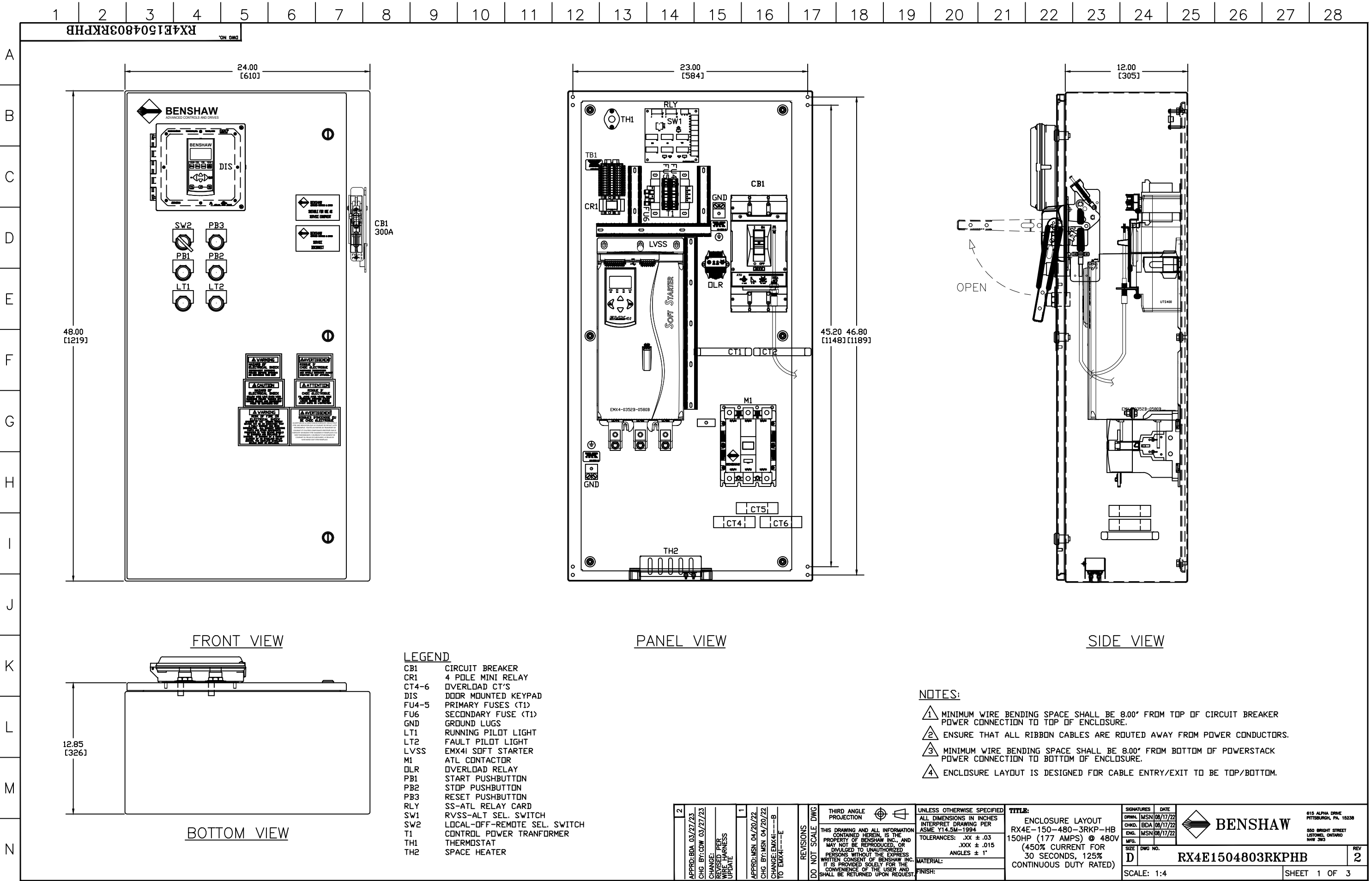
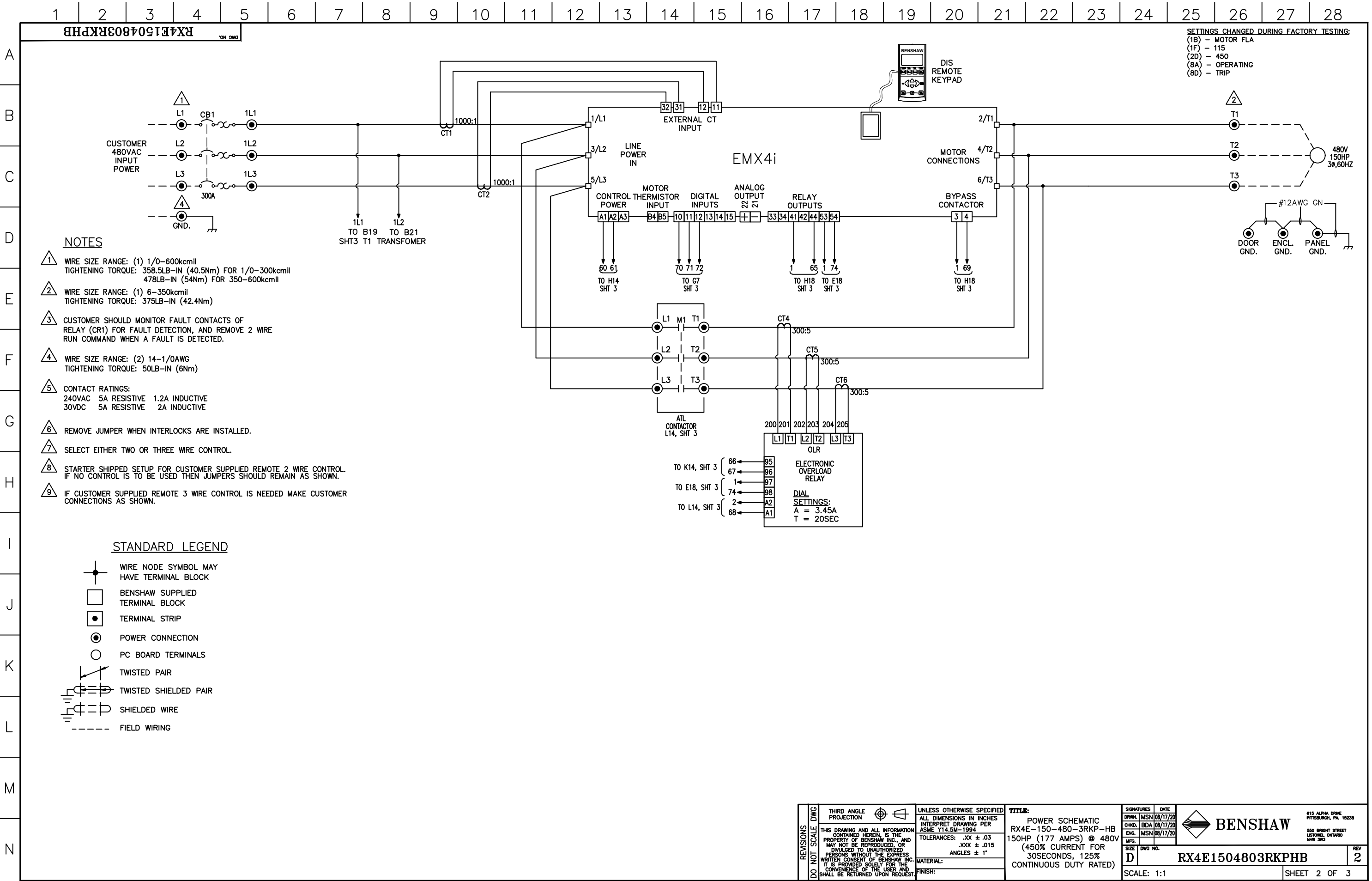




