

PART	DESCRIPTION	* = OPTIONAL	QTY	DES
307025	FUSE;1 1/4A;TIME DELAY;13/32 X 1.5; FNQ,KLDR,ATQR,TPK		3	F1-3
308016	FUSE HOLDER; 1 POLE CLASS CC		1	F3
309614	Eaton PD CIRCUIT BREAKER; 3 POL; 600V; 175A		FOR 600A	CB
309602	Eaton PD CIRCUIT BREAKER; 3 POL; 600V; 250A		FOR 1000A	CB
309615	Eaton PD CIRCUIT BREAKER; 3 POL; 600V; 125A		FOR 360A	CB
310028	XFMR VLV; 100VA; 280-600/100-240		1	T1
318060-001	PWR SUP 115/230VAC TO 24VDC		1	PS
322546-003	HARNESS ASSEM. 10 PIN TO 9 PIN MALE		1	CH-CA
322614	HARNESS IPAK2 BCM		1	
325333	L1,L3,L3 PRIMARY WIRING ASSY.		3	L1-L3
325334	CHAISS BONDING WIRE ASSY		1	GND
325335	PANEL BONDING WIRE ASSY		1	GND
326085-006	CABLE; ETHERNET 7 RJ45 6FT PATCH		1	CH-CA
331208	JUMPER; GRAY INSERTION BRIDGE; FOR PHOENIX TERM BLOCKS		2	J1&2
331264	EN6001 I/O TERM STRIP JUMPER		2	TS2
335071	TERM STRIP;12 PIN 20A;600V		1	TS2
555064	SPACER; FUSE BLOCK MOUNTING SHIM		1	F3
566058	HOSE BARB; CHILLPLATE BPT		2	CH
563010	GROMMET		2	CH
600778	EIP & COMS ACCESS		1	CA
600789	GROUND BUS ASSEM; 3/4" x 1/8"		1	GB
600815	IPAK2 v2 TIMER ASSEMBLY		1	TIMER
600816	ASSEMBLY; 600A IPAK2 CHASSIS 480 VAC		1	CH
600816-001	ASSEMBLY; 360A IPAK2 CHASSIS 480 VAC		1	CH
600816-002	ASSEMBLY; 600A IPAK2 CHASSIS 240 VAC		1	CH
600816-003	ASSEMBLY; 360A IPAK2 CHASSIS 240 VAC		1	CH
600816-010	ASSEMBLY; 1000A IPAK2 CHASSIS 480 VAC		1	CH
600816-011	ASSEMBLY; 1000A IPAK2 CHASSIS 240 VAC		1	CH
	OPTIONAL PENDANT			
90-90-55	WSP3 PROGRAMMER WITH CABLE	*		
202032	DB9 CABLE EX-012 SPC 20040 part of 90-90-55	*		
	OPTIONAL IPC,IPS			
730005-019	IPSDV-DIFF PRES SENSOR, 1/4" NPT,0-10 VDC	*		IPSDV
730005-020	IPSV SENSOR 0-10V	*		IPSV
730005-021	IPCv2 POPORTIONAL VALVE 1/2" 0-10V	*		IPCv2
730005-022	IPCv5 POPORTIONAL VALVE 1 1/4" 0-10V	*		IPCv5
	OPTIONAL OMS			
302027	OMS SWITCH ASSEMBLY	*		SW1&3
460352	LABEL OPERATIONAL MODE	*		SW1&3

REV	AUTH	DESCRIPTION			DRAWN BY DATE
Page 1 of 2					
ENTRON					
SCALE	DATE	DRAWN BY		CHK'D BY	APPROVED BY
NONE	10/10/22	DCS		DCS	DCS
TOLERANCE UNLESS SPECIFIED				REVISED	
ANGLES:		$\pm 1/2^\circ$		REV LTR	APPROVED BY
DECIMALS:		$\pm .010$		-	-
FRACTIONS		$\pm 1/64$		DATE	-
iPAKv2 BCM SERIES WIRING DIAGRAM USA					
NEXT ASSM/USED ON			DRAWING NUMBER		REV
IPAK2 V2 BCM 360,600,1K			421567		A

