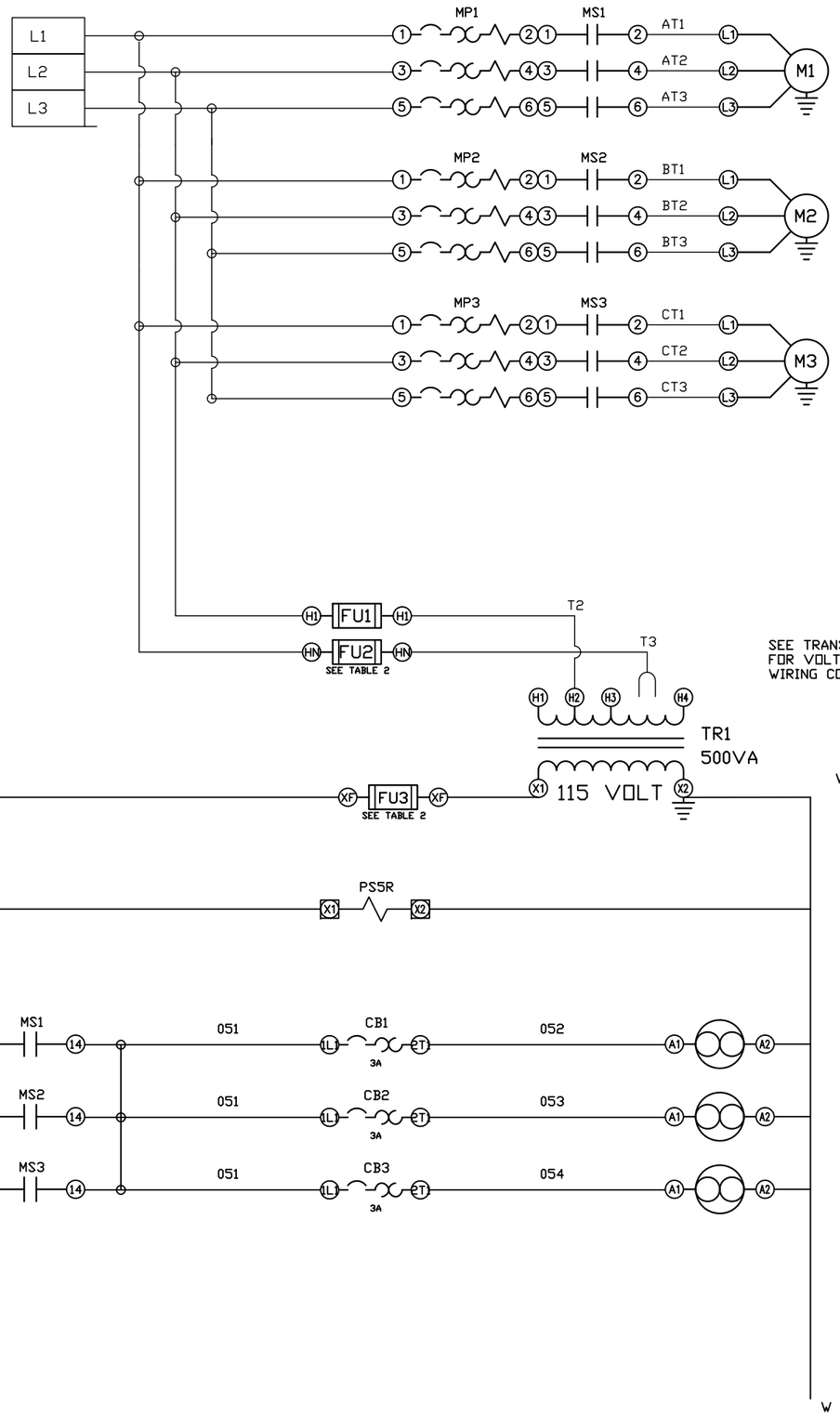
REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
M-3	UPDATING TERMINAL BLOCKS	9/12/2025	PXEC0718	MJV	JA
N-1	REPLACED 4.3" HMI WITH 7" VERSION	01/14/26	PXEC0728	SEK	WMM



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 /200 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:

POWEREX

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	KMD	DMS
11/27/13	11/27/13	11/27/13

