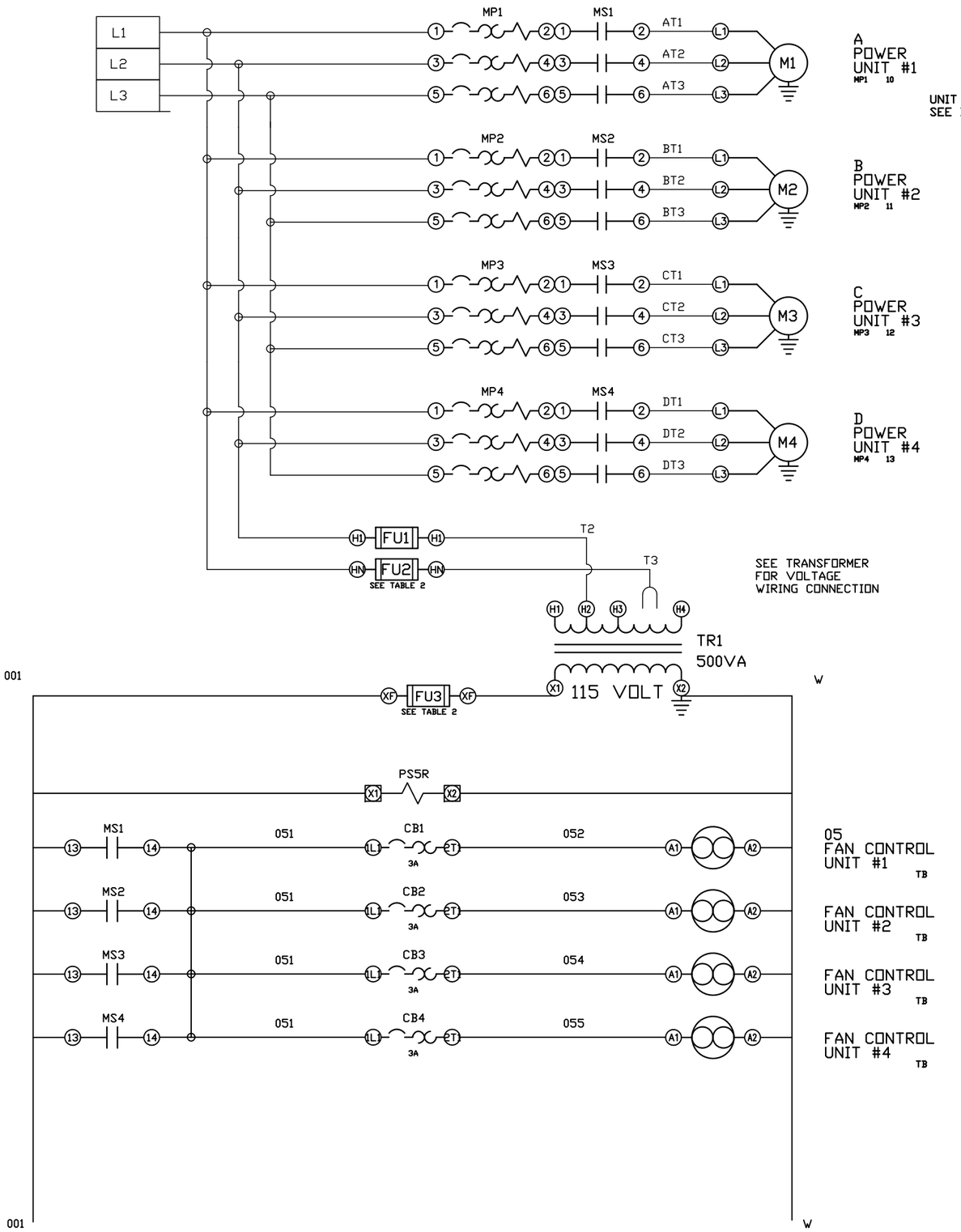
REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	07/30/12	22722	CHR	KMD
N-3	UPDATING TERMINAL BLOCKS	11/18/25	PXEC0718	MJV	JA
P-1	REPLACED 4.3" HMI WITH 7" VERSION	01/14/26	PXEC0728	SEK	WMM



NOTES:

1. RECOMMENDED TIGHTENING TORQUES FOR WIRE TERMINALS:
   208-575 VOLT POWER 35 POUND INCHES
   120 VOLT POWER AND CONTROL VOLTAGAGE 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	001-699	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
24VDC	700-999	16-18AWG	PURPLE
0VDC	701	16-18AWG	PURPLE
GND	-	VARIES	GREEN
CUSTOMER SUPPLY	01-99	16AWG	YELLOW

OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
CHR	KMD	KMD
07/30/12	08/03/12	08/03/12

PANEL TYPE
PX ENCL SCROLL
GEN FLT

DWG. TYPE WIRING

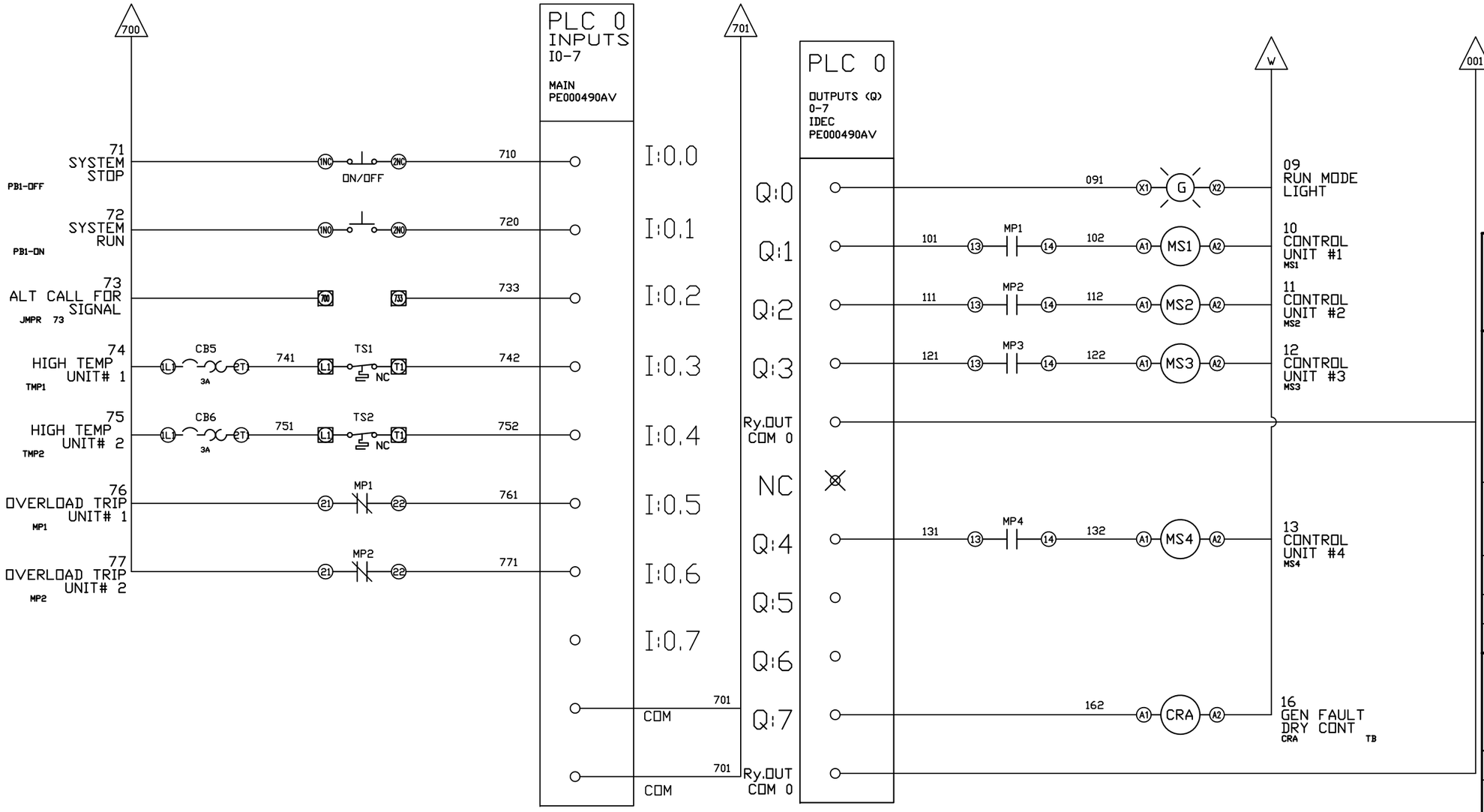
DWG. NO.
PBEI-469

SHEET W-1

SIZE B

PBEI-469 J1

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	07/30/12	22722	CHR	KMD
N-3	UPDATING TERMINAL BLOCKS	11/18/25	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
CHR	KMD	KMD
07/30/12	08/03/12	08/03/12

PANEL TYPE

PX ENCL SCROLL
GEN FLT

DWG. TYPE WIRING

DWG. NO.

