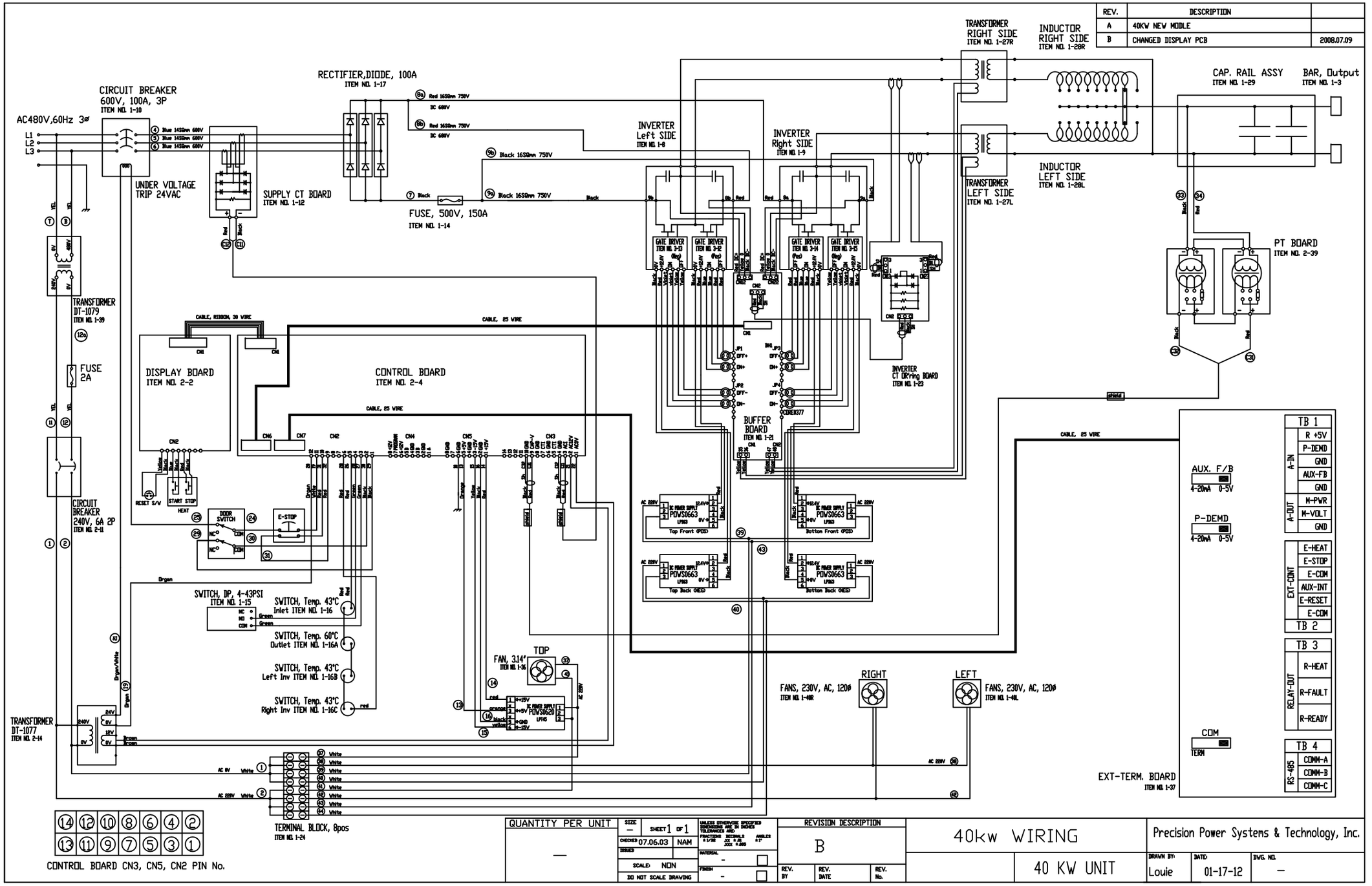
REV. | DESCRIPTION
A | 40KW NEW MODLE
B | CHANGED DISPLAY PCB | 2008.07.09
AC480V,60Hz 3ø
L1
L2
L3
CIRCUIT BREAKER
600V, 100A, 3P
ITEM NO. 1-10
UNDER VOLTAGE
TRIP 24VAC
SUPPLY CT BOARD
ITEM NO. 1-12
RECTIFIER,DIODE, 100A
ITEM NO. 1-17
FUSE, 500V, 150A
ITEM NO. 1-14
INVERTER
Left SIDE
ITEM NO. 1-8
INVERTER
Right SIDE
ITEM NO. 1-9
TRANSFORMER
RIGHT SIDE
ITEM NO. 1-27R
INDUCTOR
RIGHT SIDE
ITEM NO. 1-28R
INDUCTOR
LEFT SIDE
ITEM NO. 1-28L
TRANSFORMER
LEFT SIDE
ITEM NO. 1-27L
CAP. RAIL ASSY
ITEM NO. 1-29
BAR, Output
ITEM NO. 1-3
PT BOARD
ITEM NO. 2-39
TRANSFORMER
DT-1079
ITEM NO. 1-39
FUSE
2A
CIRCUIT
BREAKER
240V, 6A 2P
ITEM NO. 2-11
DISPLAY BOARD
ITEM NO. 2-2
CONTROL BOARD
ITEM NO. 2-4
BUFFER
BOARD
ITEM NO. 1-21
INVERTER
CT DRring BOARD
ITEM NO. 1-23
CABLE, RIBBON, 30 WIRE
CABLE, 25 WIRE
RESET S/W
START STOP
HEAT
DOOR
SWITCH
E-STOP
SWITCH, DP, 4-43PSI
ITEM NO. 1-15
SWITCH, Temp. 43°C
Inlet ITEM NO. 1-16
SWITCH, Temp. 60°C
Outlet ITEM NO. 1-16A
SWITCH, Temp. 43°C
Left Inv ITEM NO. 1-16B
SWITCH, Temp. 43°C
Right Inv ITEM NO. 1-16C
TOP
FAN, 3.14"
ITEM NO. 1-36
FANS, 230V, AC, 120ø
ITEM NO. 1-40R
RIGHT
FANS, 230V, AC, 120ø
ITEM NO. 1-40L
LEFT
TRANSFORMER
DT-1077
ITEM NO. 2-14
TERMINAL BLOCK, 8pos
ITEM NO. 1-24
CONTROL BOARD CN3, CN5, CN2 PIN No.
AUX. F/B
4-20mA 0-5V
P-DEMD
4-20mA 0-5V
COM
TERM
EXT-TERM. BOARD
ITEM NO. 1-37
TB 1
A-IN
R +5V
P-DEMD
GND
AUX-FB
GND
A-OUT
M-PWR
M-VOLT
GND
EXT-CONT
E-HEAT
E-STOP
E-COM
AUX-INT
E-RESET
E-COM
TB 2
TB 3
RELAY-OUT
R-HEAT
R-FAULT
R-READY
TB 4
RS-485
COMM-A
COMM-B
COMM-C
QUANTITY PER UNIT
—
SIZE —
SHEET 1 OF 1
CHECKED 07.06.03 NAM
ISSUES
SCALE: NON
DO NOT SCALE DRAWING
REVISION DESCRIPTION
B
REV. BY
REV. DATE
REV. No.
40kw WIRING
40 KW UNIT
Precision Power Systems & Technology, Inc.
DRAWN BY: Louie
DATE: 01-17-12
DWG. NO. —