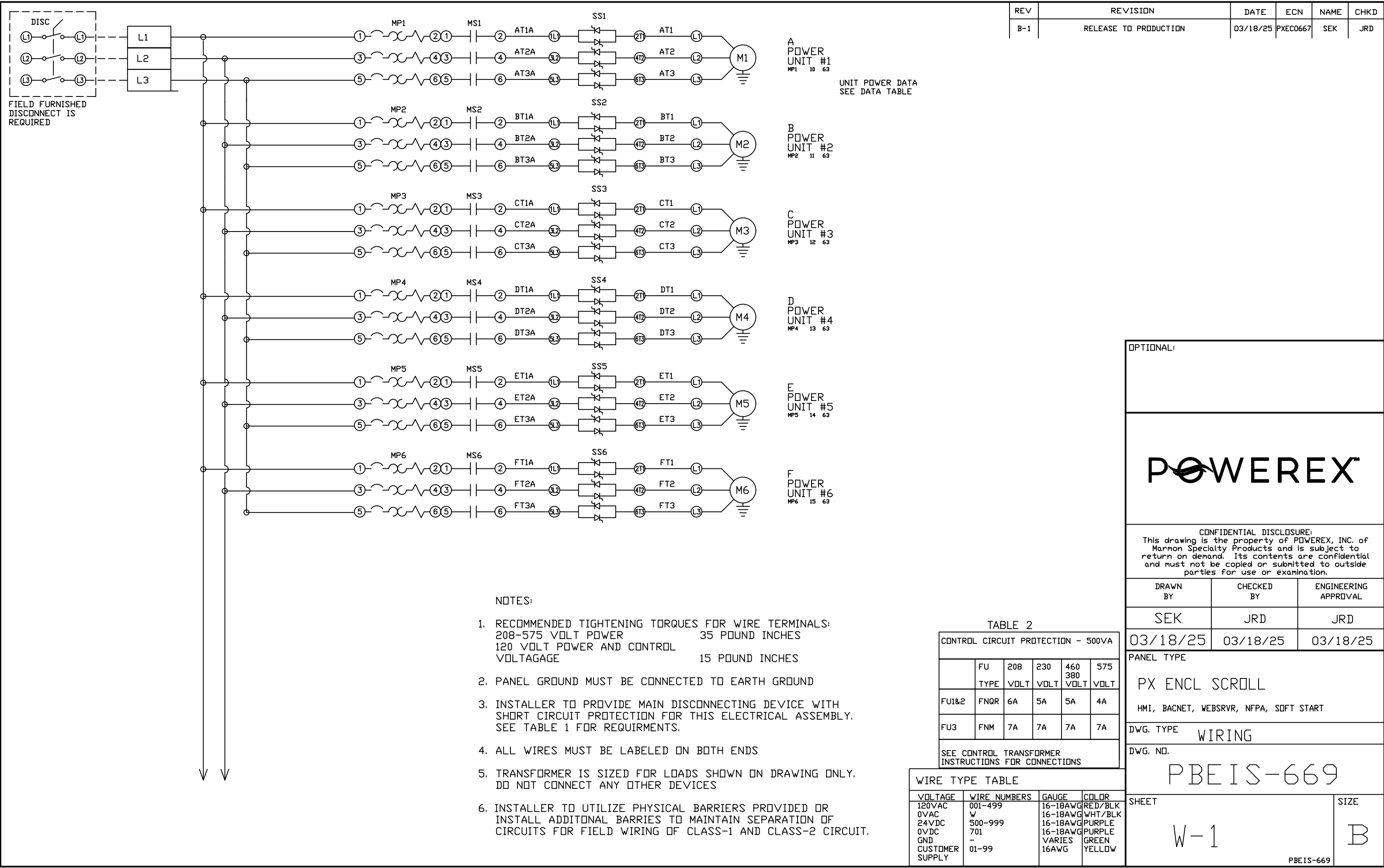
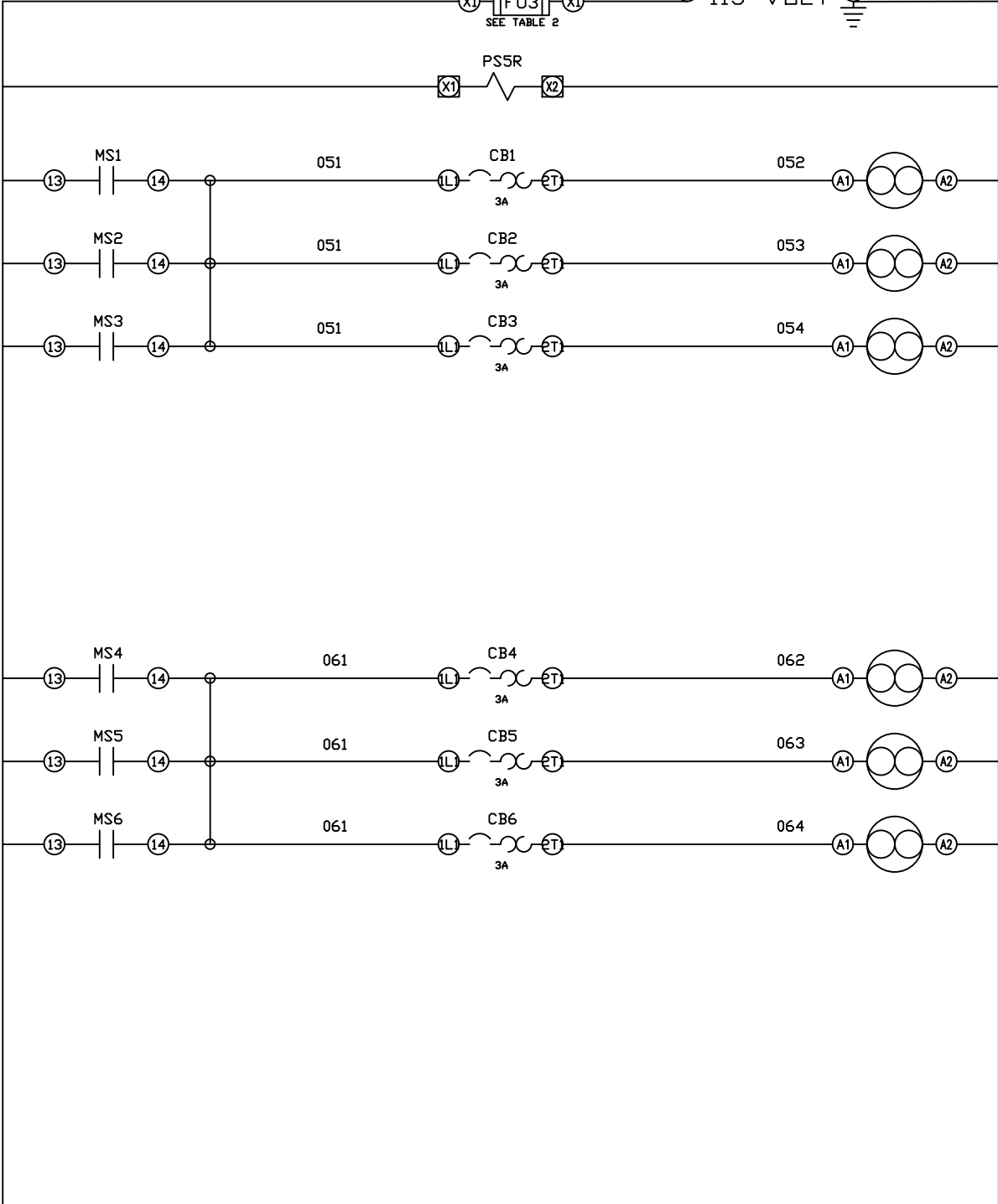
