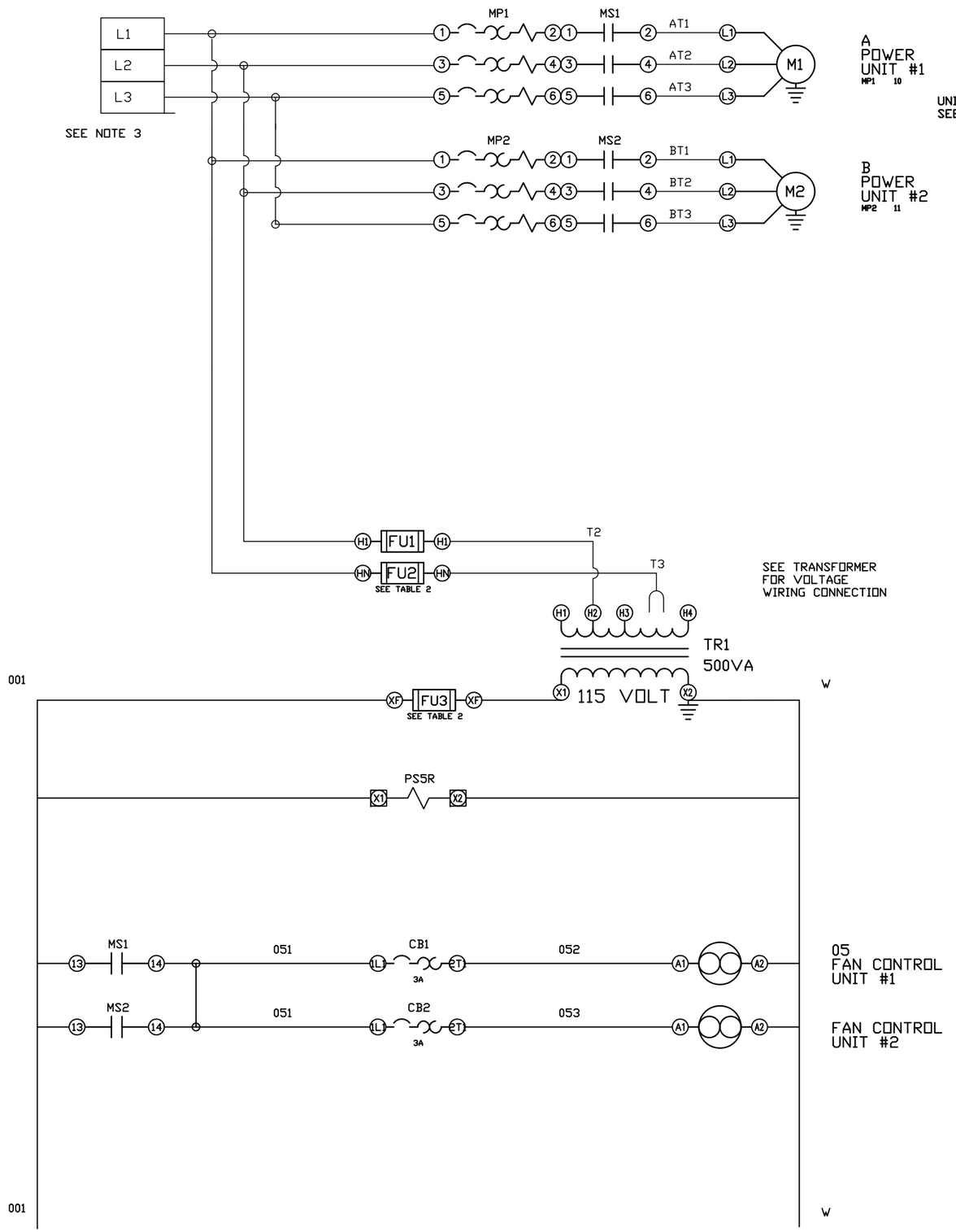
REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/04/14	PXEC0066	AJL	DMS
N-1	UPDATING TERMINAL BLOCKS	10/2/25	PXEC0718	MJV	JA
P-1	REPLACED 4.3" HMI WITH 7" VERSION	01/14/26	PXEC0728	SEK	WMM



NOTES:

1. RECOMMENDED TIGHTENING TORQUES FOR WIRE TERMINALS:
   208-575 VOLT POWER 35 POUND INCHES
   120 VOLT POWER AND CONTROL VOLTAGE 15 POUND INCHES
2. PANEL GROUND MUST BE CONNECTED TO EARTH GROUND
3. INSTALLER TO PROVIDE MAIN DISCONNECTING DEVICE WITH SHORT CIRCUIT PROTECTION FOR THIS ELECTRICAL ASSEMBLY. SEE TABLE 1 FOR REQUIRMENTS.
4. ALL WIRES MUST BE LABELED ON BOTH ENDS
5. TRANSFORMER IS SIZED FOR LOADS SHOWN ON DRAWING ONLY. DO NOT CONNECT ANY OTHER DEVICES

