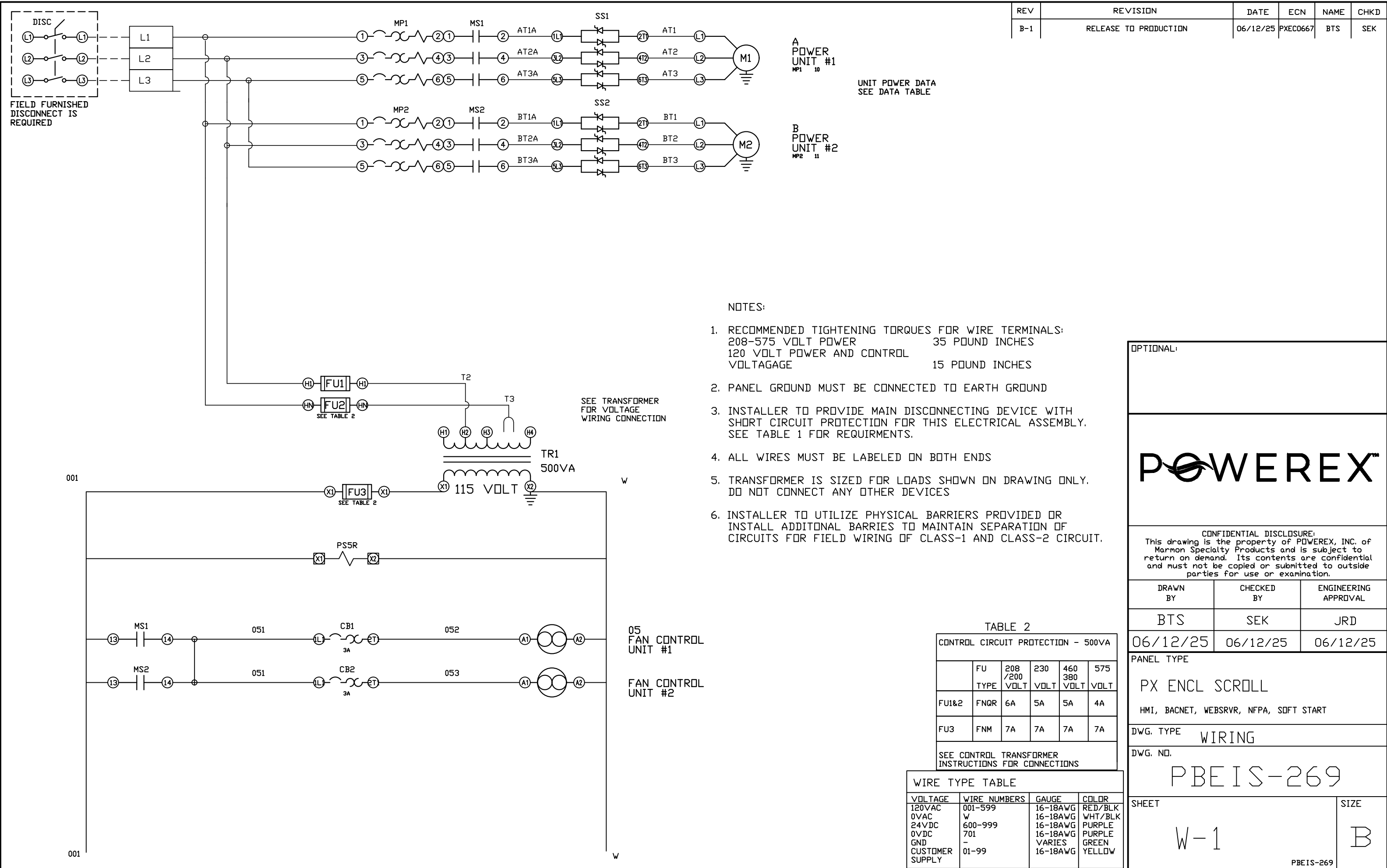




REV

REVISION

DATE

ECN

NAME

CHKD

B-1

RELEASE TO PRODUCTION

06/12/25

PXEC0667

BTS

SEK

OPTIONAL:

POWEREX™

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DRAWN BY

CHECKED BY

ENGINEERING APPROVAL

BTS

SEK

JRD

06/12/25

06/12/25

06/12/25

PANEL TYPE

PX ENCL SCROLL

HMI, BACNET, WEBSVR, NFPA, SOFT START

DWG. TYPE

WIRING

DWG. NO.