PBEI-469

SHEET W-2

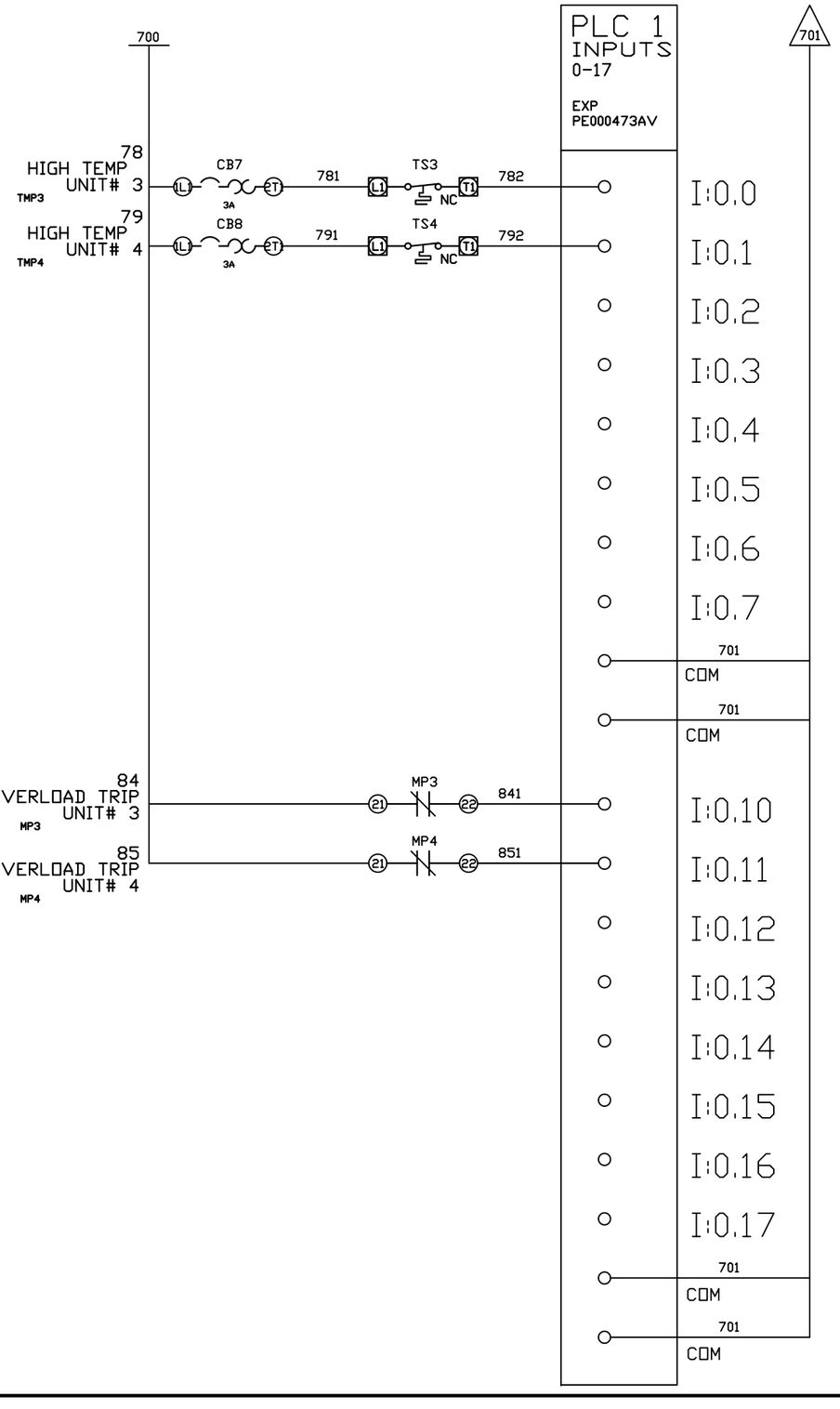
SIZE B

PBEI-469 J1

WIRE TYPE TABLE

VOLTAGE	WIRE NUMBERS	GAUGE	COLOR
120VAC	001-699	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
24VDC	700-999	16-18AWG	PURPLE
0VDC	701	16-18AWG	PURPLE
GND	-	VARIES	GREEN
CUSTOMER SUPPLY	01-99	16AWG	YELLOW

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	07/30/12	22722	CHR	KMD
N-3	UPDATING TERMINAL BLOCKS	11/18/25	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
CHR	KMD	KMD
07/30/12	08/03/12	08/03/12

PANEL TYPE

PX ENCL SCROLL
GEN FLT

DWG. TYPE WIRING

DWG. NO.

