460-3-60
Per Nameplate

29 L1 L2 L3 Toggle 17 Disconnect
T1 T2 T3
248 Red | 249 Black | 250 Yellow
Power Terminal Block 16

62 HC1 239 Yellow | 230 Yellow | Yellow 235 Yellow 237
61 HC1 238 Black | 231 Black | Black 234 Black
60 HC1 240 Red | 232 Red | T2 Red 233 Red 236
62 HC1 242 Yellow | 230 Yellow | Yellow 235 Yellow 237
61 HC1 241 Black | 231 Black | Black 234 Black
60 HC1 243 Red | 232 Red | Red 233 Red 236

63 Red
22 255 24V -24V com TB 16 position
64 Black
Red/White 65 24V TB 12 position

66 Red | 67 Black | 68 Yellow | 72 Red | 73 Black | 74 Yellow

C NC 70 Black
Red 69 CCH
71 Black Red 214 Compressor 1
Black 214
Yellow 214
Comp Contactor 1

C NC 76 Black
Red 75 CCH
77 Black Red 78 Compressor 2
Black 78
Yellow 78
Comp Contactor 2

21 Phase Monitor 1
79 Red L1 Yout To CC1
80 Black L2 Y From CCM1
81 Yellow L3 C Black/White 200

21 Phase Monitor 2
84 Red L1 Yout To CC2
85 Black L2 Y From CCM2
86 Yellow L3 C Black/White 200

94 Blower Motor 253
87 Red L1 PE
88 Black L2 RSA Black
89 Yellow L3 GND RSB White Shield

93 Fan Motor 254
90 Red L1 PE
91 Black L2 RSA Black
92 Yellow L3 GND RSB White Shield

To TB 37/2 + -
Two Conductor Shielded Cable
Note: Connect drain to motor side only.

TB 24V 255 Black/White
98 Red/White
MODBUS from Supervisory Controller White 36 Black 1
Blower and Fan MODBUS Communication White 37 Black 2
Two Conductor Shielded Cable 96
256 White Black White Black
From J6 BSM

Red 38 3
Red 39 4
40 5 Blue 100 DI1
41 6 Yellow 102 HPAL R1 Com NO Yellow 101 DI2
42 7 Yellow 104 HPAL R2 Com NO Yellow 103 DI3
43 8 Orange 105 DI4
44 9 Orange/White 107 DI5
45 10 Orange/White 108 DI6
46 11 Black/Green 109 DI7 GND
47 12 Black 110 B1
48 13 Black 111 B2
49 14 Black/Red 113 B3
50 15 Brown/White 114 B4
51 16 Blue 115 B5
52 17 Blue 116 B6
53 18 Black/Green 117 B7 GND
54 19 Grey 118 +VDC
55 20 Black/Green 119 GND
56 21 Brown/White 120 Y1
57 22 Brown/White 121 Y2
58 23 Brown/White 122 Y3
59 24 Brown/White 123 Y4
60 25 Orange 124 B8
61 26 Orange 125 B9
62 27 Black 126 B10
Black 127 B11
Black 128 B12 GND
Black/Green 129 GND
Orange/Black 130 DI8
Orange/Black 131 DI9
Orange/Black 132 DI10
Black/Green 133 GND

+5VR GND +Vdc
G G0

DISPLAY PORT
Field Bus 2 + -
Field Bus 1 + -

Blue/White 99
Blue/White AFS1 Blue/White 220
Orange DFS1 Orange 221
Black RAT 172 Black/Green 173
Black SAT 174 Black 175
V in OATH 176 Temp.Green Temp.White
4-20mA Black
Red 177 SP1 Black Blue
Red 178 DP1 Black Orange
Red

TB 24V
Red 24Vac GND 2-10 vdc LEFT DAMPER White
Red/White 24Vac GND Ain Y EXHAUST DAMPER Brown/White
Black/White 184 Red 24Vac GND 2-10 vdc RIGHT DAMPER White
Black
183 182
ECONOMIZER UNIT ONLY

