	x
13A	2	CASE	275.1	x
13B	1	CASE	275.1	x
14	2	WALK-IN	275.2	x
15	1	WALK-IN	275.2	x
16	1	WALK-IN	275.2	x
17	1	WALK-IN	275.2	x
20	1	CASE	275.1	x
25	2	WALK-IN	275.2	y
29	1	WALK-IN	275.2	x
33	1	CASE	275.1	x

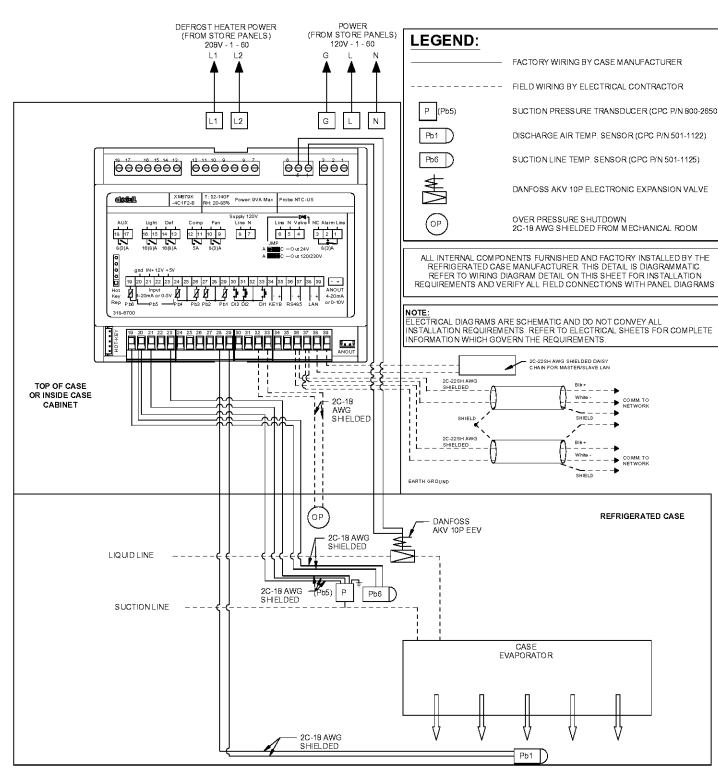
CASE CONTROLLER SCHEDULE MED TEMP - UNIT 2				
CIRCUIT	SERIES	DIAGRAM	FACTORY	FIELD
21A	CASE	275.1	x	INSTALLED
21B	CASE	275.1	x	INSTALLED
22A	CASE	275.1	x	INSTALLED
22B	CASE	275.1	x	INSTALLED
22C	CASE	275.1	x	INSTALLED
23	CASE	275.1	x	INSTALLED
24A	CASE	275.1	x	INSTALLED
24B	CASE	275.1	x	INSTALLED
24C	CASE	275.1	x	INSTALLED
26	WALK-IN	275.3	x	INSTALLED
27	WALK-IN	275.3	x	INSTALLED
28	WALK-IN	275.3	x	INSTALLED
30	WALK-IN	275.3	x	INSTALLED
31A	WALK-IN	275.3	x	INSTALLED
31B	WALK-IN	275.3	x	INSTALLED
32A	WALK-IN	275.3	x	INSTALLED
32B	WALK-IN	275.3	x	INSTALLED
34	CASE	275.1	x	INSTALLED
35	CASE	275.1	x	INSTALLED
36	CASE	275.1	x	INSTALLED
37A	CASE	275.1	x	INSTALLED
37B	CASE	275.1	x	INSTALLED
38	CASE	275.1	x	INSTALLED
39A	CASE	275.1	x	INSTALLED
39B	CASE	275.1	x	INSTALLED
40	CASE	275.1	x	INSTALLED
40B	CASE	275.1	x	INSTALLED
41A	CASE	275.1	x	INSTALLED
41B	CASE	275.1	x	INSTALLED
41C	CASE	275.1	x	INSTALLED
42	WALK-IN	275.3	x	INSTALLED
44	WALK-IN	275.3	x	INSTALLED
45A	CASE	275.1	x	INSTALLED
45B	CASE	275.1	x	INSTALLED
45C	CASE	275.1	x	INSTALLED
45D	CASE	275.1	x	INSTALLED
46E	CASE	275.1	x	INSTALLED
46A	CASE	275.1	x	INSTALLED
46B	CASE	275.1	x	INSTALLED
47	CASE	275.1	x	INSTALLED
48A	CASE	275.1	x	INSTALLED
48B	CASE	275.1	x	INSTALLED
49	CASE	275.1	x	INSTALLED
50A	CASE	275.1	x	INSTALLED
50B	CASE	275.1	x	INSTALLED
51A	CASE	275.1	x	INSTALLED
51B	CASE	275.1	x	INSTALLED
52A	CASE	275.1	x	INSTALLED
52B	CASE	275.1	x	INSTALLED
53	CASE	275.1	x	INSTALLED



LEGEND:
 - FACTORY WIRING BY CASE MANUFACTURER
 - FIELD WIRING BY ELECTRICAL CONTRACTOR
 P (Pns) SUCTION PRESSURE TRANSDUCER (CPC PN 900-2650)
 Pn1 DISCHARGE AIR TEMP SENSOR (CPC PN 501-1122)
 Pn2 DEFROST TERMINATION SENSOR (CPC PN 501-1122)
 Pn3 SUCTION LINE TEMP SENSOR (CPC PN 501-1125)
 DP DANFOSS AVY 10P ELECTRONIC EXPANSION VALVE
 OS OVER PRESSURE SHUTDOWN (CPC PN 900-2650)
 OS-18 2C-18 AWG SHIELDED FROM MECHANICAL ROOM

NOTE: ELECTRICAL DIAGRAMS ARE SCHEMATIC AND DO NOT CONVEY ALL INSTALLATION REQUIREMENTS. REFER TO ELECTRICAL SHEETS FOR COMPLETE INFORMATION WHICH GOVERN THE REQUIREMENTS.

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 (Pns) SUCTION PRESSURE TRANSDUCER (CPC PN 900-2650)
 Pn1 DISCHARGE AIR TEMP SENSOR (CPC PN 501-1122)
 Pn2 SUCTION LINE TEMP SENSOR (CPC PN 501-1125)
 DP DANFOSS AVY 10P ELECTRONIC EXPANSION VALVE
 OS OVER PRESSURE SHUTDOWN (CPC PN 900-2650)
 OS-18 2C-18 AWG SHIELDED FROM MECHANICAL ROOM

NOTE: ELECTRICAL DIAGRAMS ARE SCHEMATIC AND DO NOT CONVEY ALL INSTALLATION REQUIREMENTS. REFER TO ELECTRICAL SHEETS FOR COMPLETE INFORMATION WHICH GOVERN THE REQUIREMENTS.

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

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