TABLE 2

CONTROL CIRCUIT PROTECTION - 500VA

	FU TYPE	208 VOLT	230 VOLT	460 380 VOLT	575 VOLT
FU1&2	FNQR	6A	5A	5A	4A
FU3	FNM	7A	7A	7A	7A

SEE CONTROL TRANSFORMER INSTRUCTIONS FOR CONNECTIONS

WIRE TYPE TABLE

VOLTAGE	WIRE NUMBERS	GAUGE	COLOR
120VAC	001-599	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
24VDC	600-999	16-18AWG	PURPLE
0VDC	701	16-18AWG	PURPLE
GND	-	VARIES	GREEN
CUSTOMER SUPPLY	01-99	16-18AWG	YELLOW

OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	DMS	DMS
11/04/14	11/04/14	11/04/14

PANEL TYPE
PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE WIRING

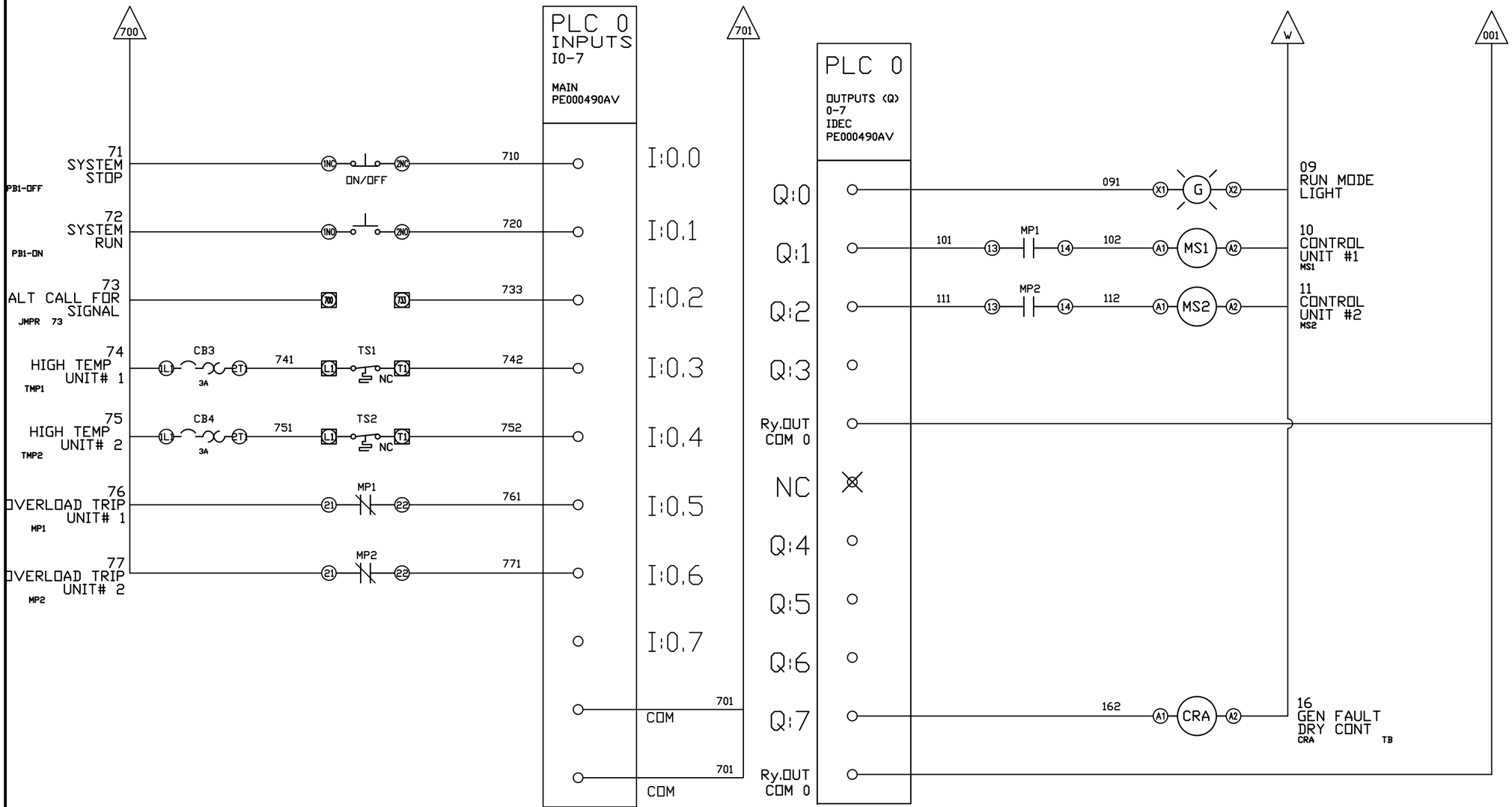
DWG. NO.
PBEI-269

SHEET 1 OF 3

SIZE B

PBEI-269 J1

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/04/14	PXEC0066	AJL	DMS