- LEGEND**
- CB1 CIRCUIT BREAKER
 - CR1 4 POLE MINI RELAY
 - CT4-6 OVERLOAD CT'S
 - DIS DOOR MOUNTED KEYPAD
 - FU4-5 PRIMARY FUSES (T1)
 - FU6 SECONDARY FUSE (T1)
 - GND GROUND LUGS
 - LT1 RUNNING PILOT LIGHT
 - LT2 FAULT PILOT LIGHT
 - LVSS EMX4I SOFT STARTER
 - M1 ATL CONTACTOR
 - DLR OVERLOAD RELAY
 - PB1 START PUSHBUTTON
 - PB2 STOP PUSHBUTTON
 - PB3 RESET PUSHBUTTON
 - RLY SS-ATL RELAY CARD
 - SW1 RVSS-ALT SEL. SWITCH
 - SW2 LOCAL-OFF-REMOTE SEL. SWITCH
 - T1 CONTROL POWER TRANSFORMER
 - TH1 THERMOSTAT
 - TH2 SPACE HEATER

- NOTES:**
- 1 MINIMUM WIRE BENDING SPACE SHALL BE 8.00" FROM TOP OF CIRCUIT BREAKER POWER CONNECTION TO TOP OF ENCLOSURE.
 - 2 ENSURE THAT ALL RIBBON CABLES ARE ROUTED AWAY FROM POWER CONDUCTORS.
 - 3 MINIMUM WIRE BENDING SPACE SHALL BE 8.00" FROM BOTTOM OF POWERSTACK POWER CONNECTION TO BOTTOM OF ENCLOSURE.
 - 4 ENCLOSURE LAYOUT IS DESIGNED FOR CABLE ENTRY/EXIT TO BE TOP/BOTTOM.