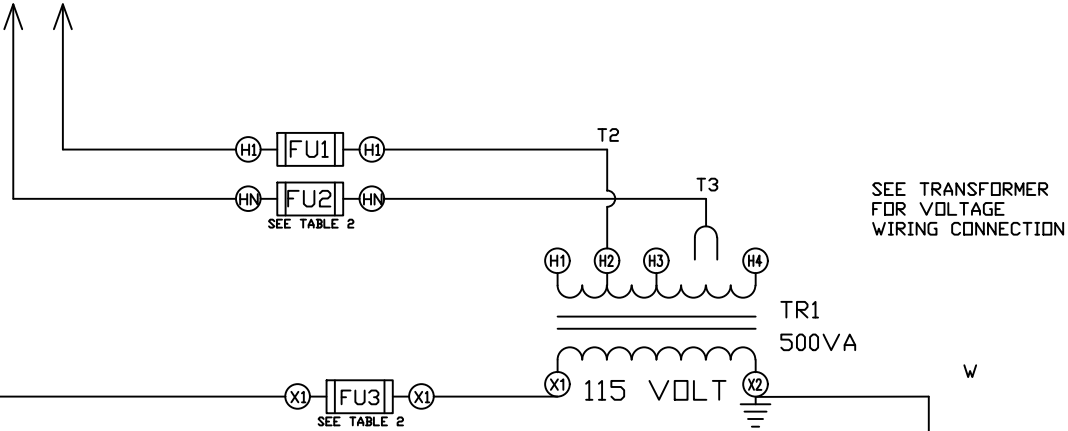




REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	03/18/25	PXEC0667	SEK	JRD



OPTIONAL:

POWEREX

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
SEK	JRD	JRD
03/18/25	03/18/25	03/18/25

PANEL TYPE
PX ENCL SCROLL
HMI, BACNET, WEBSVR, NFPA, SOFT START

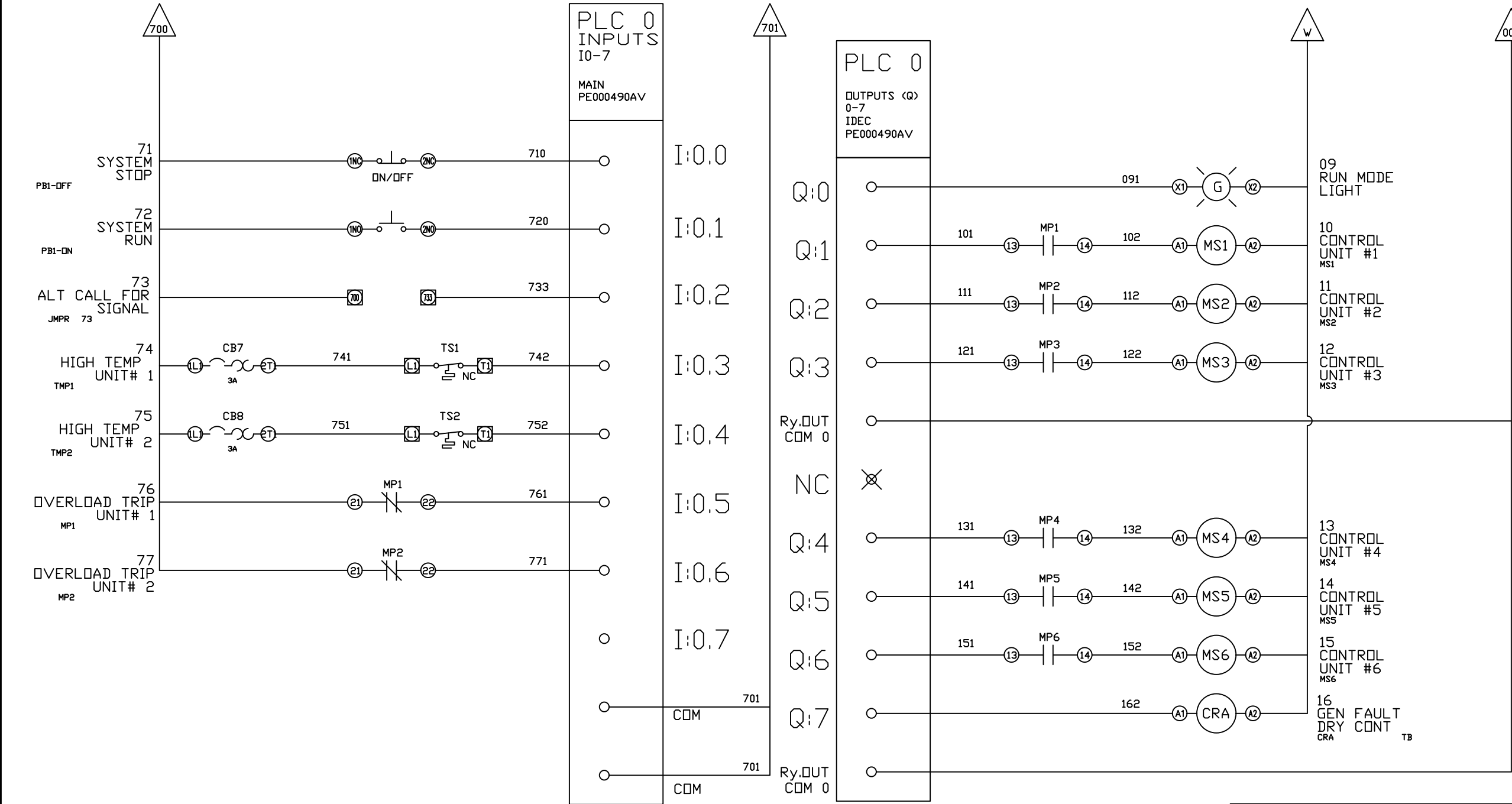
DWG. TYPE WIRING

DWG. NO.
PBEIS-669

WIRE TYPE TABLE			
VOLTAGE	WIRE NUMBERS	GAUGE	COLOR
120VAC	001-499	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
24VDC	500-999	16-18AWG	PURPLE
0VDC	701	16-18AWG	PURPLE
GND	-	VARIES	GREEN
CUSTOMER SUPPLY	01-99	16AWG	YELLOW

SHEET	SIZE
W-2	B

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	03/18/25	PXEC0667	SEK	JRD



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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
SEK	JRD	JRD
03/18/25	03/18/25	03/18/25

