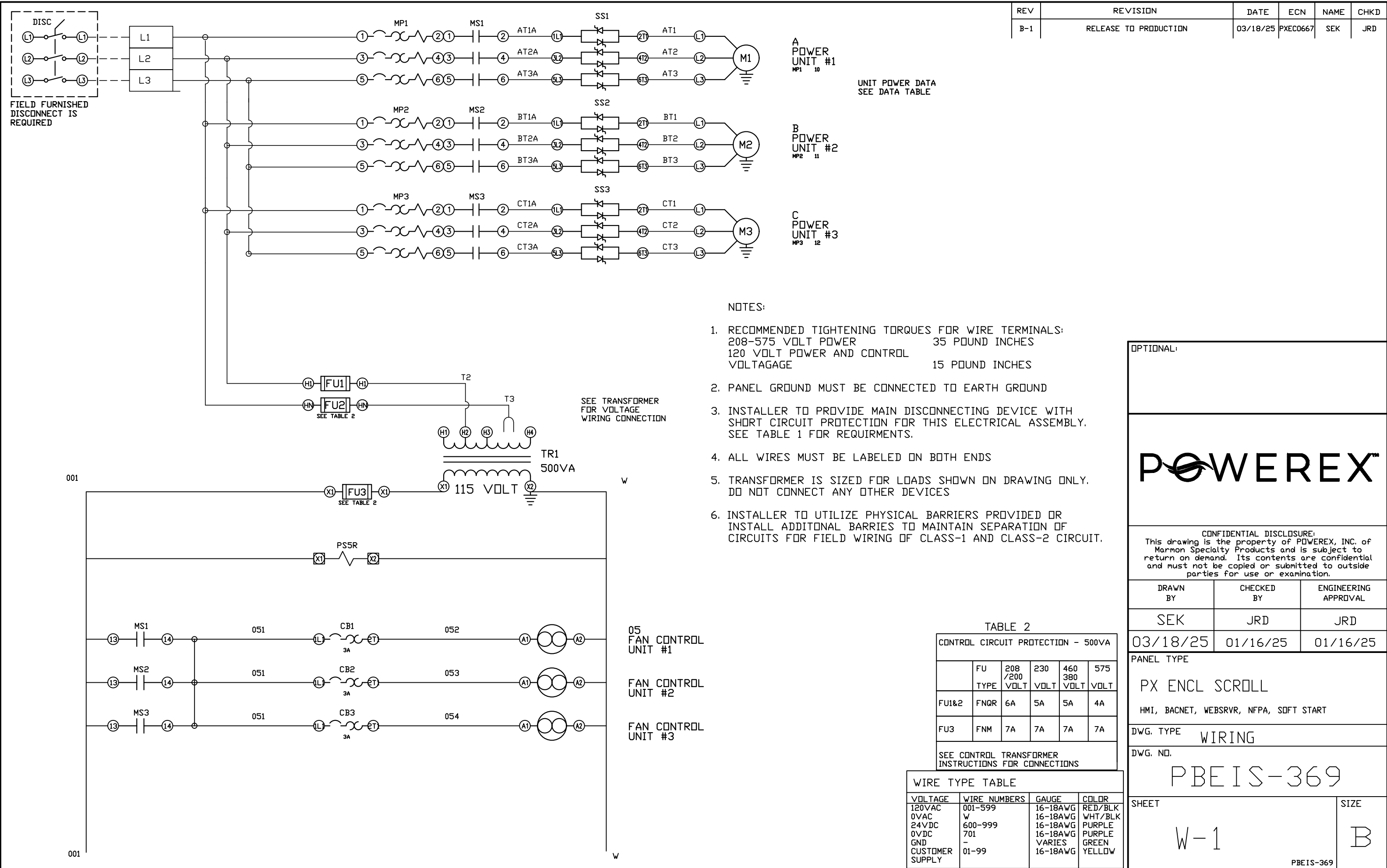