PBEIS-269

SHEET

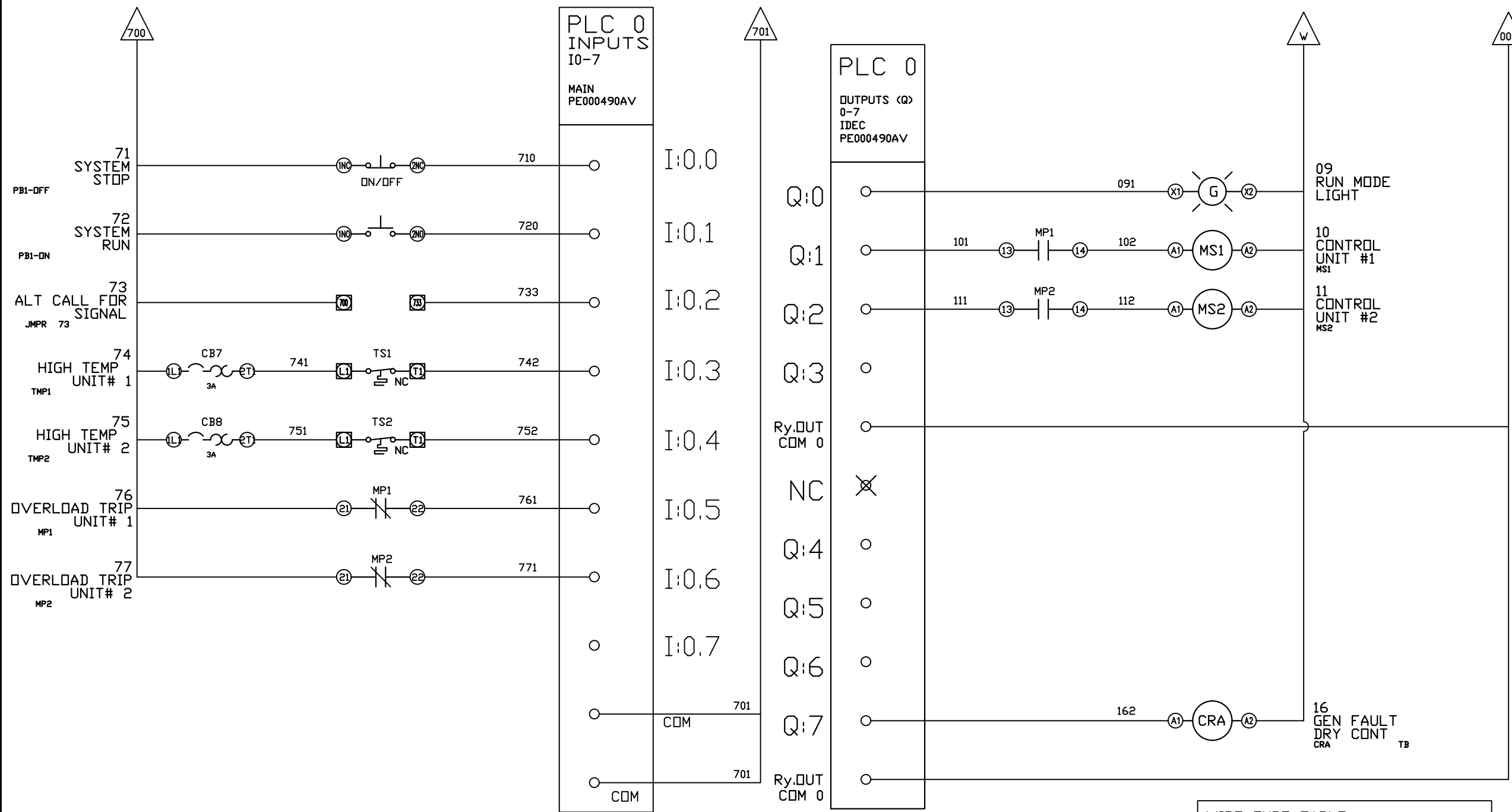
W-1

SIZE

B

PBEIS-269

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	06/12/25	PXEC0667	BTS	SEK



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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
BTS	SEK	JRD
06/12/25	06/12/25	06/12/25