N-1	UPDATING TERMINAL BLOCKS	10/2/25	PXEC0718	MJV	JA
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OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	DMS	DMS
11/04/14	11/04/14	11/04/14

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE WIRING

DWG. NO.

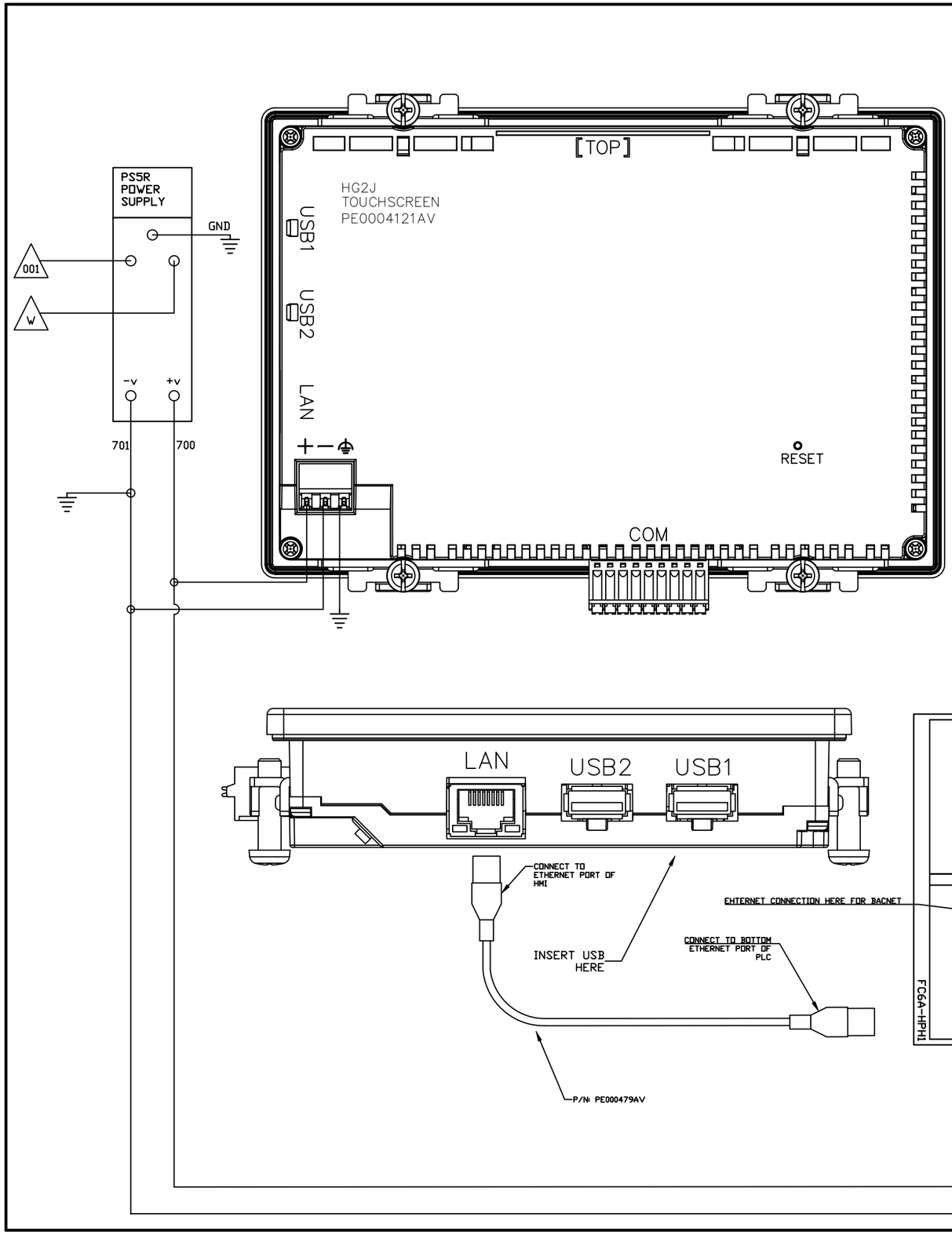
PBEI-269

SHEET 2 OF 3

SIZE B

PBEI-269 J1

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/04/14	PXEC0066	AJL	DMS
N-1	UPDATING TERMINAL BLOCKS	10/2/25	PXEC0718	MJV	JA
P-1	REPLACED 4.3" HMI WITH 7" VERSION	01/14/26	PXEC0728	SEK	WMM



OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	DMS	DMS
11/04/14	11/04/14	11/04/14

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE WIRING

DWG. NO.