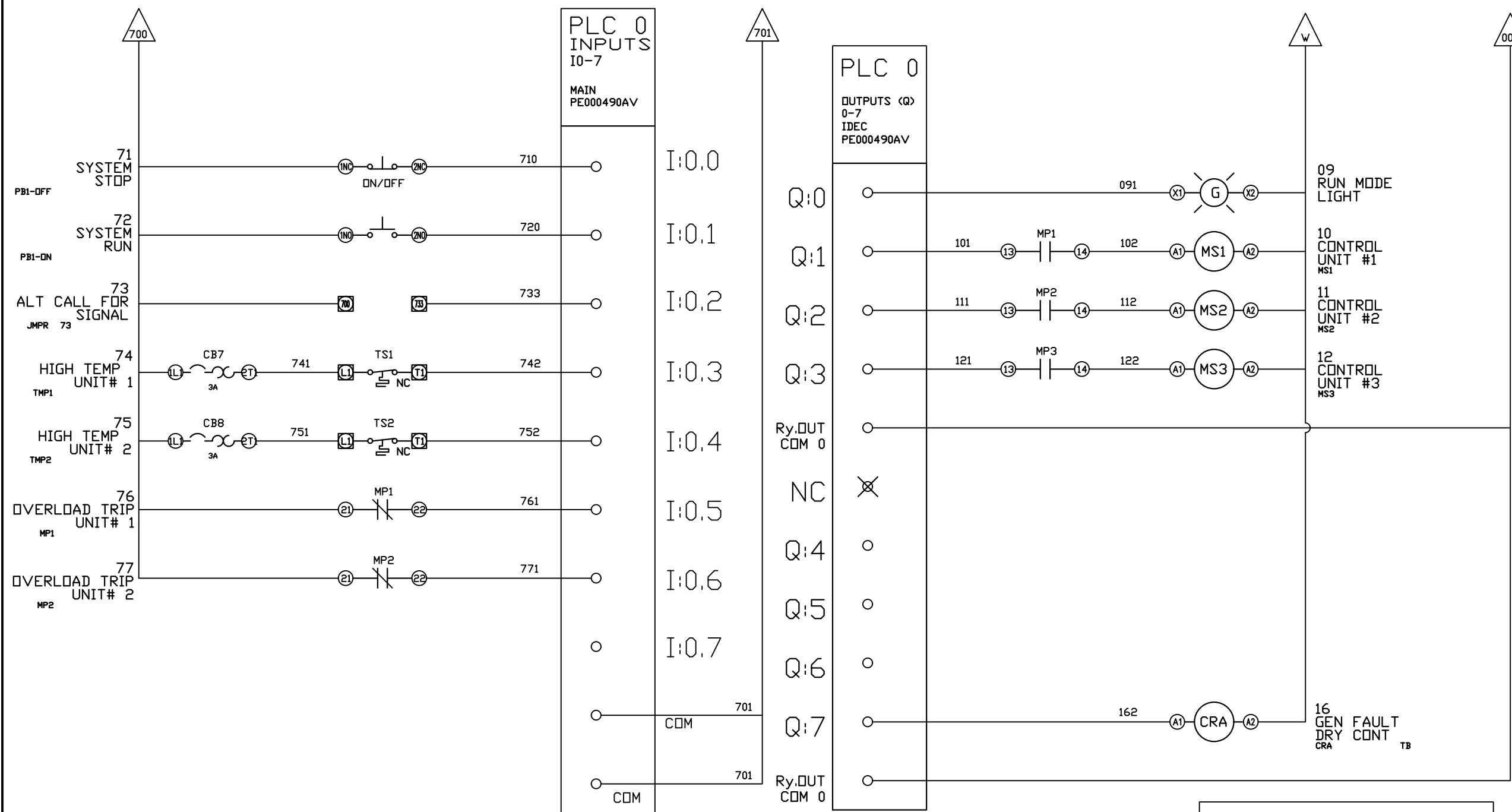




REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	03/18/25	PXEC0667	SEK	JRD



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
SEK	JRD	JRD
03/18/25	01/16/25	01/16/25

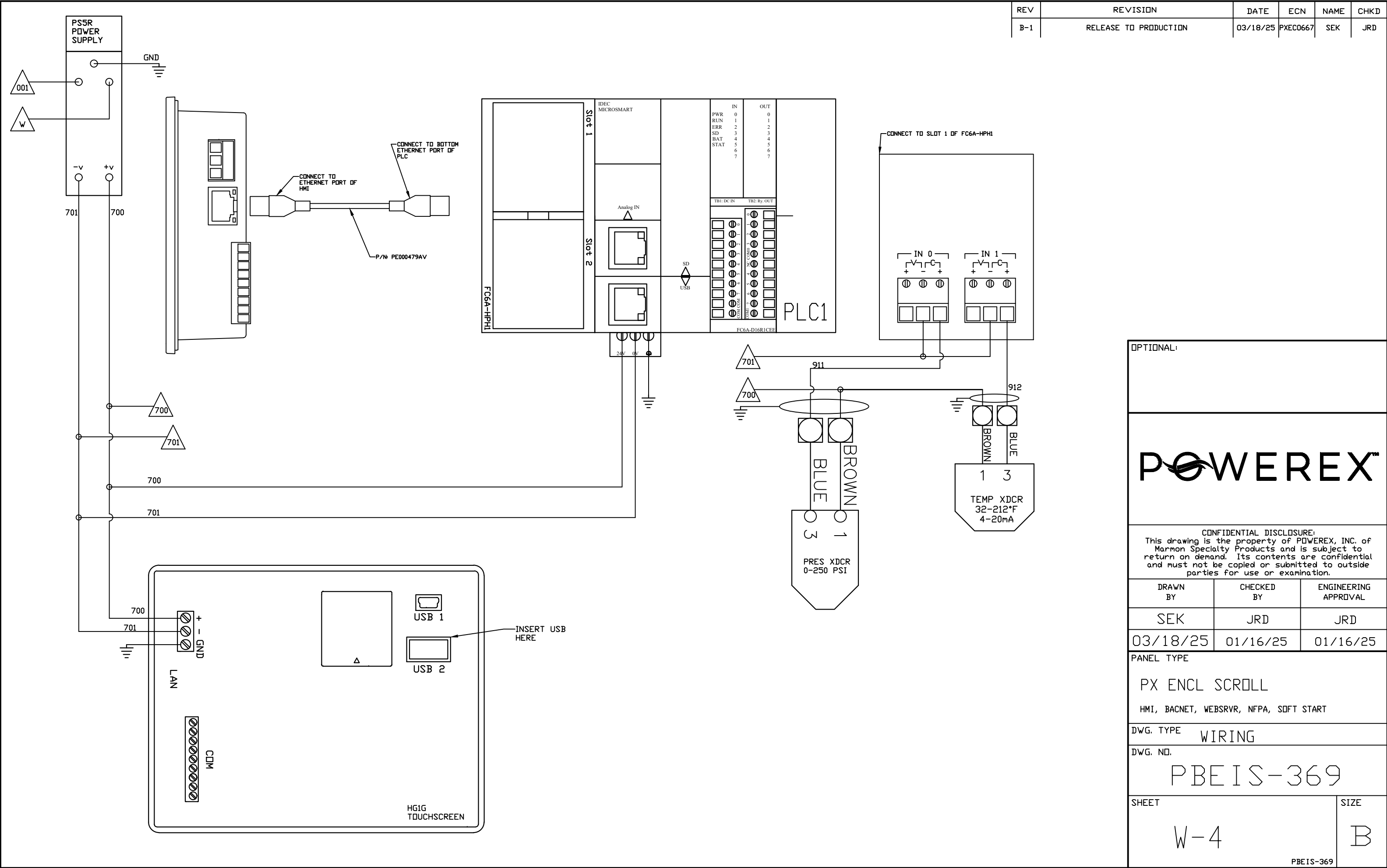
PANEL TYPE
PX ENCL SCROLL
HMI, BACNET, WEBSVR, NFPA, SOFT START

DWG. TYPE
WIRING

DWG. NO.
PBEIS-369

SHEET W-2	SIZE B
--------------	-----------

PBEIS-369



OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
SEK	JRD	JRD
03/18/25	01/16/25	01/16/25

PANEL TYPE

PX ENCL SCROLL

HMI, BACNET, WEBSVR, NFPA, SOFT START

DWG. TYPE

WIRING

DWG. NO.