PANEL TYPE
PX ENCL SCROLL
HMI, BACNET, WEBSVR, NFPA, SOFT START

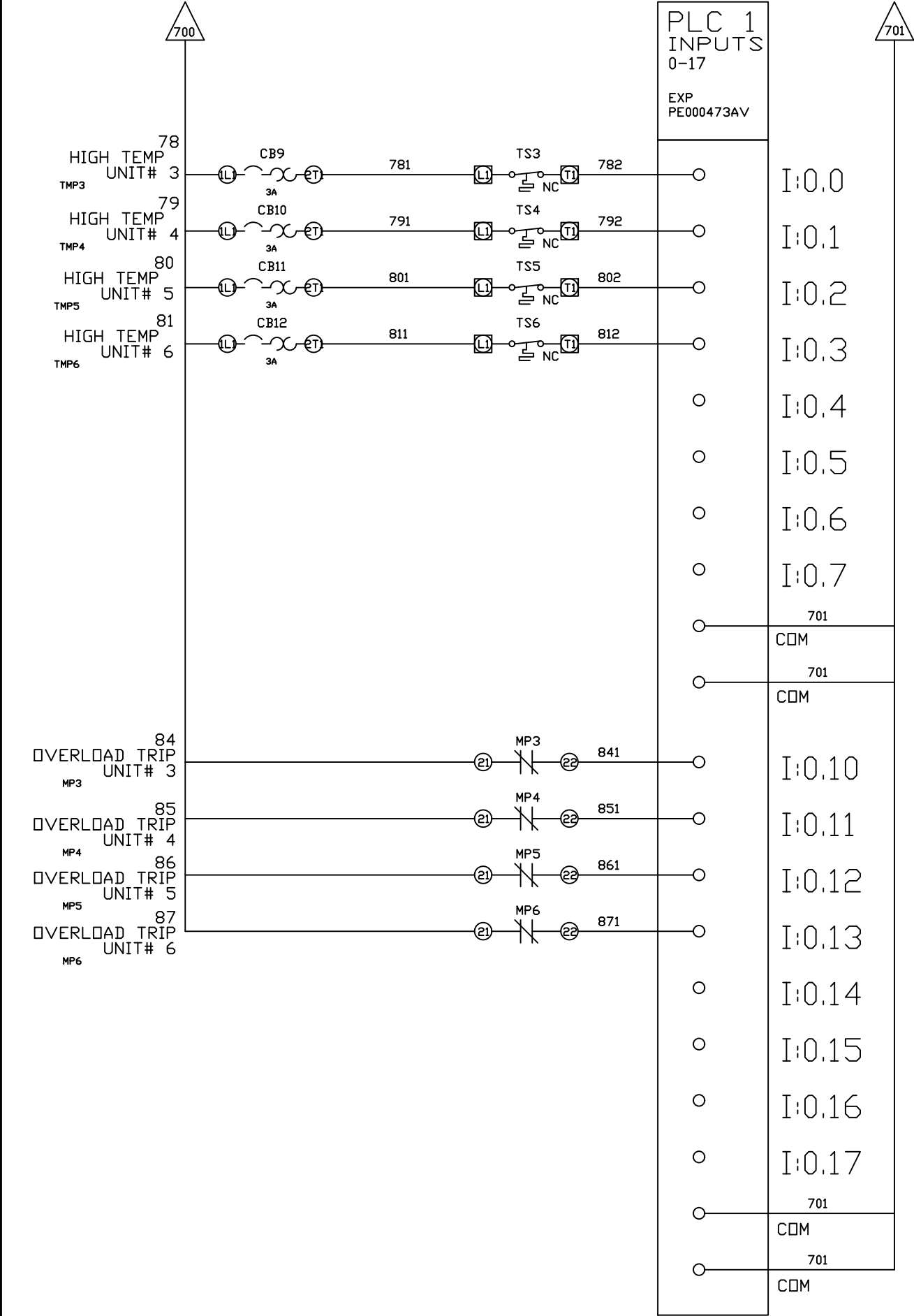
DWG. TYPE
WIRING

DWG. NO.
PBEIS-669

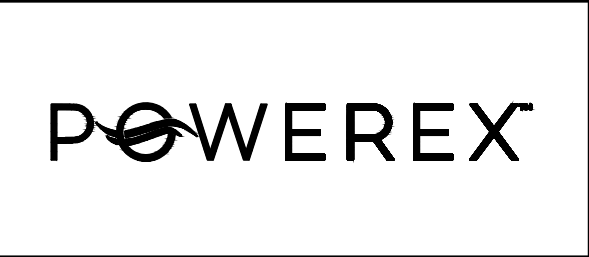
SHEET W-3	SIZE B
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PBEIS-669

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	03/18/25	PXEC0667	SEK	JRD



OPTIONAL:



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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
SEK	JRD	JRD
03/18/25	03/18/25	03/18/25

