

UNLESS OTHERWISE SPECIFIED ALL
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCE:
X, = ±
X,X = ±
X,XX = ±
ANGLES = ± ° HOLE DIA = +
CONFORMS TO ASME Y14.5M-1994.

TRANE

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DRAWN BY: JUNE YANG

© TRANE DATE: 22-JUN-2018

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THIRD ANGLE PROJECTION

57229370

SHEET
1 OF 4

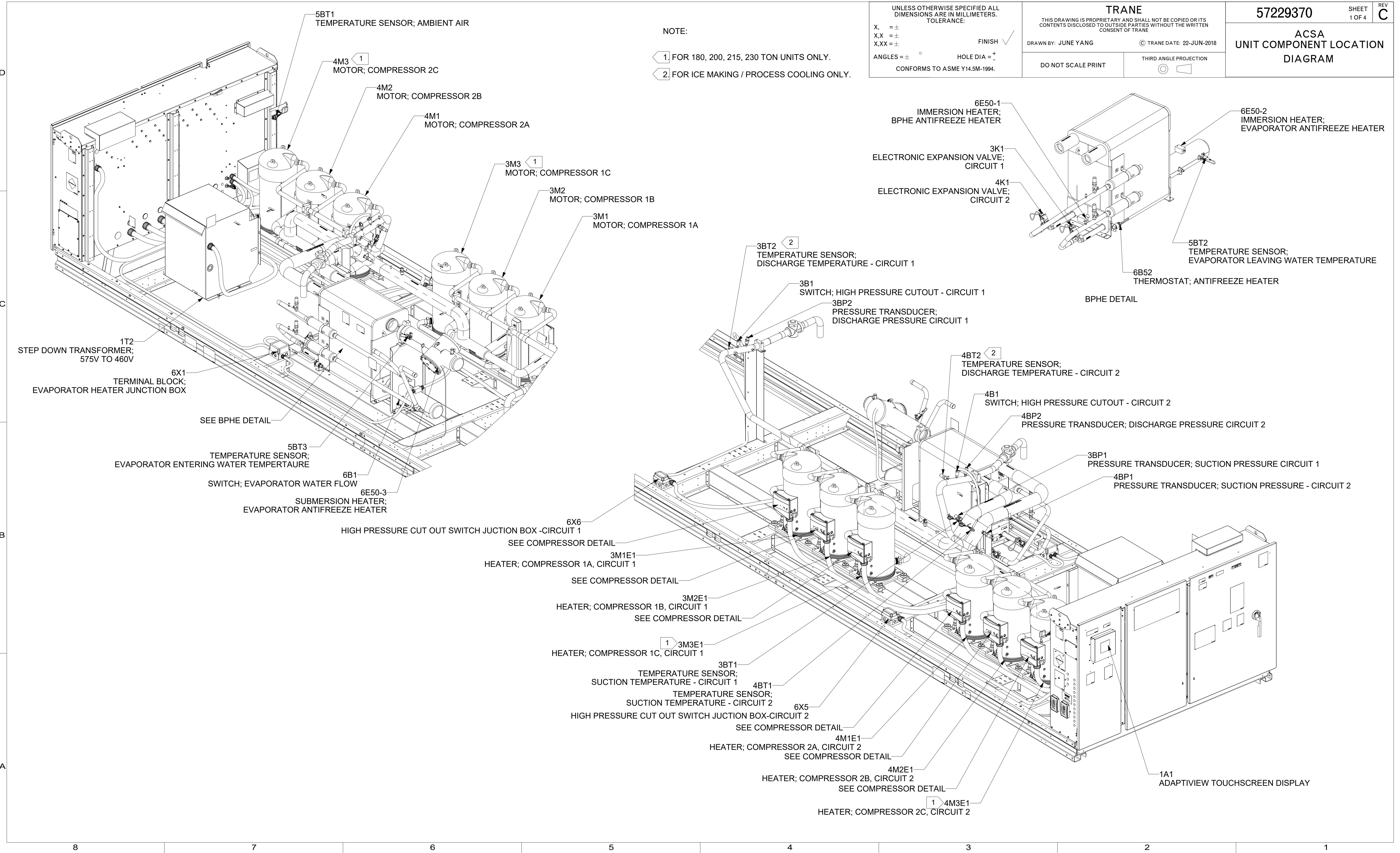
REV
C

ACSA
UNIT COMPONENT LOCATION
DIAGRAM

NOTE:

