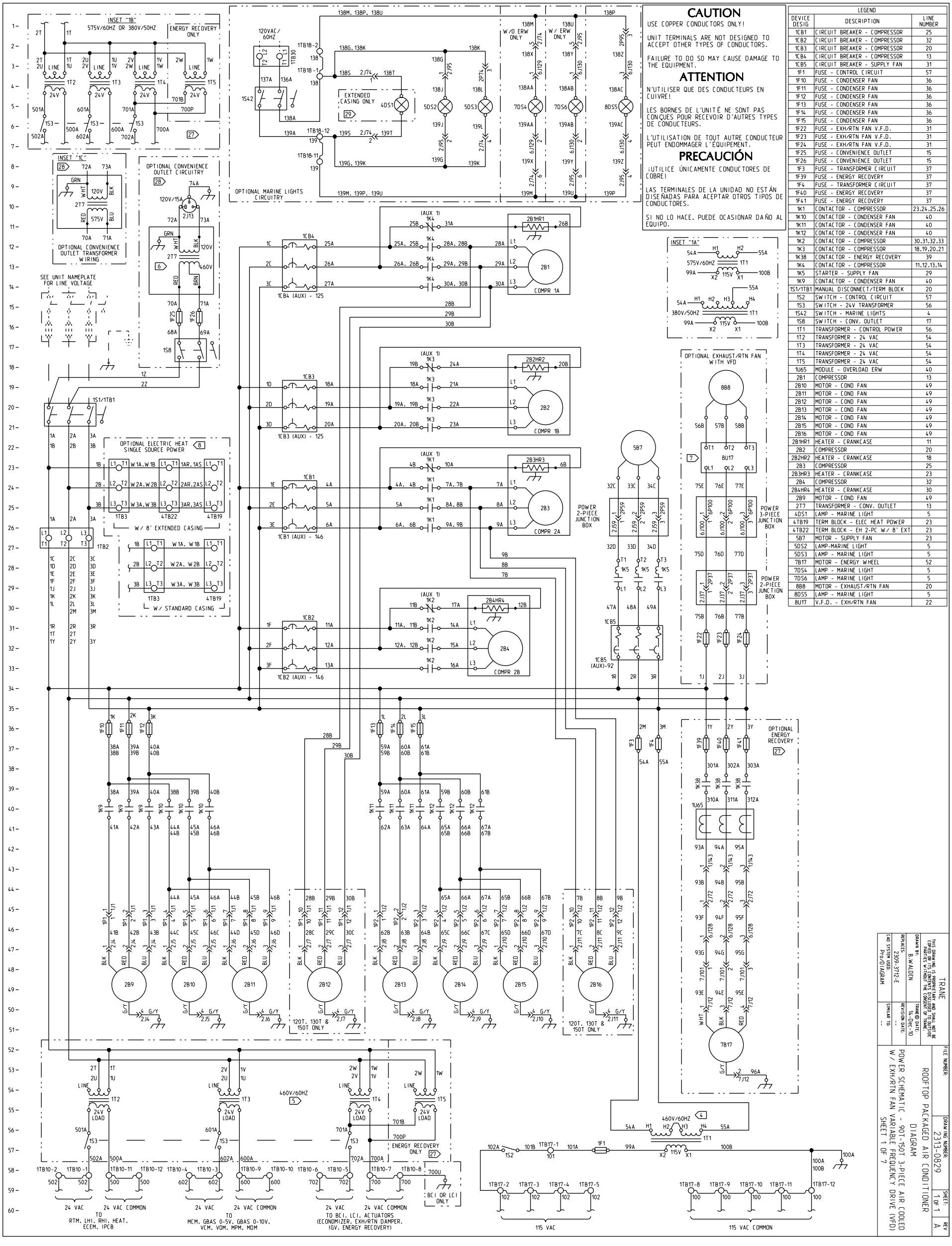

LEGEND		
DEVICE DESIG	DESCRIPTION	LINE NUMBER
1CB1	CIRCUIT BREAKER - COMPRESSOR	25
1CB2	CIRCUIT BREAKER - COMPRESSOR	32
1CB3	CIRCUIT BREAKER - COMPRESSOR	20
1CB4	CIRCUIT BREAKER - COMPRESSOR	13
1CB5	CIRCUIT BREAKER - SUPPLY FAN	31
1F1	FUSE - CONTROL CIRCUIT	57
1F10	FUSE - CONDENSER FAN	36
1F11	FUSE - CONDENSER FAN	36
1F12	FUSE - CONDENSER FAN	36
1F13	FUSE - CONDENSER FAN	36
1F14	FUSE - CONDENSER FAN	36
1F15	FUSE - CONDENSER FAN	36
1F22	FUSE - EXH/RTN FAN V.F.D.	31
1F23	FUSE - EXH/RTN FAN V.F.D.	31
1F24	FUSE - EXH/RTN FAN V.F.D.	31
1F25	FUSE - CONVENIENCE OUTLET	15
1F26	FUSE - CONVENIENCE OUTLET	15
1F3	FUSE - TRANSFORMER CIRCUIT	37
1F39	FUSE - ENERGY RECOVERY	37
1F4	FUSE - TRANSFORMER CIRCUIT	37
1F40	FUSE - ENERGY RECOVERY	37
1F41	FUSE - ENERGY RECOVERY	37
1K1	CONTACTOR - COMPRESSOR	23.24.25.26
1K10	CONTACTOR - CONDENSER FAN	40
1K11	CONTACTOR - CONDENSER FAN	40
1K12	CONTACTOR - CONDENSER FAN	40
1K2	CONTACTOR - COMPRESSOR	30.31.32.33
1K3	CONTACTOR - COMPRESSOR	18.19.20.21
1K38	CONTACTOR - ENERGY RECOVERY	39
1K4	CONTACTOR - COMPRESSOR	11.12.13.14
1K5	STARTER - SUPPLY FAN	29
1K9	CONTACTOR - CONDENSER FAN	40
1S1/1TB1	MANUAL DISCONNECT/TERM BLOCK	20
1S2	SWITCH - CONTROL CIRCUIT	57
1S3	SWITCH - 24V TRANSFORMER	56
1S42	SWITCH - MARINE LIGHTS	4
1S8	SWITCH - CONV. OUTLET	17