PANEL TYPE

PX ENCL SCROLL

HMI, BACNET, WEBSVR, NFPA, SOFT START

DWG. TYPE WIRING

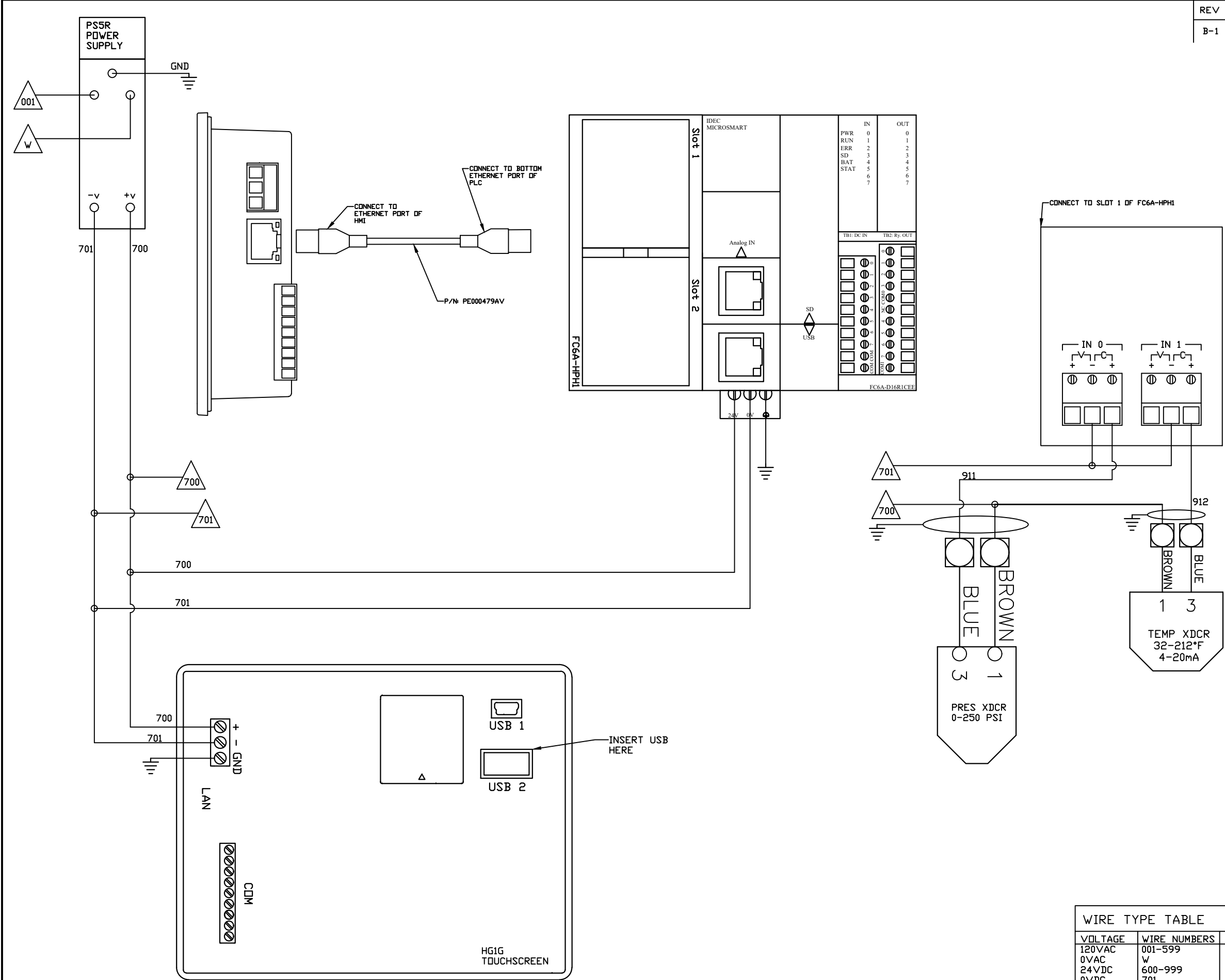
DWG. NO.

PBEIS-269

SHEET	SIZE
W-2	B

PBEIS-269

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	06/12/25	PXEC0667	BTS	SEK



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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
BTS	SEK	JRD
06/12/25	06/12/25	06/12/25

PANEL TYPE

PX ENCL SCROLL

HMI, BACNET, WEBSVR, NFPA, SOFT START

DWG. TYPE WIRING

DWG. NO.