1. FOR 180, 200, 215, 230 TON UNITS ONLY.

2. FOR ICE MAKING / PROCESS COOLING ONLY.



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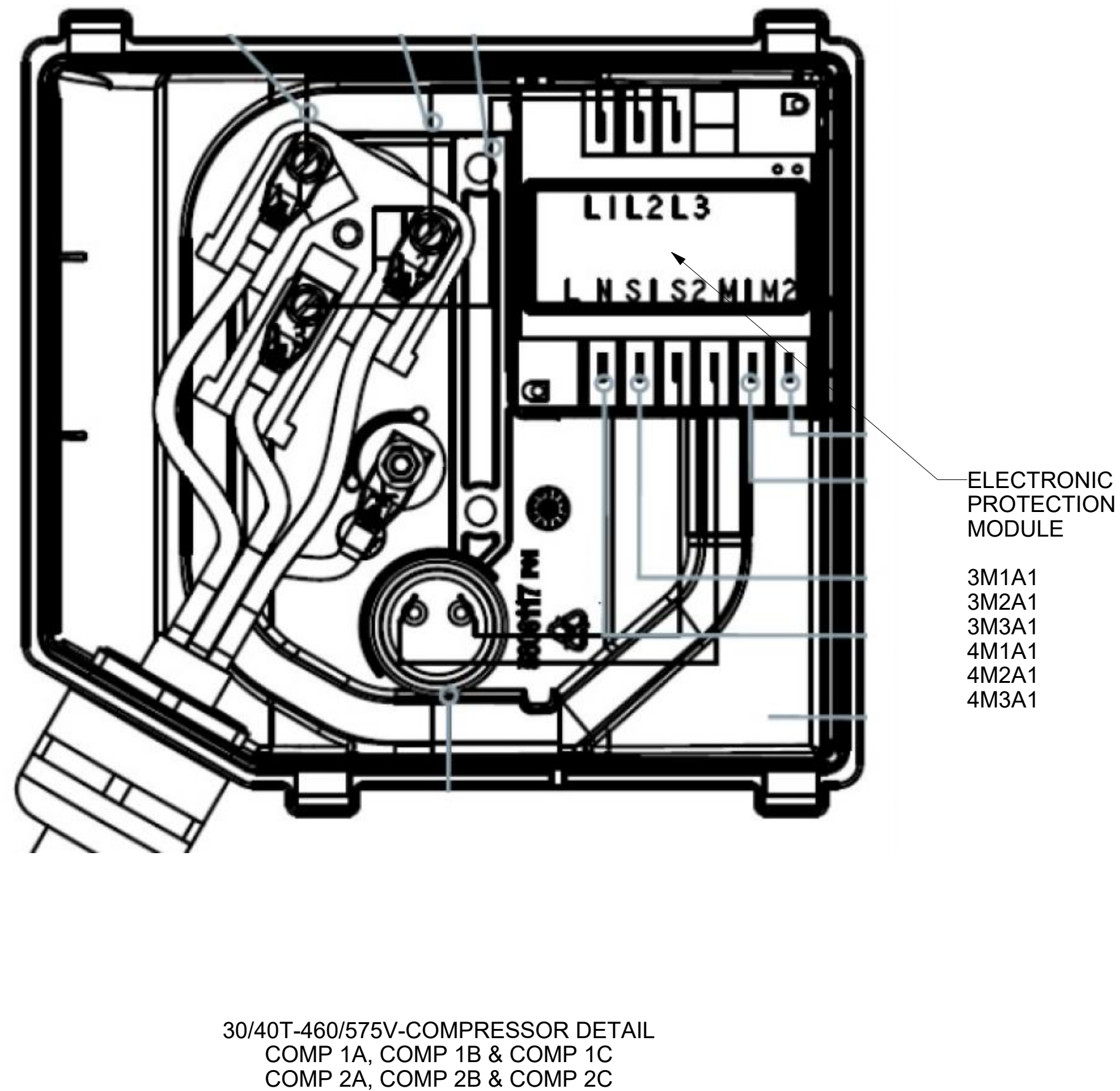
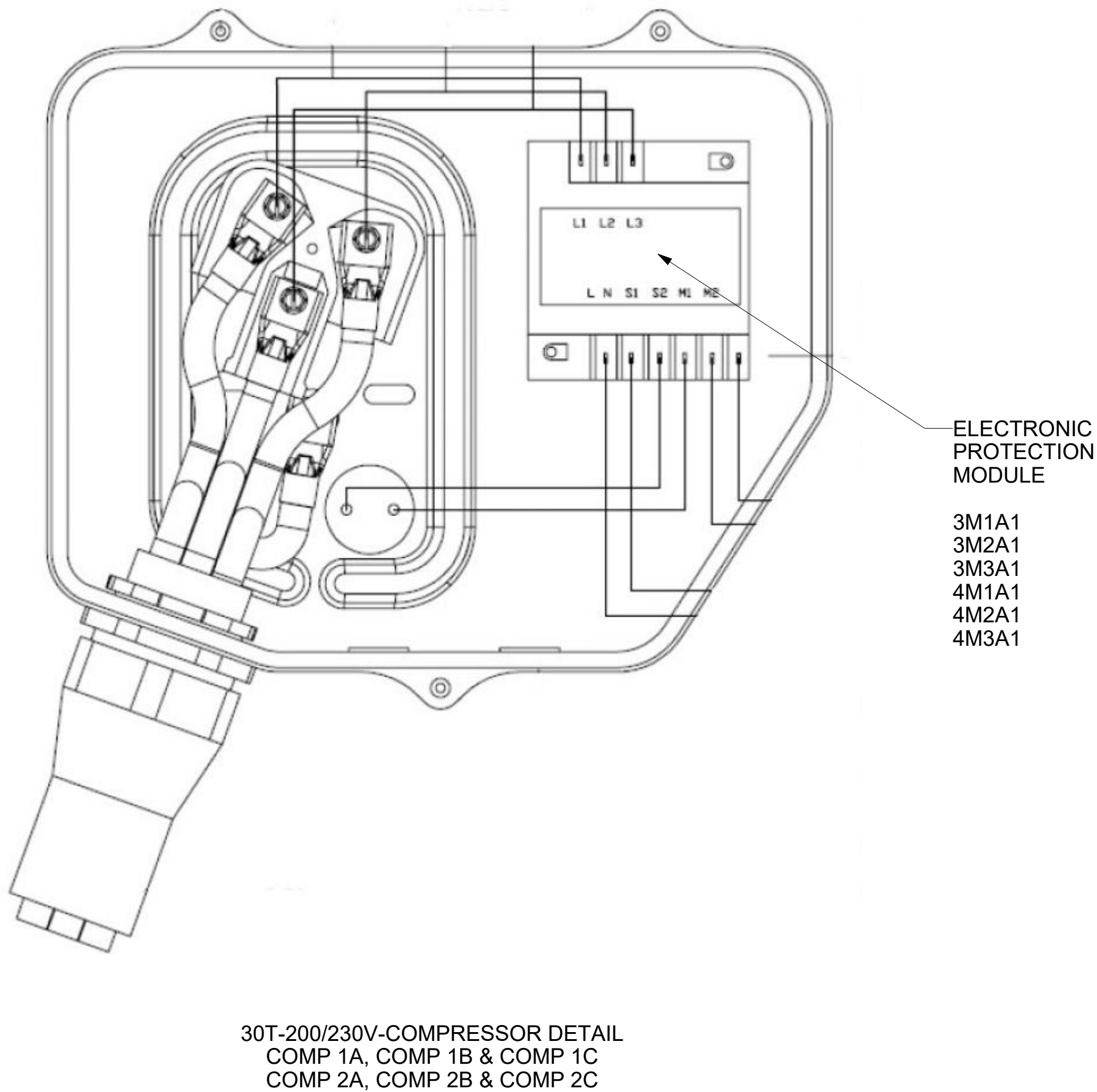