2		APPRD: BDA 03/27/23 CHG BY: CDW 03/27/23 CHANGE: REVISED PER WIRE HARNESS UPDATE		1		APPRD: MSN 04/20/22 CHG BY: MSN 04/20/22 CHANGE: EMX4I-----B TO EMX4I-----E		REVISIONS		DO NOT SCALE DWG		THIRD ANGLE PROJECTION				UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES INTERPRET DRAWING PER ASME Y14.5M-1994 TOLERANCES: .XX ± .03 .XXX ± .015 ANGLES ± 1° MATERIAL: FINISH:		TITLE: ENCLOSURE LAYOUT RX4E-150-480-3RKP-HB 150HP (177 AMPS) @ 480V (450% CURRENT FOR 30 SECONDS, 125% CONTINUOUS DUTY RATED)		SIGNATURES DRW: MSN 08/17/22 CHKD: BDA 08/17/22 ENG: MSN 08/17/22 MFG: SIZE D DWG NO.		DATE 08/17/22 08/17/22 08/17/22		 BENSCHAW 615 ALPHA DRIVE PITTSBURGH, PA. 15238 550 BRIGHT STREET LITTONWEL, ONTARIO M4W 3W5		REV 2	
SCALE: 1:4										RX4E1504803RKPHB										SHEET 1 OF 3							



SETTINGS CHANGED DURING FACTORY TESTING:

(1B)	-	MOTOR FLA
(1F)	-	115
(2D)	-	450
(8A)	-	OPERATING
(8D)	-	TRIP

- NOTES**
- 1 WIRE SIZE RANGE: (1) 1/0-600kcmil
TIGHTENING TORQUE: 358.5LB-IN (40.5Nm) FOR 1/0-300kcmil
478LB-IN (54Nm) FOR 350-600kcmil
 - 2 WIRE SIZE RANGE: (1) 6-350kcmil
TIGHTENING TORQUE: 375LB-IN (42.4Nm)
 - 3 CUSTOMER SHOULD MONITOR FAULT CONTACTS OF RELAY (CR1) FOR FAULT DETECTION, AND REMOVE 2 WIRE RUN COMMAND WHEN A FAULT IS DETECTED.
 - 4 WIRE SIZE RANGE: (2) 14-1/0AWG
TIGHTENING TORQUE: 50LB-IN (6Nm)
 - 5 CONTACT RATINGS:
240VAC 5A RESISTIVE 1.2A INDUCTIVE
30VDC 5A RESISTIVE 2A INDUCTIVE
 - 6 REMOVE JUMPER WHEN INTERLOCKS ARE INSTALLED.
 - 7 SELECT EITHER TWO OR THREE WIRE CONTROL.
 - 8 STARTER SHIPPED SETUP FOR CUSTOMER SUPPLIED REMOTE 2 WIRE CONTROL. IF NO CONTROL IS TO BE USED THEN JUMPERS SHOULD REMAIN AS SHOWN.
 - 9 IF CUSTOMER SUPPLIED REMOTE 3 WIRE CONTROL IS NEEDED MAKE CUSTOMER CONNECTIONS AS SHOWN.

STANDARD LEGEND

- WIRE NODE SYMBOL MAY HAVE TERMINAL BLOCK
- BENSHAW SUPPLIED TERMINAL BLOCK
- TERMINAL STRIP
- POWER CONNECTION
- PC BOARD TERMINALS
- TWISTED PAIR
- TWISTED SHIELDED PAIR
- SHIELDED WIRE
- FIELD WIRING

REVISIONS DO NOT SCALE DWG	THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES INTERPRET DRAWING PER ASME Y14.5M-1994 TOLERANCES: .XX ± .03 .XXX ± .015 ANGLES ± 1° MATERIAL: FINISH:	TITLE: POWER SCHEMATIC RX4E-150-480-3RKP-HB 150HP (177 AMPS) @ 480V (450% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)	SIGNATURES	DATE		615 ALPHA DRIVE PITTSBURGH, PA. 15238 550 BRIGHT STREET LUTOWEL, ONTARIO N4W 5W5	REV 2
	DRWN: MSN			08/17/20				
	CHKD: BDA			08/17/20				
	ENG: MSN			08/17/20				
SIZE	DWG NO.	D		RX4E1504803RKP-HB				
SCALE: 1:1				SHEET 2 OF 3				