PBEI-269

SHEET 3 OF 3

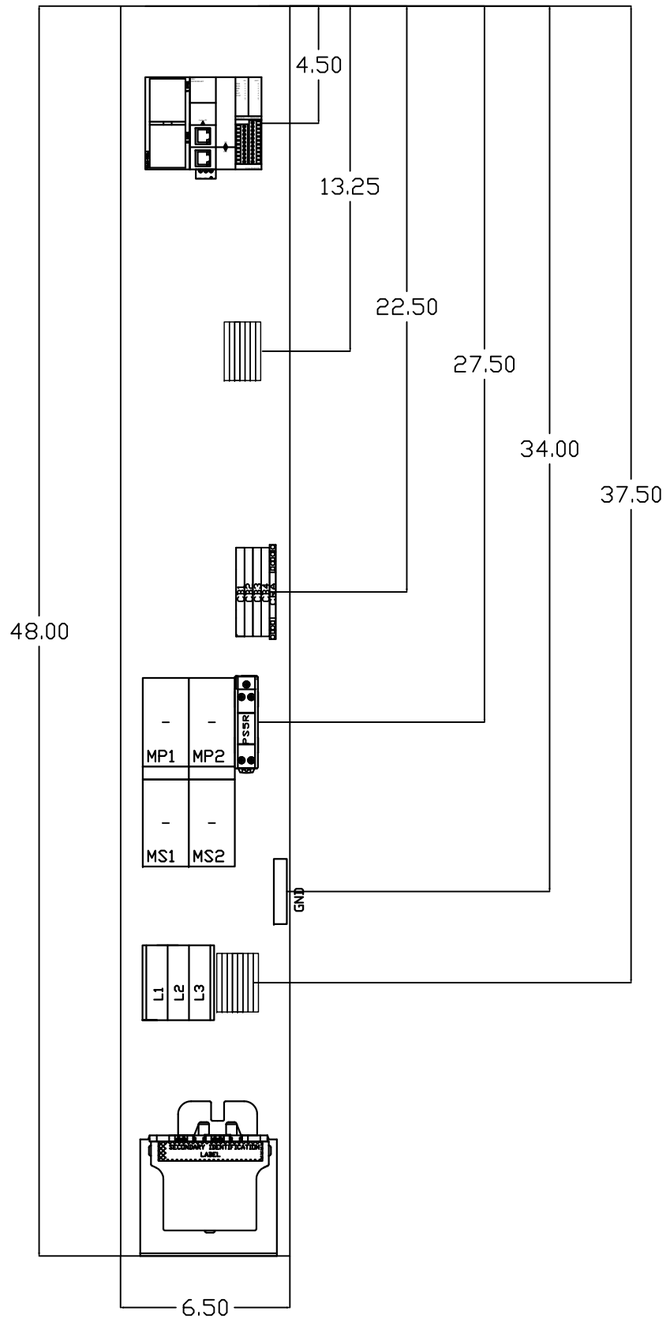
SIZE B

PBEI-269 J1

WIRE TYPE TABLE

VOLTAGE	WIRE NUMBERS	GAUGE	COLOR
120VAC	001-599	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
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REV	REVISION	DATE	ECN	NAME	CHKD
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N-1	UPDATING TERMINAL BLOCKS	10/2/25	PXEC0718	MJV	JA
P-1	REPLACED 4.3" HMI WITH 7" VERSION	01/14/26	PXEC0728	SEK	WMM



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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	DMS	DMS
11/04/14	11/04/14	11/04/14

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE LAYOUT - 5HP

DWG. NO.