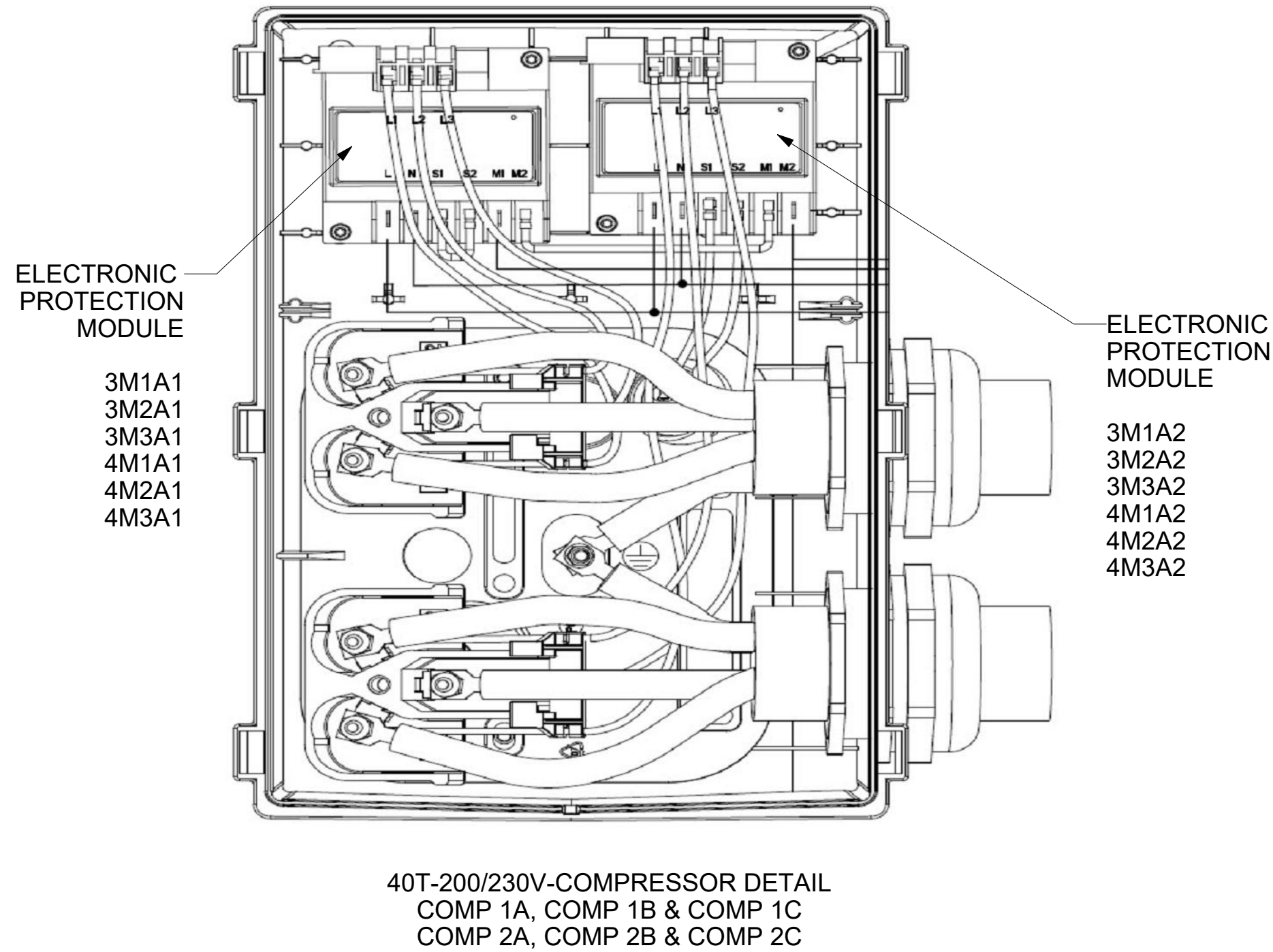
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SHEET
2 OF 4