PBEIS-269

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

SHEET

W-3

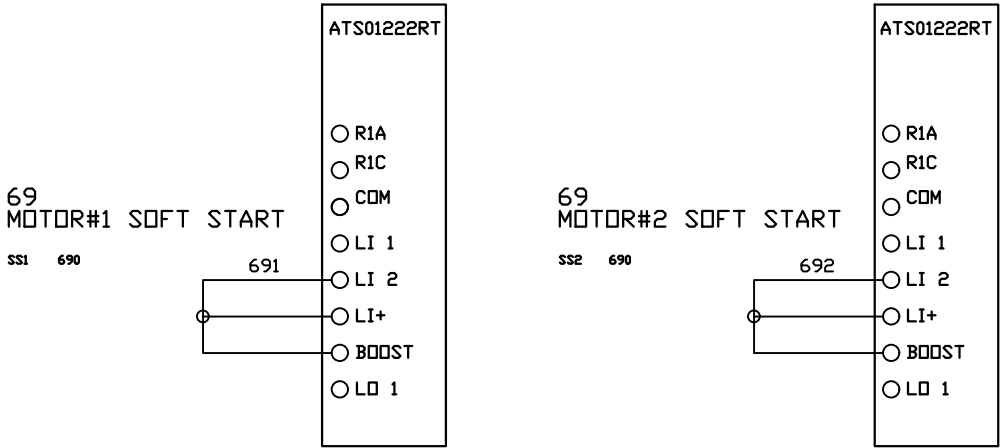
SIZE

B

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
BTS	SEK	JRD
06/12/25	06/12/25	06/12/25

PANEL TYPE

PX ENCL SCROLL

HMI, BACNET, WEBSVR, NFPA, SOFT START

DWG. TYPE

WIRING

DWG. NO.

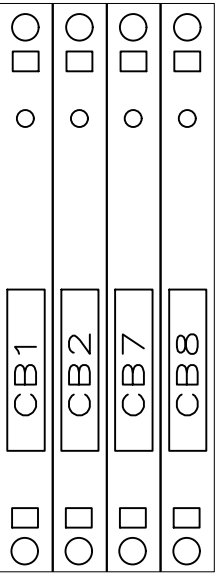
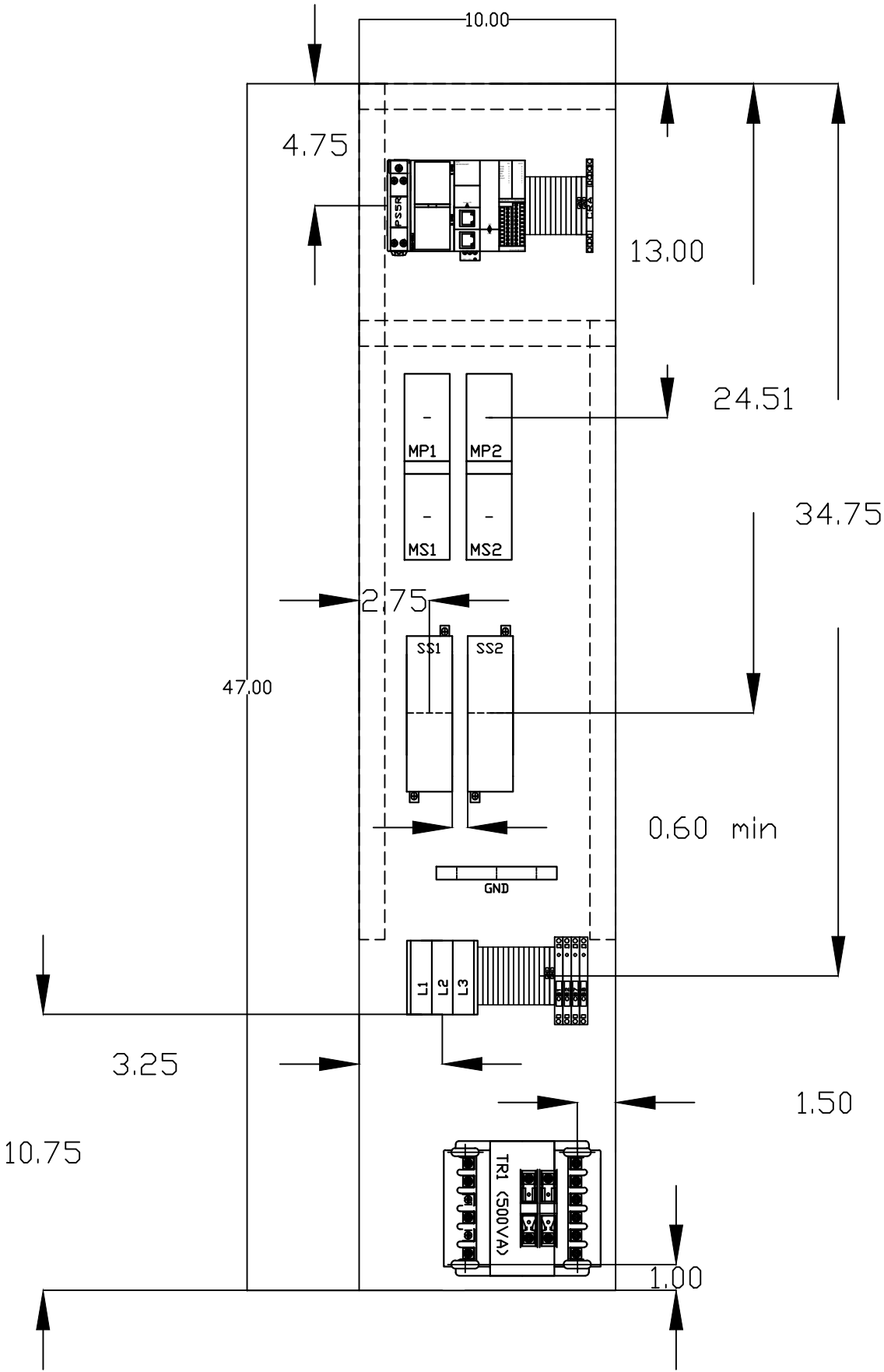
PBEIS-269