PBEI-469

SHEET W-3

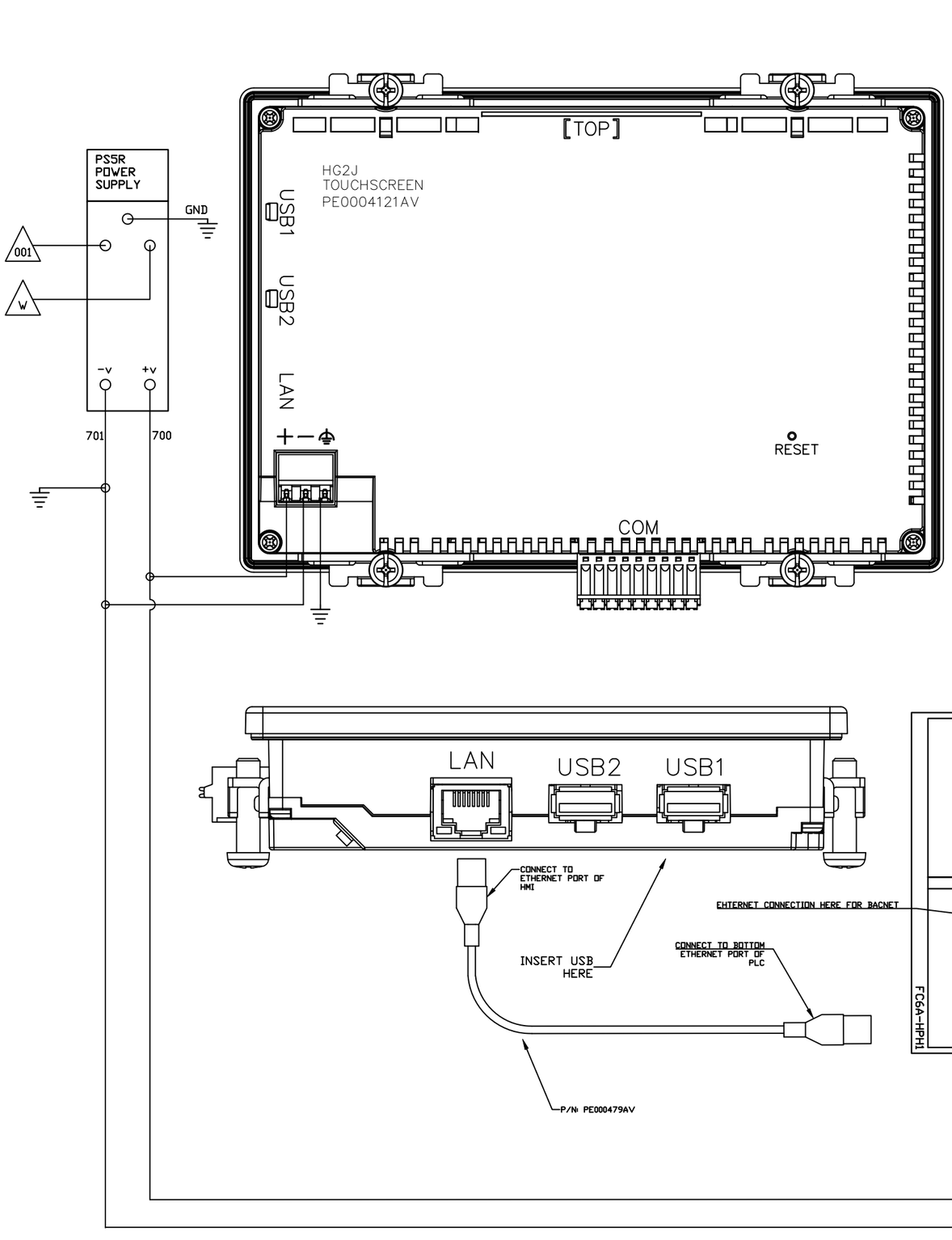
SIZE B

PBEI-469 J1

WIRE TYPE TABLE

VOLTAGE	WIRE NUMBERS	GAUGE	COLOR
120VAC	001-699	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
24VDC	700-999	16-18AWG	PURPLE
0VDC	701	16-18AWG	PURPLE
GND	-	VARIES	GREEN
CUSTOMER SUPPLY	01-99	16AWG	YELLOW

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	07/30/12	22722	CHR	KMD
N-3	UPDATING TERMINAL BLOCKS	11/18/25	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
CHR	KMD	KMD
07/30/12	08/03/12	08/03/12

PANEL TYPE

PX ENCL SCROLL
GEN FLT

DWG. TYPE WIRING

DWG. NO.