PBEIS-369

SHEET

W-4

SIZE

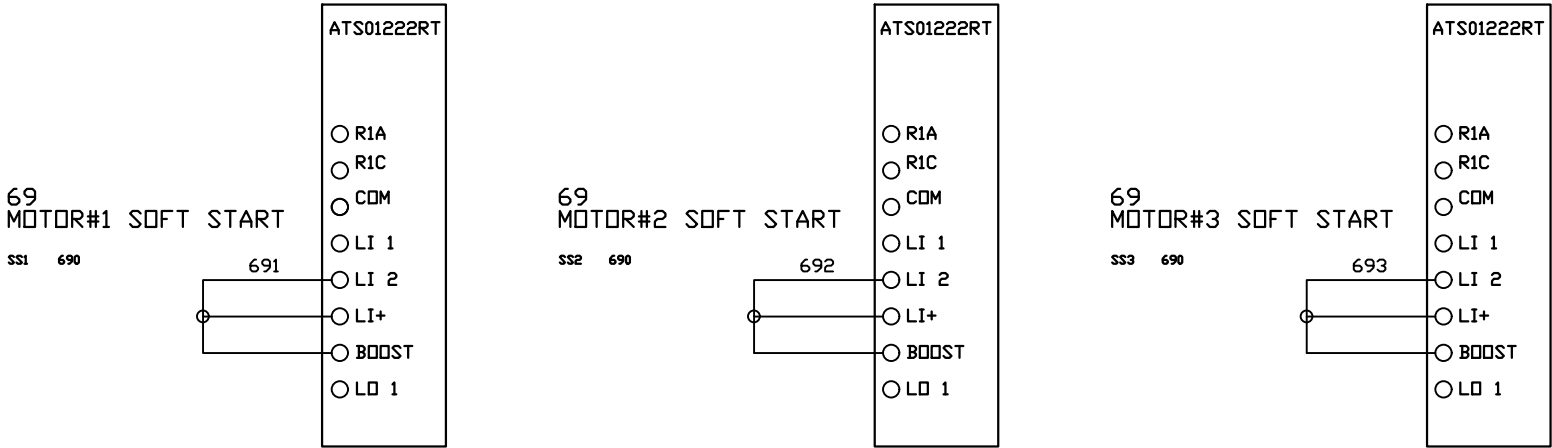
B

PBEIS-369

SET START TIME TO 3-SEC (B)

SET INITIAL VOLT SETTING TO 67% (D)

SET STOP TIME TO 60 SEC (C)



OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
SEK	JRD	JRD
03/18/25	01/16/25	01/16/25

PANEL TYPE

PX ENCL SCROLL

HMI, BACNET, WEBSVR, NFPA, SOFT START

DWG. TYPE WIRING

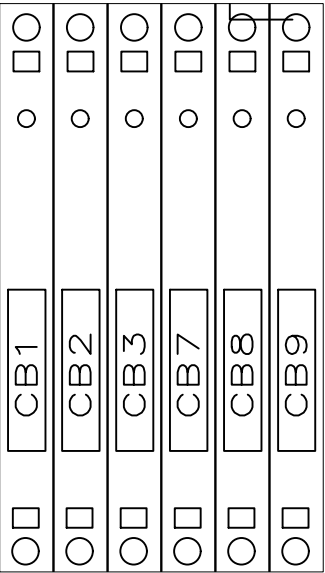
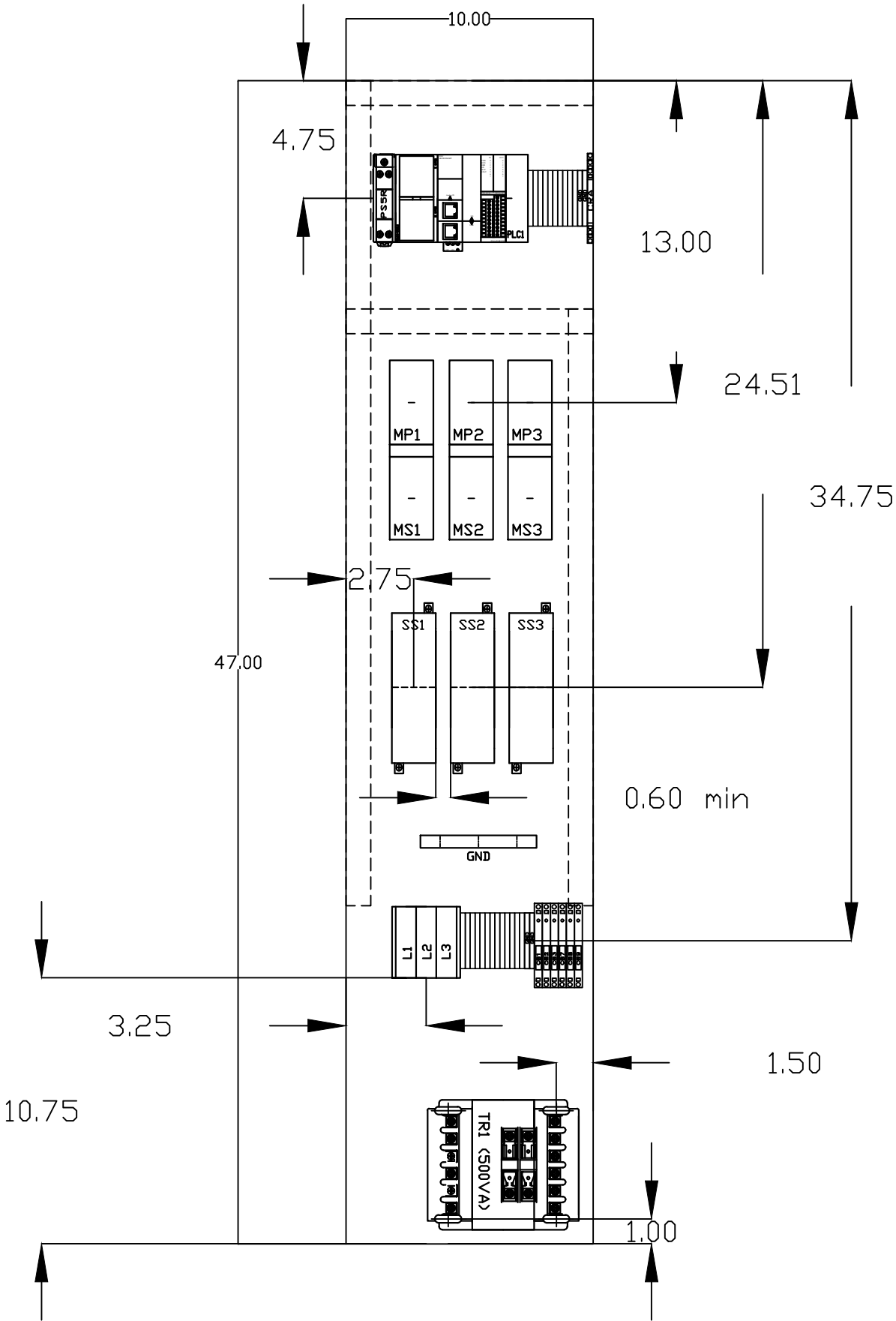
DWG. NO.