PANEL TYPE

PX ENCL SCROLL

HMI, BACNET, WEBSVR, NFPA, SOFT START

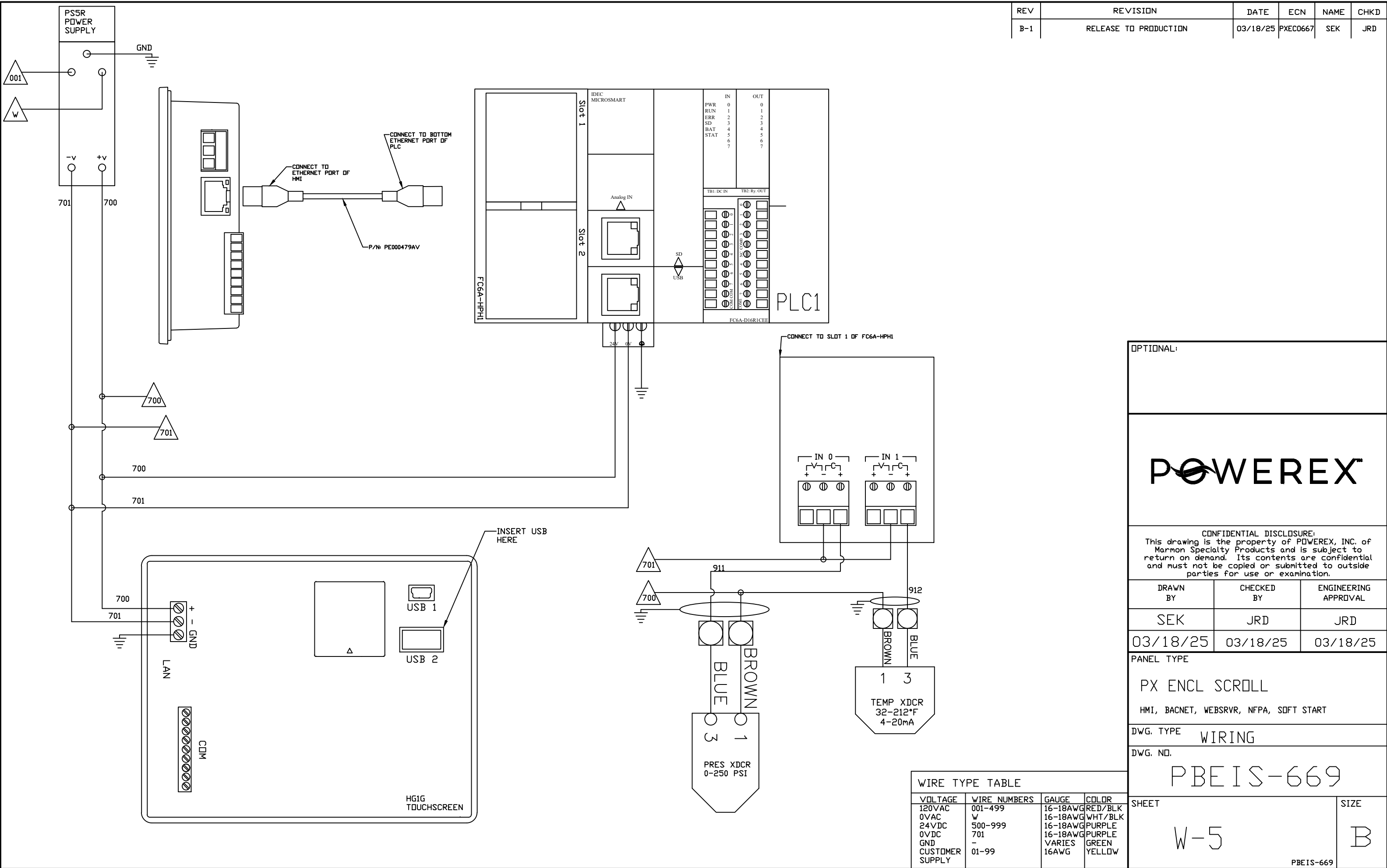
DWG. TYPE WIRING

DWG. NO.

PBEIS-669

WIRE TYPE TABLE			
VOLTAGE	WIRE NUMBERS	GAUGE	COLOR
120VAC	001-499	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
24VDC	500-999	16-18AWG	PURPLE
0VDC	701	16-18AWG	PURPLE
GND	-	VARIES	GREEN
CUSTOMER SUPPLY	01-99	16AWG	YELLOW