PANEL TYPE
PX ENCL SCROLL
GEN FLT BACNET

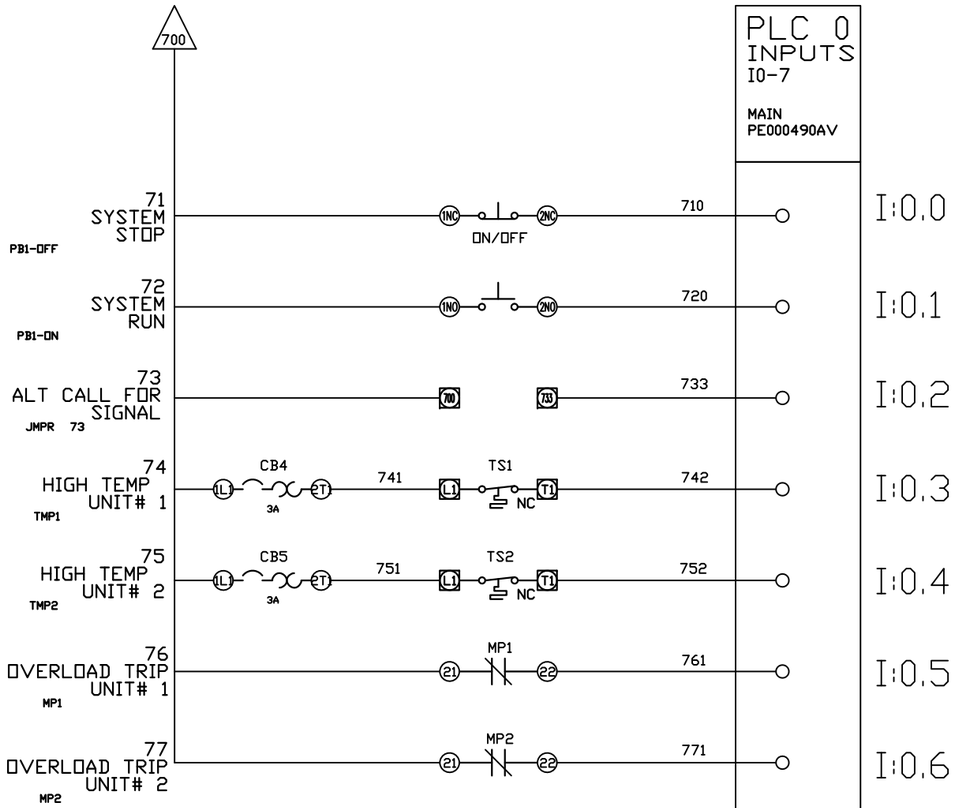
DWG. TYPE WIRING

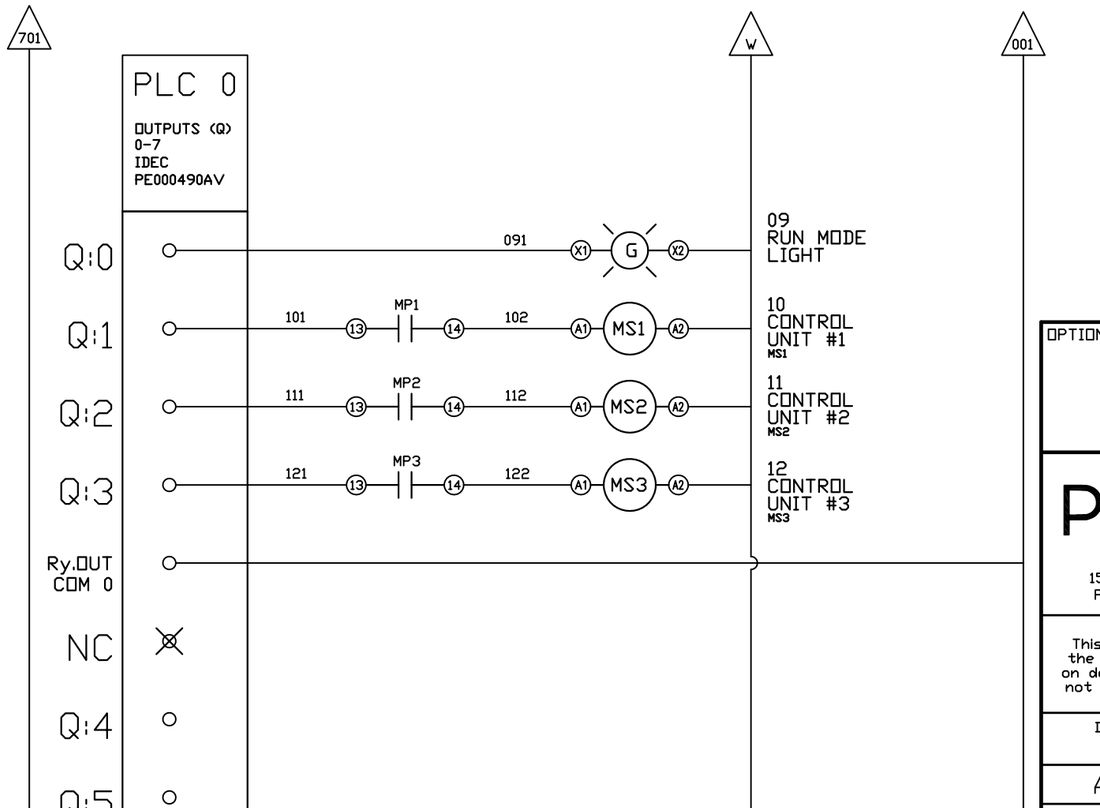
DWG. NO.
PBEI-369

SHEET 1 OF 4

SIZE B

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
M-3	UPDATING TERMINAL BLOCKS	9/12/2025	PXEC0718	MJV	JA
N-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	KMD	DMS
11/27/13	11/27/13	11/27/13

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE WIRING

DWG. NO.