SHEET	SIZE
W-4	B

PBEIS-269

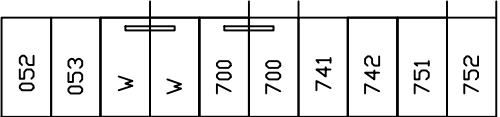
REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	06/12/25	PXEC0667	BTS	SEK

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



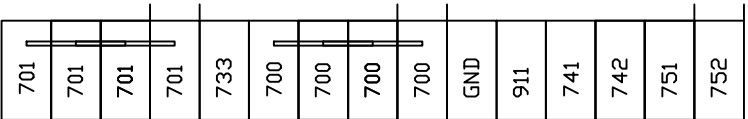
FIELD LOCATED TERMINAL BLOCKS

SIDE 1 PUMPS TEMP SWITCH
AND FAN CONNECTIONS



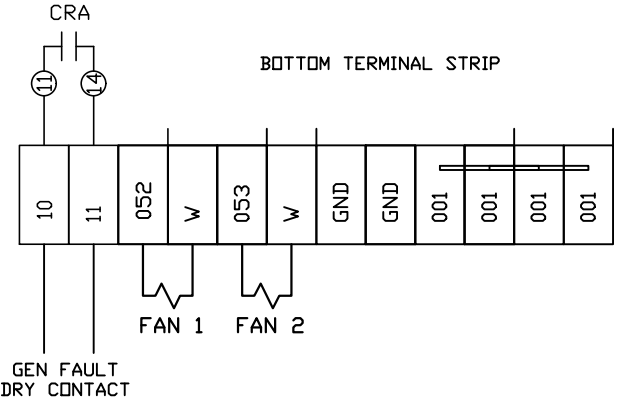
CONTROL PANEL TERMINAL BLOCKS

TOP TERMINAL STRIP



EXTERNAL
CONTROL
CONNECTION
(WHEN ENABLED)

BOTTOM TERMINAL STRIP



OPTIONAL:

POWEREX™

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
BTS	SEK	JRD
06/12/25	06/12/25	06/12/25

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

DWG. TYPE LAYOUT

DWG. NO. PBEIS-269

SHEET LA-1
SIZE B

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	06/12/25	PXEC0667	BTS	SEK

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
PBEIS269A2AJ	10	208V/3Ø	25.4	53.2	110A	80A	100A
PBEIS269A3AJ	10	230V/3Ø	23.7	49.6	100A	70A	90A
PBEIS269A4AJ	10	460V/3Ø	11.9	24.9	50A	35A	45A
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
PBEIS26972AJ	7.5	208V/3Ø	19.2	40.8	80A	60A	70A
PBEIS26973AJ	7.5	230V/3Ø	17.7	37.6	80A	60A	70A
PBEIS26974AJ	7.5	460V/3Ø	8.87	18.8	40A	30A	35A
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
BTS	SEK	JRD
06/12/25	06/12/25	06/12/25

PANEL TYPE	
PX ENCL SCROLL	
HMI, BACNET, WEBSVR, NFPA, SOFT START	
DWG. TYPE DATA TABLE	
DWG. NO. PBEIS-269	

SHEET	SIZE
D-1	B
PBEIS-269	