SEE MANUAL 700253

TO DOOR MOUNTED COMPUTER ACCESS **TO CHASSIS** **NOT USED THIS CONTROL MODEL** **TIMER 600815**

P1 system

P2 input

P3 output

P4 analog

P5 sensor

P6 power

P7 mux

RS232 COM3

RS485 COM2

Ethernet COM4, COM5, COM6

EXP

ENTRON™

iPAK2 CPU

v2

MAC:

EtherNet/IP

NS

MS

1

2

3

4

5

6

7

8

9

10

11

12

COM1

COM2

COM3

COM4

COM5

COM6

P1 pin Input bit

1. 24V OUT	-
2. START (FS1)	0
3. -	-
4. -	-
5. -	-
6. P1 (PB1)	9
7. P2 (PB2)	10
8. P4 (PB4)	11
9. P8 (PB8)	12
10. P16 (PB16)	13
11. P32 (PB32)	14
12. RESET STEPPER (SR1)	8
13. RESET COUNTER	7
14. RETRACT (RT1)	5
15. RESET FAULT (FR1)	6
16. 2 nd STAGE (PS1)	4
17. P64 (PB64)/EDIT ENABLE	18

P2 pin Input bit

1. -	-
2. 24V IN	2
3. STOP (ES1)	2
4. THERMAL (TT1)	3
5. WELD ON (NW1)	1
6. 0V	-

P3 pin Output bit


1. AV1 (SV1)	15
2. AV2 (SV2)	14
3. AV3 (SV3)	13
4. HAV (RV1)	1
5. -	-
6. COUNTER	5
7. STEPPER	6
8. PRE-WARN	7
9. AV4 (SV4)	12
10. AV5 (SV5)	11
11. AV6 (SV6)	10
12. AV7 (SV7)	9
13. AV8 (SV8)	8
14. EOS (EH1)	0
15. FAULT (FT1)	3
16. READY	4
17. CONTACTOR (MC1)	6
18. 0V (SV0)	-

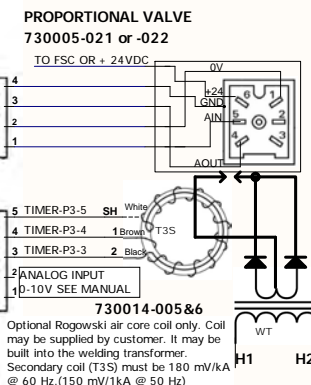
P4 pin

4. GND	-
3. Aout	-
2. 0V	-
1. Ain1	-

P5 pin

5. GND	-
4. Toroid	-
3. Toroid	-
2. Ain2-	-
1. Ain2+	-

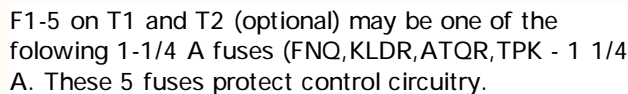
 **WARNING**
FLASH HAZARD
DO NOT DISASSEMBLE
ELECTRICAL FLASH WILL CAUSE SEVERE
INJURY OR DEATH, AND DAMAGE EQUIPMENT.



TO RS485
INTERFACE
SEE MANUAL

TO DOOR MOUNTED
COMPUTER ACCESS
PANEL

Connection supplies internal software ports that communicate with E/IP and Modbus. Typically comes from factory with address set to 192.168.0.101.



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	OPTIONAL PENDANT			
90-90-55	WSP3 PROGRAMMER WITH CABLE		*	
202032	DB9 CABLE EX-012 SPC 20040 part of 90-90-55		*	
	OPTIONAL COILS			
730014-005	S5 COIL; EN6001/6021/6041/7000		*	T3S
730014-006	S8 COIL; EN6001/6021/6041/7000		*	T3S
	OPTIONAL IPC,IPS			
730005-019	IPSDV DIFF PRES SENSOR, 1/4" NPT, 0-10 VDC		*	IPSDV
730005-020	IPSV SENSOR 0-10V		*	IPSV
730005-021	IPCv2 POPORTIONAL VALVE 1/2" 0-10V		*	IPCv2
730005-022	IPCv5 POPORTIONAL VALVE 1 1/4" 0-10V		*	IPCv5

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