PBEI-369

SHEET 2 OF 4

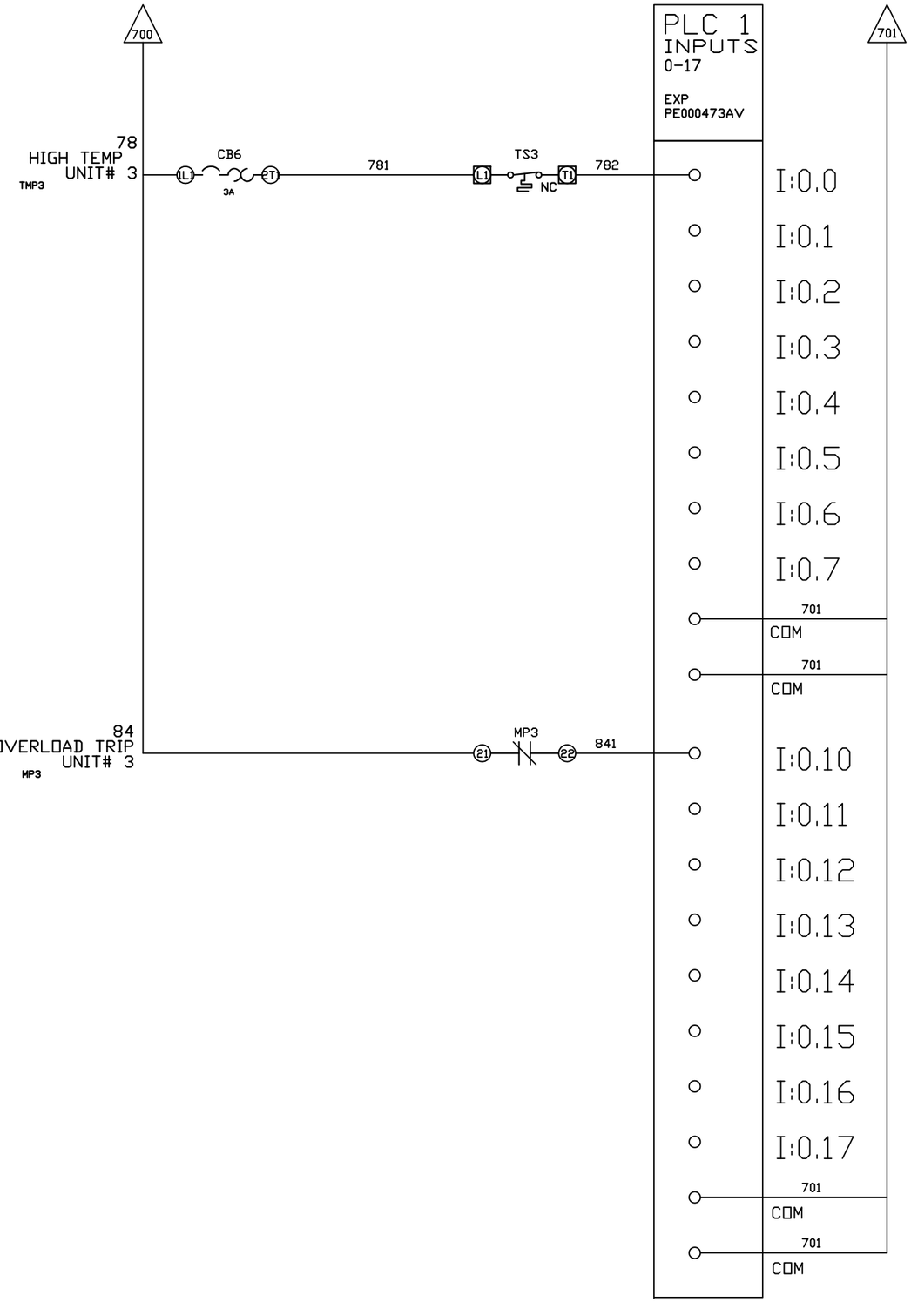
SIZE B

PBEI-369 G1

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

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
M-3	UPDATING TERMINAL BLOCKS	9/12/2025	PXEC0718	MJV	JA
N-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	KMD	DMS
11/27/13	11/27/13	11/27/13

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE WIRING