REV
C

ACSA
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DIAGRAM



DEVICE	DESCRIPTION	DEVICE	DESCRIPTION
1A1	ADAPTIVIEW TOUCHSCREEN DISPLAY	6F22	FUSE; CLASS CC - PUMP PACKAGE - L3
1T1	STEP DOWN TRANSFORMER; 575V TO 460V	6K50	MODULE; EVAPORATOR PUMP INVERTER CONTROL
3B1	SWITCH; HIGH PRESSURE CUTOUT - CIRCUIT 1	6K51	MODULE; EVAPORATOR PUMP INVERTER FAULT
3BP1	PRESSURE TRANSDUCER; SUCTION PRESSURE CIRCUIT 1	6K52	MODULE; EVAPORATOR PUMP INVERTER SPEED
3BT1	TEMPERATURE SENSOR; SUCTION TEMPERATURE - CIRCUIT 1	6M14	MOTOR; PUMP PACKAGE - PUMP 1
3BP2	PRESSURE TRANSDUCER; DISCHARGE PRESSURE CIRCUIT 1	6M15	MOTOR; PUMP PACKAGE - PUMP 2
3K1	ELECTRONIC EXPANSION VALVE; CIRCUIT 1	6T1	AFD; PUMP PACKAGE - PUMP 1
3M1	MOTOR; COMPRESSOR 1A	6T2	AFD; PUMP PACKAGE - PUMP 2
3M1A1	ELECTRONIC PROTECTION MODULE, COMPRESSOR 1A, CIRCUIT 1	6X1	TERMINAL BLOCK; EVAPORATOR HEATER JUNCTION BOX
3M1A2	ELECTRONIC PROTECTION MODULE, COMPRESSOR 1A, CIRCUIT 1	6X2	TERMINAL BLOCK; WATER PIPE HEATER JUNCTION BOX
3M1E1	HEATER; COMPRESSOR 1A, CIRCUIT 1	6X3	TERMINAL BLOCK; PUMP MOTOR HEATER JUNCTION BOX
3M2	MOTOR; COMPRESSOR 1B	6X4	TERMINAL BLOCK; PUMP AFD CONTROL AND GLOBAL BUS CONNECTION
3M2A1	ELECTRONIC PROTECTION MODULE, COMPRESSOR 1B, CIRCUIT 1	6X6	HIGH PRESSURE CUT OUT SWITCH JUNCTION BOX-CIRCUIT 1
3M2A2	ELECTRONIC PROTECTION MODULE, COMPRESSOR 1B, CIRCUIT 1	6X5	HIGH PRESSURE CUT OUT SWITCH JUNCTION BOX-CIRCUIT 2
3M2E1	HEATER; COMPRESSOR 1B, CIRCUIT 1	6M14E1	HEATER; PUMP PACKAGE PUMP 1
3M3	MOTOR; COMPRESSOR 1C	6M15E1	HEATER; PUMP PACKAGE PUMP 2
3M3A1	ELECTRONIC PROTECTION MODULE, COMPRESSOR 1C, CIRCUIT 1		
3M3A2	ELECTRONIC PROTECTION MODULE, COMPRESSOR 1C, CIRCUIT 1		
3M3E1	HEATER; COMPRESSOR 1C, CIRCUIT 1		
3M11	MOTOR; CONDENSER FAN - CIRCUIT 1		
3M12	MOTOR; CONDENSER FAN - CIRCUIT 1		
3M13	MOTOR; CONDENSER FAN - CIRCUIT 1		
3M14	MOTOR; CONDENSER FAN - CIRCUIT 1		