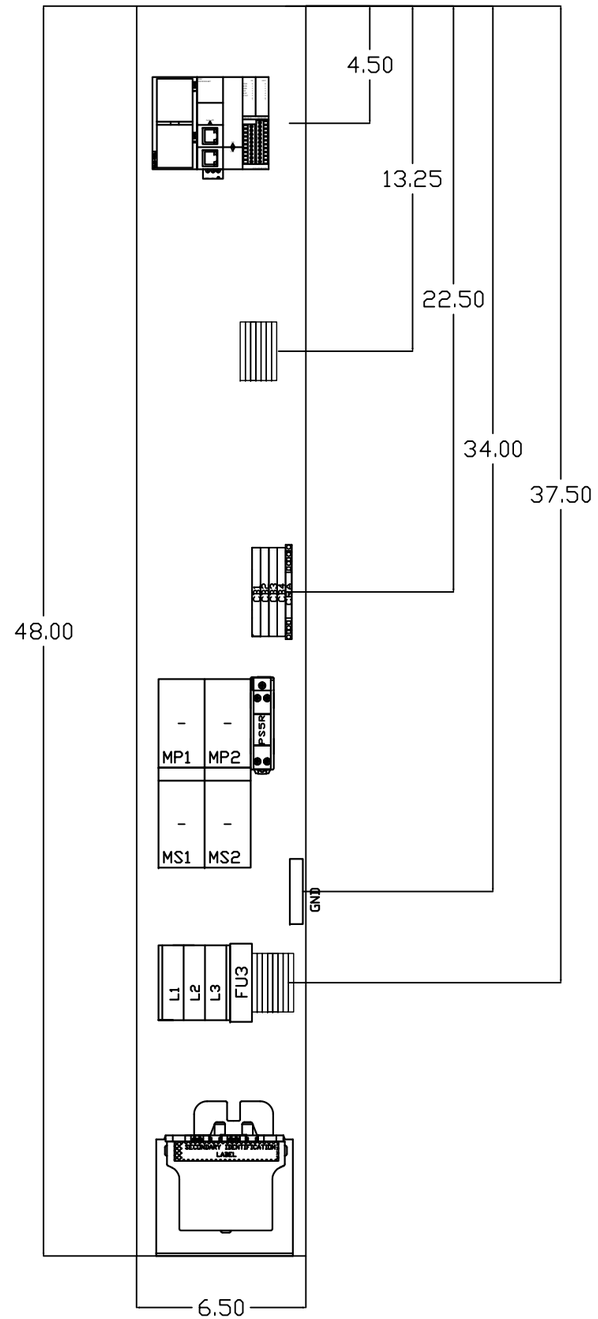
PBEI-269

SHEET 1 OF 1

SIZE B

PBEI-269 J1

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/04/14	PXEC0066	AJL	DMS
N-1	UPDATING TERMINAL BLOCKS	10/2/25	PXEC0718	MJV	JA
P-1	REPLACED 4.3" HMI WITH 7" VERSION	01/14/26	PXEC0728	SEK	WMM



OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	DMS	DMS
11/04/14	11/04/14	11/04/14

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE LAYOUT - 5HP/380V

DWG. NO.

PBEI-269

SHEET 1 OF 1

SIZE B

PBEI-269 J1

TABLE 1	P/N	MOTOR FULL LOAD AMPS	TOTAL FULL LOAD AMPS	NON-TIME DELAY FUSE	TIME DELAY FUSE	INVERSE-TIME CIRCUIT BREAKER
208V (3Ø)	A2AJ	14.9	32.2	70	45	60
	72AJ	21.1	44.2	90	70	80
	B2AJ	26.5	55.4	110	80	100
230V (3Ø)	A3AJ	13	28.2	60	40	50
	73AJ	17.3	36.8	80	50	70
	B3AJ	23	48.2	100	70	90
460V (3Ø)	A4AJ	6.49	14.1	30	20	25
	74AJ	8.87	18.8	40	30	35
	B4AJ	11.5	24.1	50	35	45
380V (3Ø) 50HZ	A8AJ	7.88	17.1	35	25	30
575V (3Ø)	A7AJ	5.12	11.1	25	15	20

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	07/17/14	PXEC0067	DMS	KMD
C-1	ADDED 7.5 & 10 HP DATA	04/07/16	PXEC0089	KMD	AJL
D-1	UPDATED 5HP 208V DATA	07/12/24	PXEC0631	VAG	VAG
D-2	UPDATED 10HP 208V DATA	10/16/24	PXEC0631	JRD	JRD
E-1	BORDER UPDATE, TFLA REVIEW W/NEW FORM	10/17/24	PXEC0616	VAG	VAG

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
DMS	KMD	DMS
07/17/14	07/17/14	07/17/14

PANEL TYPE

SED DATA TABLE
SED DUPLEX PANEL DATA

DWG. TYPE MISC

DWG. NO.

DATA TABLE

SHEET D-1 DUPLEX PANEL DATA

SIZE B