DWG. NO.

PBEI-369

SHEET 3 OF 4

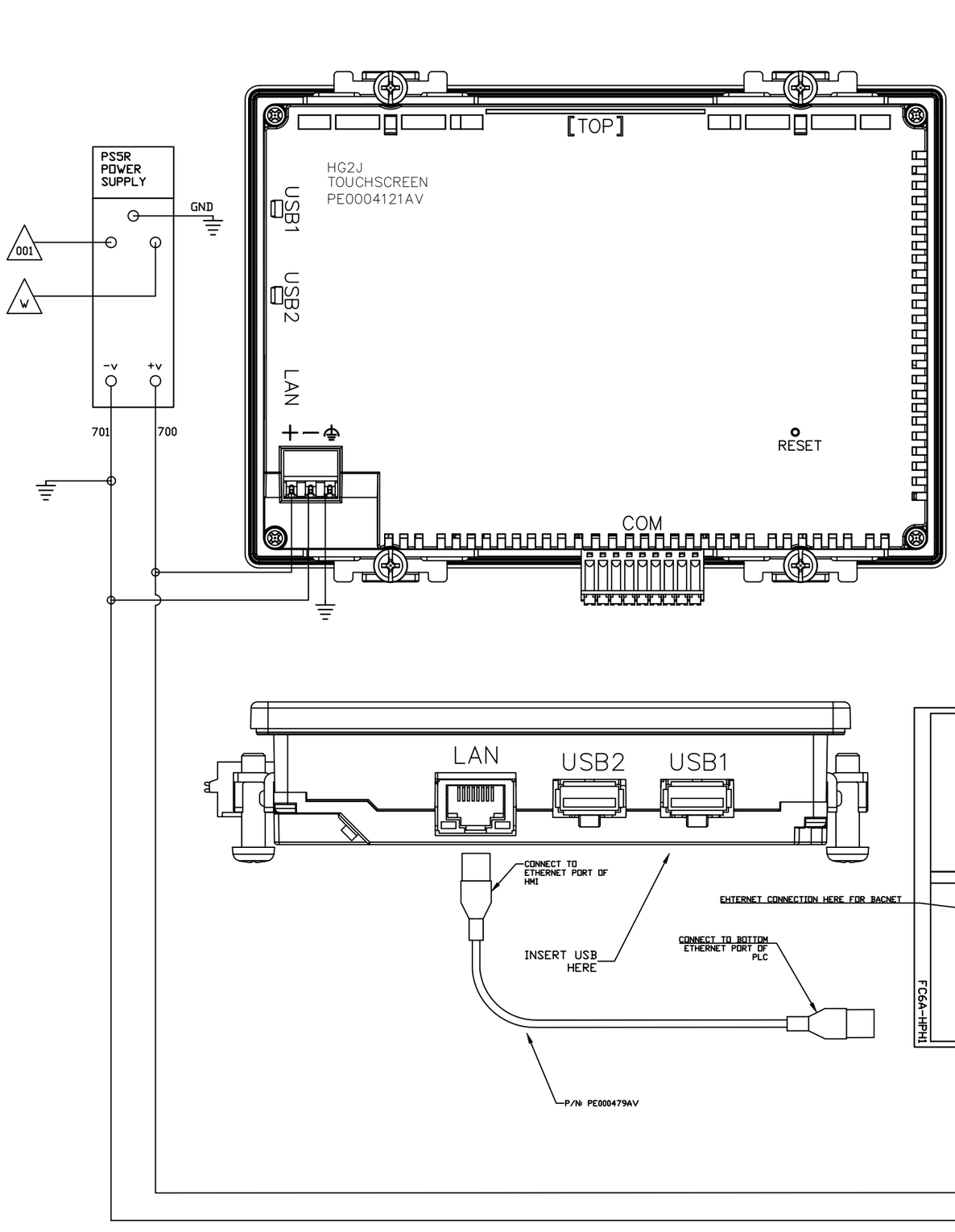
SIZE B

PBEI-369 G1

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

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
M-3	UPDATING TERMINAL BLOCKS	9/12/2025	PXEC0718	MJV	JA
N-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	KMD	DMS
11/27/13	11/27/13	11/27/13