3M15	MOTOR; CONDENSER FAN - CIRCUIT 1		
3M16	MOTOR; CONDENSER FAN - CIRCUIT 1		
3M32	MOTOR; CONDENSER FAN - CIRCUIT 1		
4B1	SWITCH; HIGH PRESSURE CUTOUT - CIRCUIT 2		
4BP1	PRESSURE TRANSDUCER; SUCTION PRESSURE - CIRCUIT 2		
4BT1	TEMPERATURE SENSOR; SUCTION TEMPERATURE - CIRCUIT 2		
4BP2	PRESSURE TRANSDUCER; DISCHARGE PRESSURE CIRCUIT 2		
4K1	ELECTRONIC EXPANSION VALVE; CIRCUIT 2		
4M1	MOTOR; COMPRESSOR 2A		
4M1A1	ELECTRONIC PROTECTION MODULE, COMPRESSOR 2A, CIRCUIT 2		
4M1A2	ELECTRONIC PROTECTION MODULE, COMPRESSOR 2A, CIRCUIT 2		
4M1E1	HEATER; COMPRESSOR 2A, CIRCUIT 2		
4M2	MOTOR; COMPRESSOR 2B		
4M2A1	ELECTRONIC PROTECTION MODULE, COMPRESSOR 2B, CIRCUIT 2		
4M2A2	ELECTRONIC PROTECTION MODULE, COMPRESSOR 2B, CIRCUIT 2		
4M2E1	HEATER; COMPRESSOR 2B, CIRCUIT 2		
4M3	MOTOR; COMPRESSOR 2C		
4M3A1	ELECTRONIC PROTECTION MODULE, COMPRESSOR 2C, CIRCUIT 2		
4M3A2	ELECTRONIC PROTECTION MODULE, COMPRESSOR 2C, CIRCUIT 2		
4M3E1	HEATER; COMPRESSOR 2C, CIRCUIT 2		
4M11	MOTOR; CONDENSER FAN - CIRCUIT 2		
4M12	MOTOR; CONDENSER FAN - CIRCUIT 2		
4M13	MOTOR; CONDENSER FAN - CIRCUIT 2		
4M14	MOTOR; CONDENSER FAN - CIRCUIT 2		
4M15	MOTOR; CONDENSER FAN - CIRCUIT 2		
4M16	MOTOR; CONDENSER FAN - CIRCUIT 2		
4M31	MOTOR; CONDENSER FAN - CIRCUIT 2		
5BT2	TEMPERATURE SENSOR; EVAPORATOR LEAVING WATER TEMPERATURE		
5BT3	TEMPERATURE SENSOR; EVAPORATOR ENTERING WATER TEMPERATURE		
6B1	SWITCH; EVAPORATOR WATER FLOW		
6B52	THERMOSTAT; ANTIFREEZE HEATER		
6B53	THERMOSTAT; ANTIFREEZE HEATER		
6E50-1	IMMERSION HEATER; BPHE ANTIFREEZE HEATER		
6E50-2	IMMERSION HEATER; EVAPORATOR ANTIFREEZE HEATER		
6E50-3	IMMERSION HEATER; EVAPORATOR ANTIFREEZE HEATER		
6E51-1	HEAT TAPE; PUMP PACKAGE		
6E51-2	HEAT TAPE; PUMP PACKAGE		
6E51-3	HEAT TAPE; PUMP PACKAGE		
6E51-4	HEAT TAPE; PUMP PACKAGE		
6E51-5	HEAT TAPE; PUMP PACKAGE		
6F20	FUSE; CLASS CC - PUMP PACKAGE - L1		
6F21	FUSE; CLASS CC - PUMP PACKAGE - L2		