1T1	TRANSFORMER - CONTROL POWER	56
1T2	TRANSFORMER - 24 VAC	54
1T3	TRANSFORMER - 24 VAC	54
1T4	TRANSFORMER - 24 VAC	54
1T5	TRANSFORMER - 24 VAC	54
1U65	MODULE - OVERLOAD ERW	40
2B1	COMPRESSOR	13
2B10	MOTOR - COND FAN	49
2B11	MOTOR - COND FAN	49
2B12	MOTOR - COND FAN	49
2B13	MOTOR - COND FAN	49
2B14	MOTOR - COND FAN	49
2B15	MOTOR - COND FAN	49
2B16	MOTOR - COND FAN	49
2B1HR1	HEATER - CRANKCASE	11
2B2	COMPRESSOR	20
2B2HR2	HEATER - CRANKCASE	18
2B3	COMPRESSOR	25
2B3HR3	HEATER - CRANKCASE	23
2B4	COMPRESSOR	32
2B4HR4	HEATER - CRANKCASE	30
2B9	MOTOR - COND FAN	49
2T7	TRANSFORMER - CONV. OUTLET	13
4DS1	LAMP - MARINE LIGHT	5
4TB19	TERM BLOCK - ELEC HEAT POWER	23
4TB22	TERM BLOCK - EH 2-PC W/ 8' EXT	23
5B7	MOTOR - SUPPLY FAN	23
5DS2	LAMP-MARINE LIGHT	5
5DS3	LAMP - MARINE LIGHT	5
7B17	MOTOR - ENERGY WHEEL	52
7DS4	LAMP - MARINE LIGHT	5
7DS6	LAMP - MARINE LIGHT	5
8B8	MOTOR - EXHAUST/RTN FAN	20
8DS5	LAMP - MARINE LIGHT	5
8U17	V.F.D. - EXH/RTN FAN	22

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TRANE

DRAWN BY: B.W.ALDEN
REPLACES: 2309-3712-E
CAD SYSTEM USED: ProDIAGRAM
TRANE® DATE: 14-DEC-10
REVISION DATE: --
SIMILAR TO: --

FILE NUMBER:

ROOFTOP PACKAGED AIR CONDITIONER DIAGRAM

POWER SCHEMATIC - 90T-150T 3-PIECE AIR COOLED W/ EXH/RTN FAN VARIABLE FREQUENCY DRIVE (VFD)

SHEET 1 OF 7

DRAWING NUMBER: 2313-0829
SHEET: 1 OF 1
REV: A