SHEET	SIZE
W-4	B

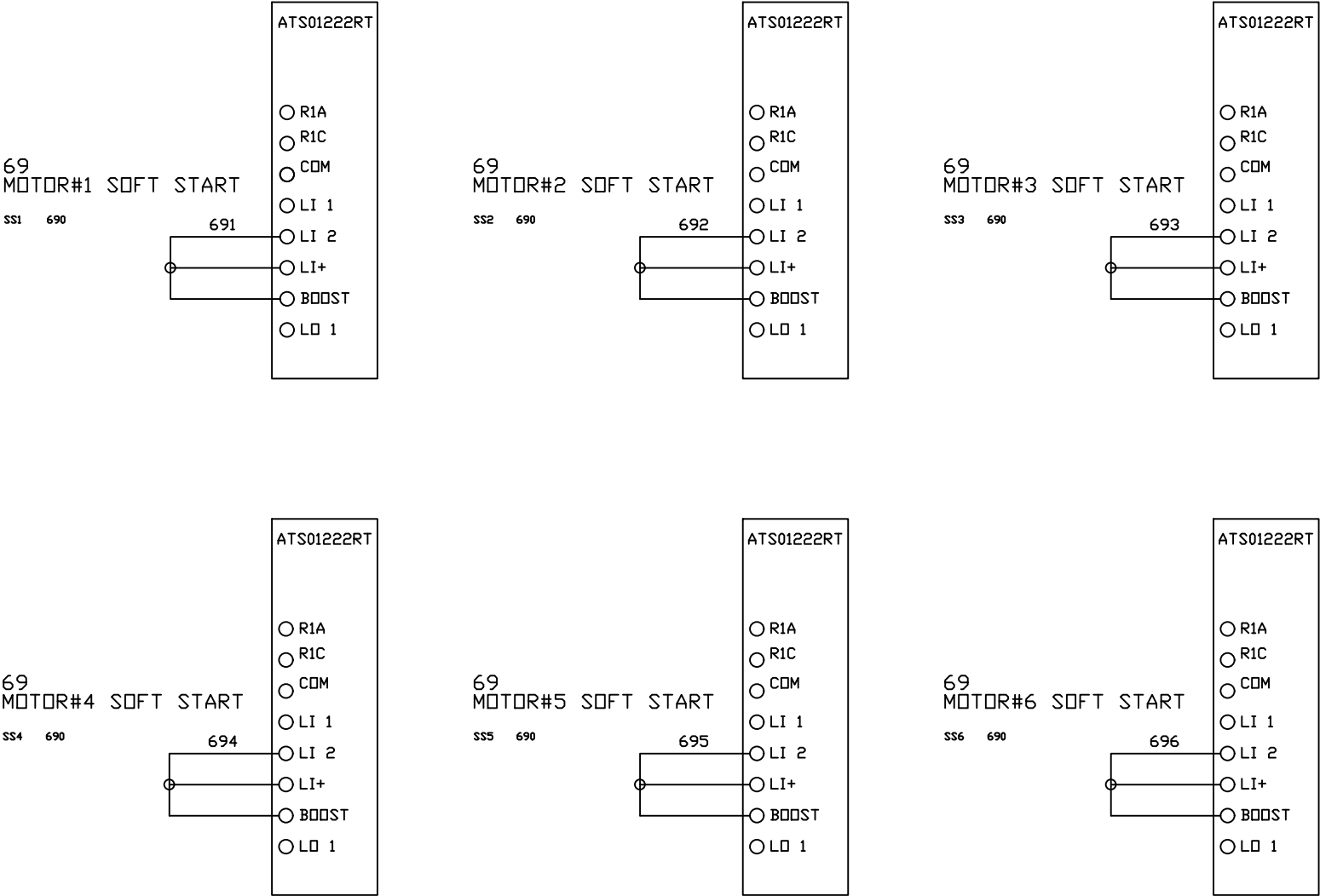


SET START TIME TO 3-SEC (B)

SET INITIAL VOLT SETTING TO 67% (D)

SET STOP TIME TO 60 SEC (C)

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	03/18/25	PXEC0667	SEK	JRD



OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
SEK	JRD	JRD
03/18/25	03/18/25	03/18/25

PANEL TYPE

PX ENCL SCROLL

HMI, BACNET, WEBSVR, NFPA, SOFT START

DWG. TYPE

WIRING

DWG. NO.