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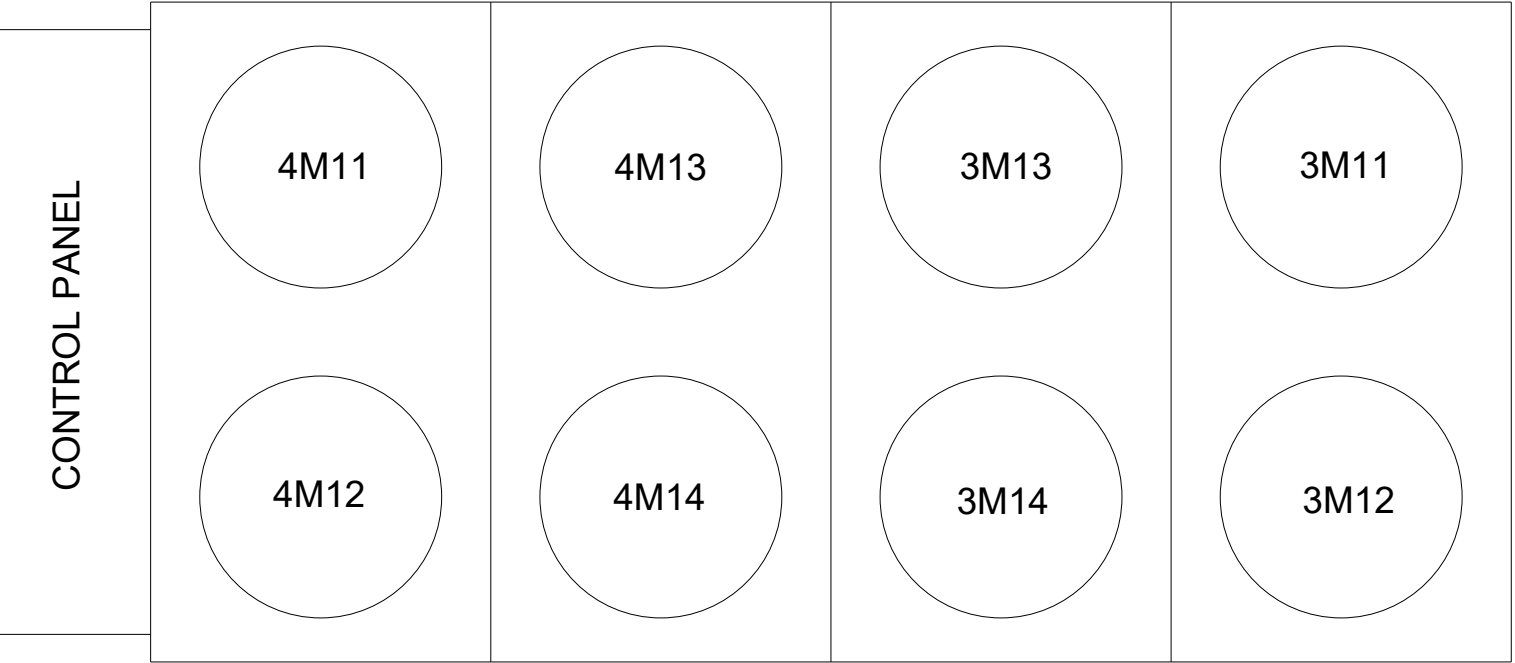
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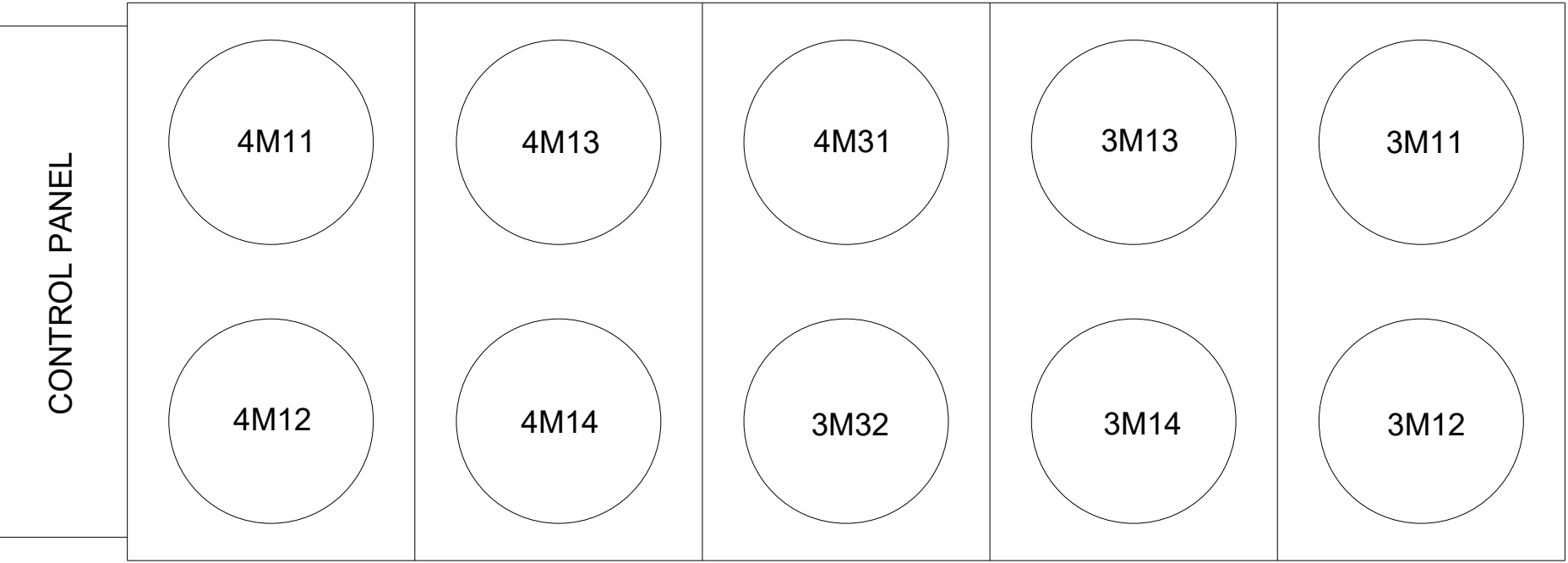
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SHEET 4 OF 4
REV C

ACSA
UNIT COMPONENT LOCATION
DIAGRAM

FAN LAYOUT
140T, 160T



FAN LAYOUT
180T, 200T



FAN LAYOUT
215T, 230T