PBEI-469

SHEET W-4

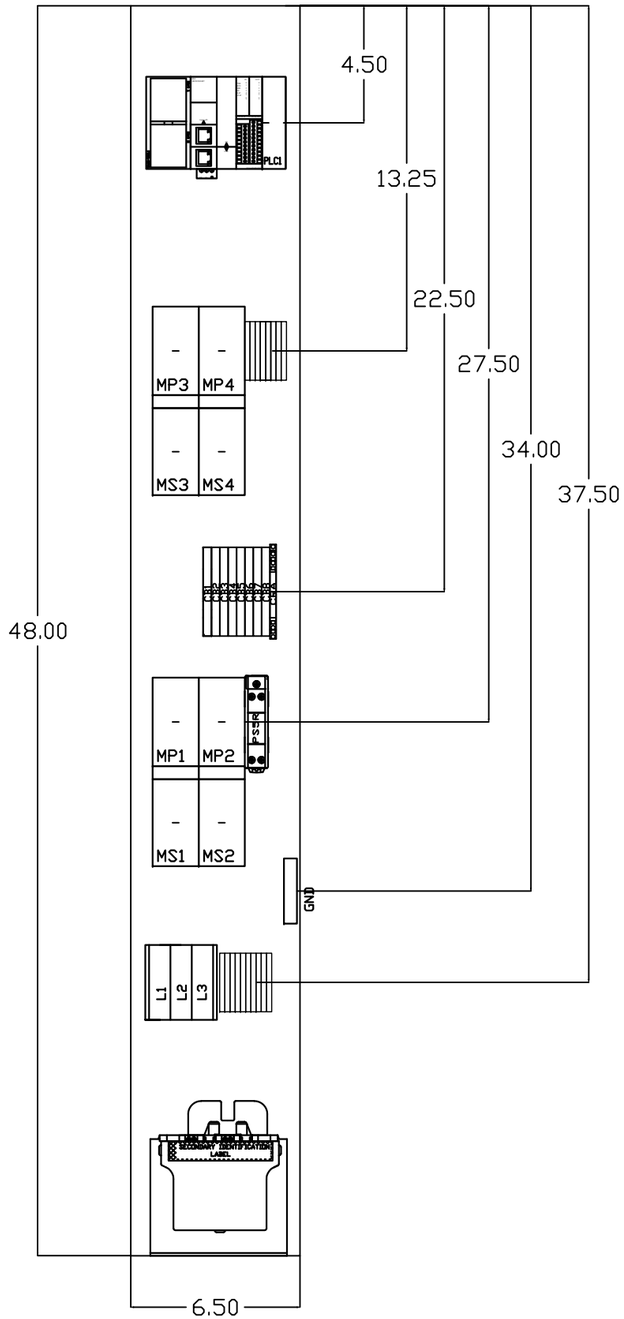
SIZE B

PBEI-469 J1

WIRE TYPE TABLE

VOLTAGE	WIRE NUMBERS	GAUGE	COLOR
120VAC	001-699	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
24VDC	700-999	16-18AWG	PURPLE
0VDC	701	16-18AWG	PURPLE
GND	-	VARIES	GREEN
CUSTOMER SUPPLY	01-99	16AWG	YELLOW

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	07/30/12	22722	CHR	KMD
N-3	UPDATING TERMINAL BLOCKS	11/18/25	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
CHR	KMD	KMD
07/30/12	08/03/12	08/03/12

PANEL TYPE

PX ENCL SCROLL
GEN FLT

DWG. TYPE LAYOUT

DWG. NO.

PBEI-469

SHEET L-1

SIZE B

PBEI-469 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)	G2AJ	14.9	62.0	100	80	90
230V (3Ø)	G3AJ	13	54.2	90	70	80
460V (3Ø)	G4AJ	6.49	27.0	45	35	40
380V (3Ø) 50Hz	G8AJ	7.88	32.8	50	40	45
575V (3Ø)	G7AJ	5.12	21.3	35	30	30

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	07/17/14	PXEC0067	DMS	KMD
N-3	UPDATING TERMINAL BLOCKS	11/18/25	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
DMS	KMD	DMS
07/17/14	07/17/14	07/17/14

PANEL TYPE

SEQ DATA TABLE
SEQ QUAD PANEL DATA

DWG. TYPE MISC

DWG. NO.

DATA TABLE

SHEET D-1 QUAD PANEL DATA

SIZE B