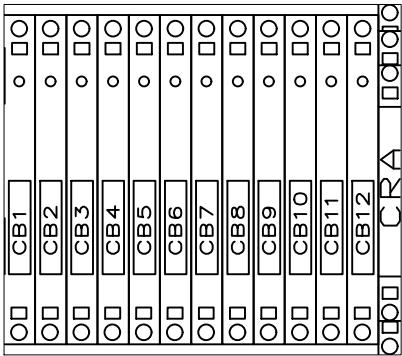
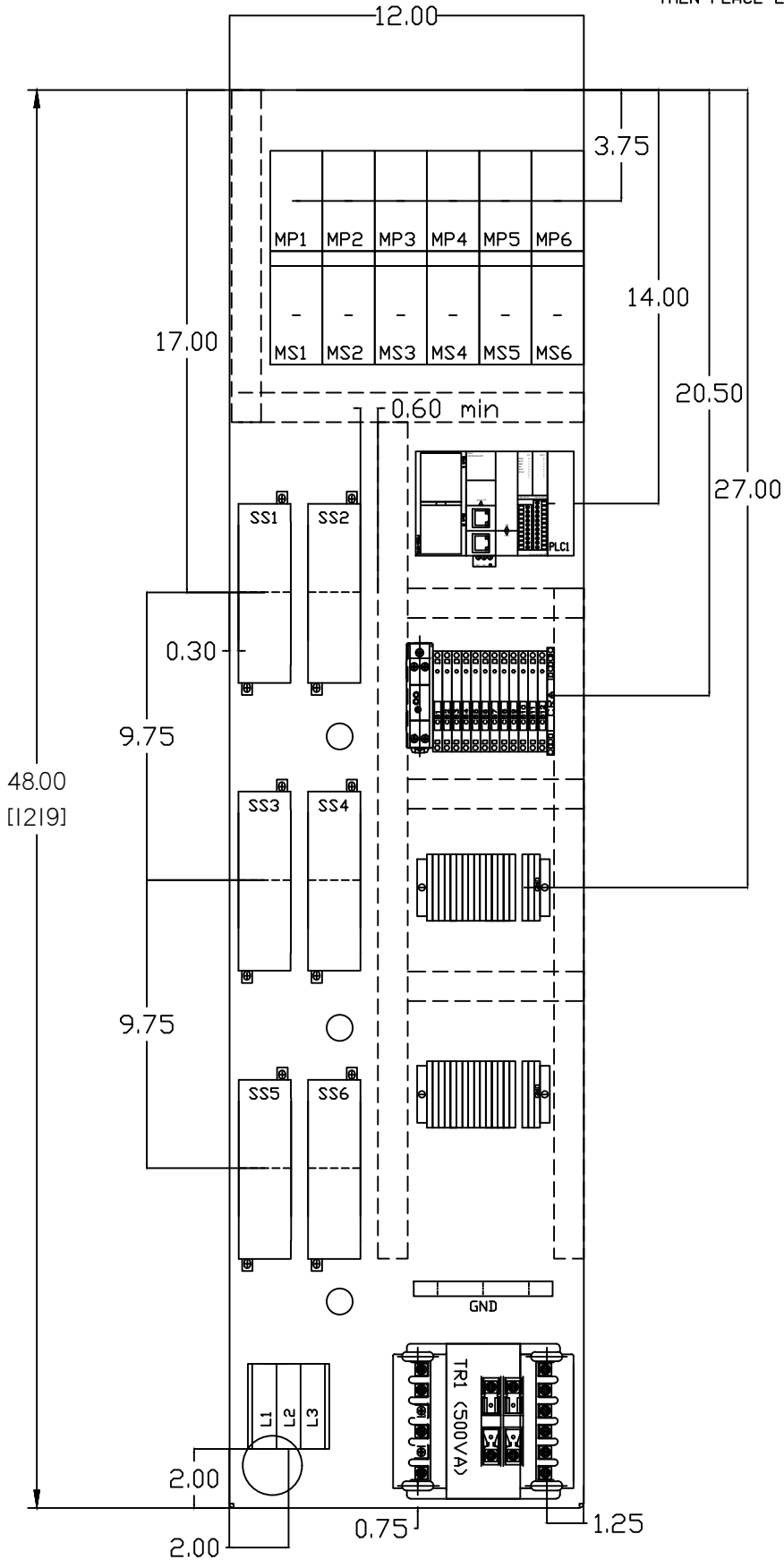
PBEIS-669

SHEET	SIZE
W-6	B

PBEIS-669

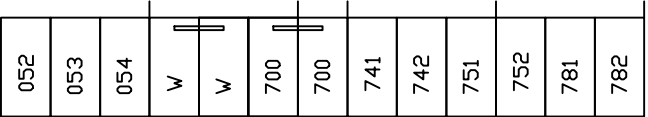
FOR ELECTRICAL ISOLATION OF PUMPS 1-3
TURN OFF CIRCUIT BREAKERS #1 ,2 3, 7, 8,
AND 9. TURN OFF MP1, MP2, AND MP3.
THEN PLACE LOCK OR TAG ON EACH DEVICE.

FOR ELECTRICAL ISOLATION OF PUMPS 4-6
TURN OFF CIRCUIT BREAKERS #4, 5, 6, 10,
11, AND 12. TURN OFF MP4, MP5, AND MP6.
THEN PLACE LOCK OR TAG ON EACH DEVICE.