PBEIS-369

SHEET	SIZE
W-5	B

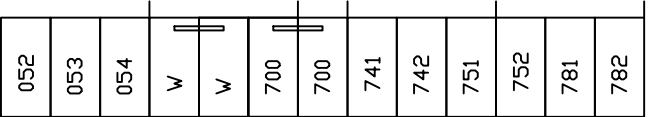
REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	03/18/25	PXEC0667	SEK	JRD

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.



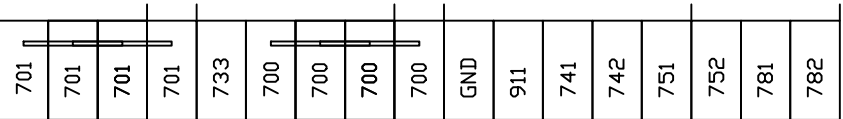
FIELD LOCATED TERMINAL BLOCKS

SIDE 1 PUMPS TEMP SWITCH
AND FAN CONNECTIONS



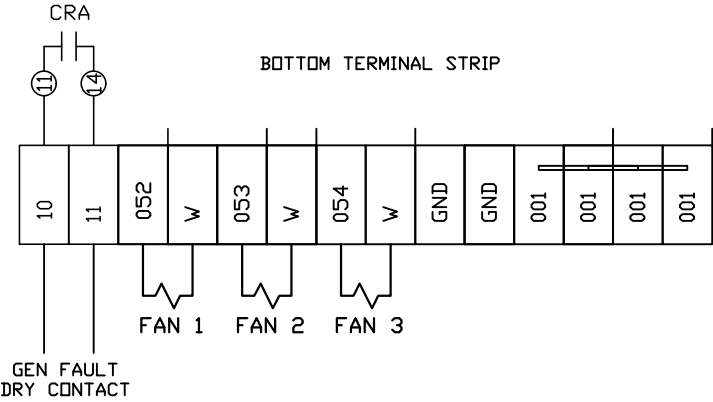
CONTROL PANEL TERMINAL BLOCKS

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	01/16/25	01/16/25

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

DWG. TYPE LAYOUT

DWG. NO. PBEIS-369

SHEET	SIZE
LA-1	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
PBEIS369A2AJ	10	208V/3Ø	25.4	78.6	150A	100A	125A
PBEIS369A3AJ	10	230V/3Ø	23.7	73.3	125A	100A	110A
PBEIS369A4AJ	10	460V/3Ø	11.9	36.8	70A	50A	60A
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
PBEIS36972AJ	7.5	208V/3Ø	19.2	60.0	100A	80A	90A
PBEIS36973AJ	7.5	230V/3Ø	17.7	55.3	100A	70A	90A
PBEIS36974AJ	7.5	460V/3Ø	8.87	27.7	50A	35A	45A
NOTE– ADJUST OVERCURRENT PROTECTION DEVICE NOT TO EXCEED 115% OF MOTOR NAMEPLATE FLA VALUE							

OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
SEK	JRD	JRD
03/18/25	01/16/25	01/16/25

PANEL TYPE

PX ENCL SCROLL

HMI, BACNET, WEBSVR, NFPA, SOFT START

DWG. TYPE DATA TABLE

DWG. NO.

PBEIS-369

SHEET	SIZE
D-1	B
PBEIS-369	