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE WIRING

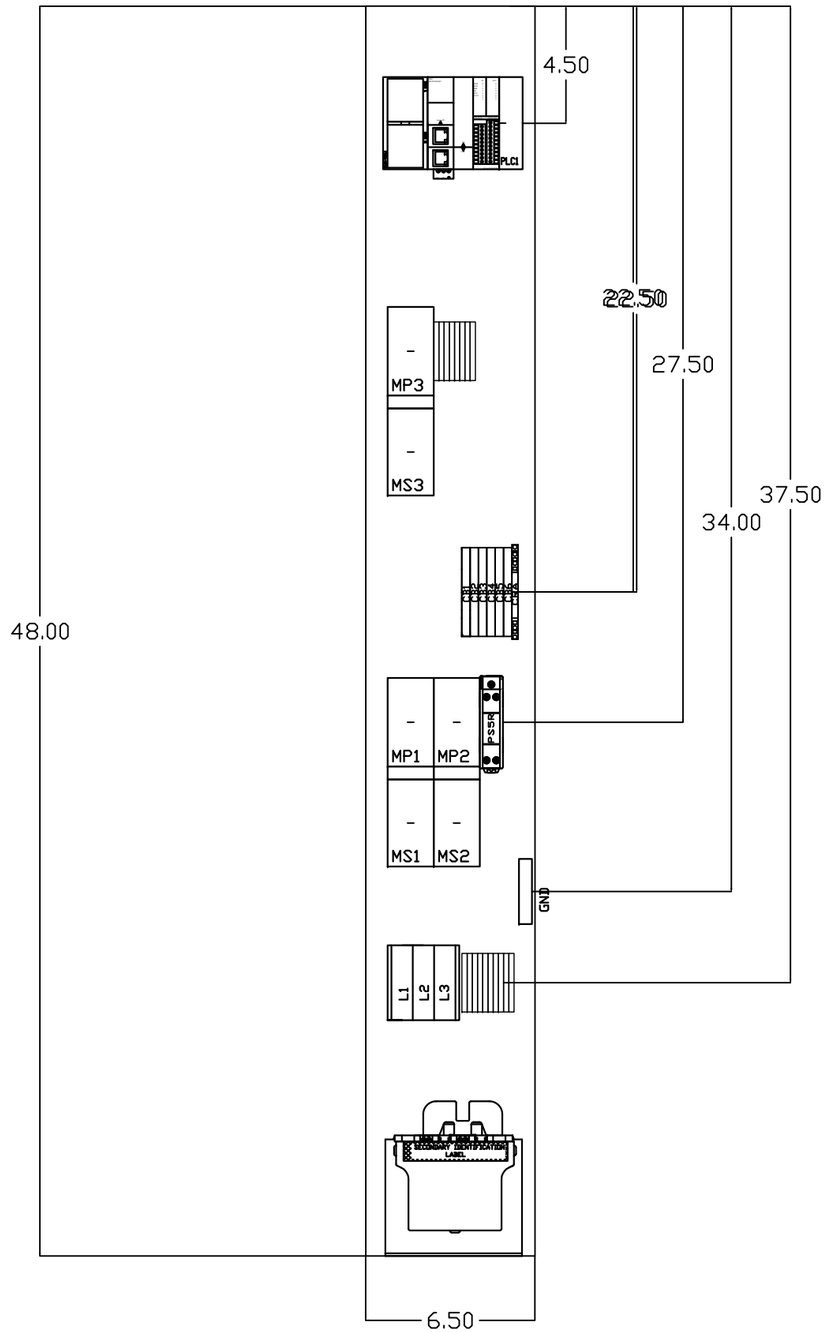
DWG. NO.

PBEI-369

SHEET 4 OF 4

SIZE B

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
M-3	UPDATING TERMINAL BLOCKS	9/12/2025	PXEC0718	MJV	JA
N-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	KMD	DMS
11/27/13	11/27/13	11/27/13

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE LAYOUT - 5HP

DWG. NO.