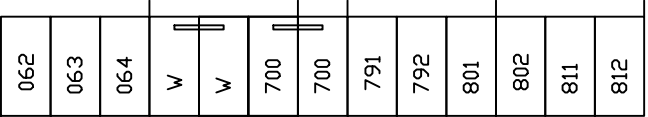


FIELD LOCATED TERMINAL BLOCKS

SIDE 1 PUMPS TEMP SWITCH
AND FAN CONNECTIONS

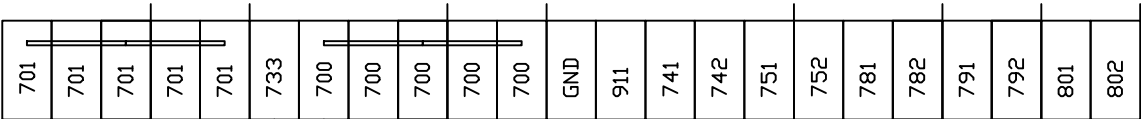


SIDE 2 PUMPS TEMP SWITCH
AND FAN CONNECTIONS



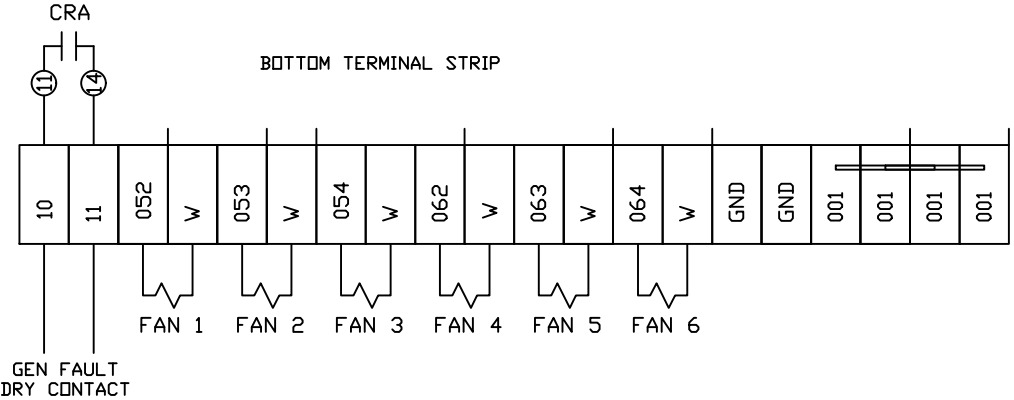
CONTROL PANEL TERMINAL BLOCKS

TOP TERMINAL STRIP



EXTERNAL
CONTROL
CONNECTION
(WHEN ENABLED)

BOTTOM TERMINAL STRIP



OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
SEK	JRD	JRD
03/18/25	03/18/25	03/18/25

PANEL TYPE
PX ENCL SCROLL
HMI, BACNET, WEBSVR, NFPA, SOFT START

DWG. TYPE LAYOUT

DWG. NO. PBEIS-669

SHEET LA-1
SIZE B

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	03/18/25	PXEC0667	SEK	JRD

TABLE 1

PANEL DATA 3Ø – 60 Hz 500VA CONTROL CIRCUIT					(B) BRANCH CIRCUIT PROTECTION – PROVIDED BY INSTALLER		
PANEL PART NUMBER	MOTOR SIZE EACH	(A) POWER (V/PH)	(A) MOTOR LOAD EACH (FLA)	PANEL LOAD TOTAL (FLA)	NONTIME DELAY FUSE	TIME-DELAY FUSE	INVERSE-TIME CIRCUIT BREAKER
PBEIS669A2AJ	10	208V/3Ø	25.4	154.8	225A	175A	200A
PBEIS669A3AJ	10	230V/3Ø	23.7	144.4	200A	175A	200A
PBEIS669A4AJ	10	460V/3Ø	11.9	72.5	100A	90A	100A
NOTE– ADJUST OVERCURRENT PROTECTION DEVICE NOT TO EXCEED 115% OF MOTOR NAMEPLATE FLA VALUE							

TABLE 1

PANEL DATA 3Ø – 60 Hz 500VA CONTROL CIRCUIT					(B) BRANCH CIRCUIT PROTECTION – PROVIDED BY INSTALLER		
PANEL PART NUMBER	MOTOR SIZE EACH	(A) POWER (V/PH)	(A) MOTOR LOAD EACH (FLA)	PANEL LOAD TOTAL (FLA)	NONTIME DELAY FUSE	TIME-DELAY FUSE	INVERSE-TIME CIRCUIT BREAKER
PBEIS66972AJ	7.5	208V/3Ø	19.2	117.6	175A	150A	150A
PBEIS66973AJ	7.5	230V/3Ø	17.7	108.4	150A	125A	150A
PBEIS66974AJ	7.5	460V/3Ø	8.87	54.3	80A	70A	70A
NOTE– ADJUST OVERCURRENT PROTECTION DEVICE NOT TO EXCEED 115% OF MOTOR NAMEPLATE FLA VALUE							

OPTIONAL:

POWEREX

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
SEK	JRD	JRD
03/18/25	03/18/25	03/18/25

PANEL TYPE	
PX ENCL SCROLL	
HMI, BACNET, WEBSVR, NFPA, SOFT START	
DWG. TYPE DATA TABLE	
DWG. NO. PBEIS-669	

SHEET	SIZE
D-1	B
PBEIS-669	