Red 188
Red 189 SP 2 Black Blue
DP 2 Black Orange
Black 191 [ST1] Black
Black 192 [ST2] Black
219 FDS1 194 Purple Purple FDS2 Purple/White 195
(Left) DS1 197 Orange/Black NC C Black/Green
(Exhaust) DS2 199 Orange NC C Black/Green
190 193 198 196

TB 24V
Red/White 134
Black/White 200

(Right) DS3 199 Yellow NC C Black/Green 198
Black 204 FS1 Black 203
Black 205 FS2 Black
206 Dust Sensor ACG GND AC V+ 207
Black/White
Black/Green White
TB 24V Red/Wht
Black 209 LLT1 Black 208
Black 210 LLT2 Black
Black 211 MAT Black

63 28 Orange/Black 135
64 29 Black 137
65 30 Black/Green 138
66 31 Black 139
67 32 Blue 140
68 33 (Spare) Gray 141
69 34 Black/Green 142
70 35 Gray 143
Black 144
Black 145
Black/Green 147

U 1 U 2 U 3 GND U 4 U 5 U 6 GND J2 U 7 U 8 U 9 U 10 GND J9 +5VR GND +Vdc

DIP SWITCH
SHADED REPRESENTS SWITCH LOCTION
4 3 2 1 4 3 2 1
On Off
Address Ext Baud Prot
13 C. pcoe

J1 G G0 Vbat
J10 NO1 C1/2 NO2
J11 NO3 C3/4/5 NO4 C3/4/5 N05
J12 NO6 NC6 C6

J6 BSM
Gnd Tx/Rx
95 Black White
Two Conductor Shielded Cable.
To FieldBus 1

EEV2 212
EEV1 213

148 TB 24V Red/White
Yellow
Blue
Yellow
148 Red/White
C1 NO1 NO2 NO3
C2 NO4 NO5 NO6
NO7 C7 NC7
C8 N8 NO9 NO10 NO11 NO12
148 Red/White
148 Red/White
163 Red/White R Filter Light Black/White 164 TB Black/White 255

150 23
19 Comp Contactor Coil 1
HPC Red
HPC CC Yellow/Red Y Y0 Yellow/Red C3 Black/White
151 152 255
CCM 1
TB 24V 156 Red/White
R ALR Pink 154 HPALA 1 R1 24 255 Black/White
149
Yellow 153 Y C 255 Black/White
LPC 155 BLUE
157 Unloader Solinoid
Blue TB 255 Black/White
20 Heat Contactor Coil 1
Blue 160 C1 255 Black/White
Heat Contactor Coil 2
Blue 162 C2 255 Black/White

158
Phase Monitor 2
19 Comp Contactor Coil 2
HPC Red 166
HPC CC Yellow/Red Y Y0 Yellow/Red C3 Black/White
167 168 255
CCM 2
TB 24V 165 Red/White
R ALR Pink 170 HPALA 2 R2 24 Black/White 255
158 169
Yellow Yellow 158 Y C Black/White 255
LPC 171 BLUE

AFS	AIR FLOW SWITCH
CB	CIRCUIT BREAKER
CCH	CRANKCASE HEATER
DS	DAMPER SWITCH
DFS	DIRTY FILTER SWITCH
DP	DISCHARGE PRESSURE
EEV	ELECTRONIC EXPANSION VALVE
FDS	FAN DISABLE SWITCH
FS	FREEZE SENSOR
HPALA	HIGH PRESSURE ALARM
HPC	HIGH PRESSURE CONTROL
LLT	LIQUID LINE TEMPERATURE
MAT	MIXTURE AIR TEMPERATURE
OATH	OUTDOOR TEMP. AND HUMIDITY SENSOR
RAT	RETURN AIR TEMPERATURE
SAT	SUPPLY AIR TEMPERATURE
SP	SUCTION PRESSURE
ST	SUCTION TEMPERATURE
(R)	RELAY COIL
(C)	CONTACTOR COIL
▭	TB= TERMINAL BLOCK
(L)	FILTER LIGHT

4212-302 C