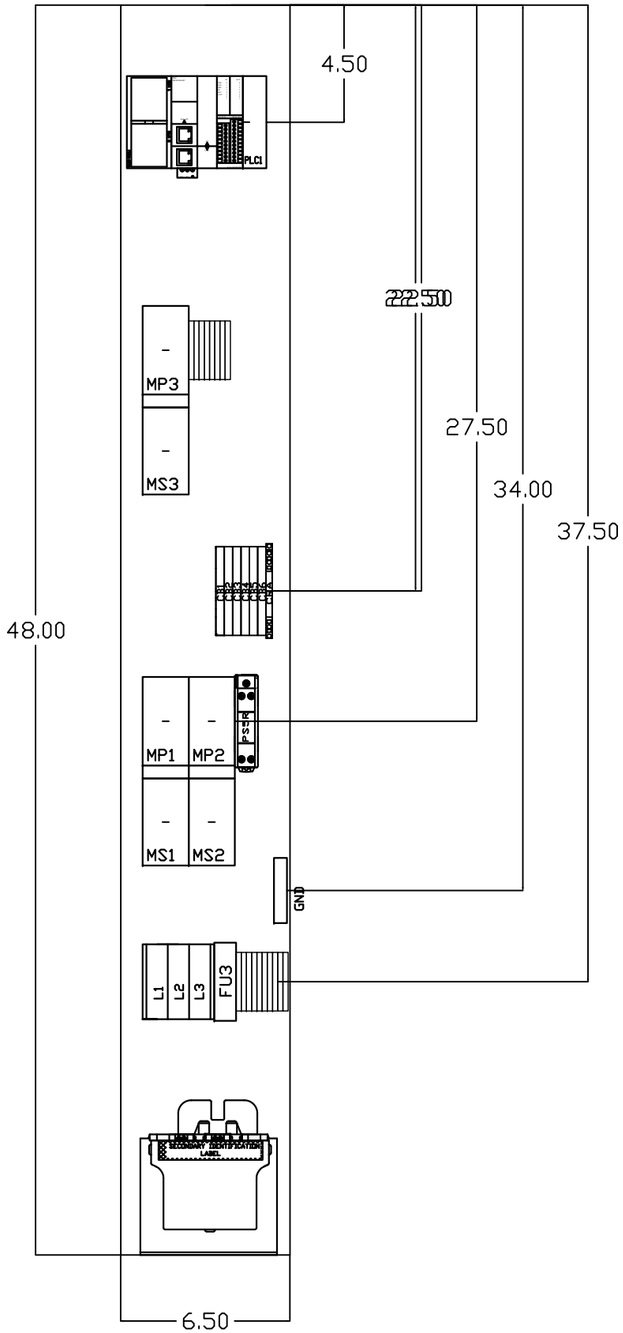
PBEI-369

SHEET 1 OF 1

SIZE B

PBEI-369 G1

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC0030	AJL	KMD
M-3	UPDATING TERMINAL BLOCKS	9/12/2025	PXEC0718	MJV	JA
N-1	REPLACED 4.3" HMI WITH 7" VERSION	01/14/26	PXEC0728	SEK	WMM



OPTIONAL:

POWEREX

150 PRODUCTION DRIVE HARRISON, OHIO 45030
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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	KMD	DMS
11/27/13	11/27/13	11/27/13

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE LAYOUT - 5HP/380V

DWG. NO.

PBEI-369

SHEET 1 OF 1

SIZE B

PBEI-369 G1

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)	F2AJ	14.4	45.7	80	60	70
	72AJ	21.1	65.8	110	90	100
	B2AJ	25.4	78.7	150	100	125
230V (3Ø)	F3AJ	13	41.2	70	60	70
	73AJ	17.3	54.1	90	70	90
	B3AJ	23	71.2	125	90	110
460V (3Ø)	F4AJ	6.49	20.6	35	30	35
	74AJ	8.87	27.7	50	35	45
	B4AJ	11.5	35.6	60	45	60
380V (3Ø) 50HZ	F8AJ	7.88	25.1	45	35	40
575V (3Ø)	F7AJ	5.12	16.4	30	25	25
	77AJ	6.94	21.86	40	30	35
	B7AJ	9.20	29.60	50	40	45

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

OPTIONAL:

208V/230V/460V/380V/575V

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

PANEL TYPE

SET DATA TABLE
SET TRIPLEX PANEL DATA

DWG. TYPE MISC

DWG. NO.

DATA TABLE

SHEET D-1

TRIPLEX PANEL DATA

SIZE B