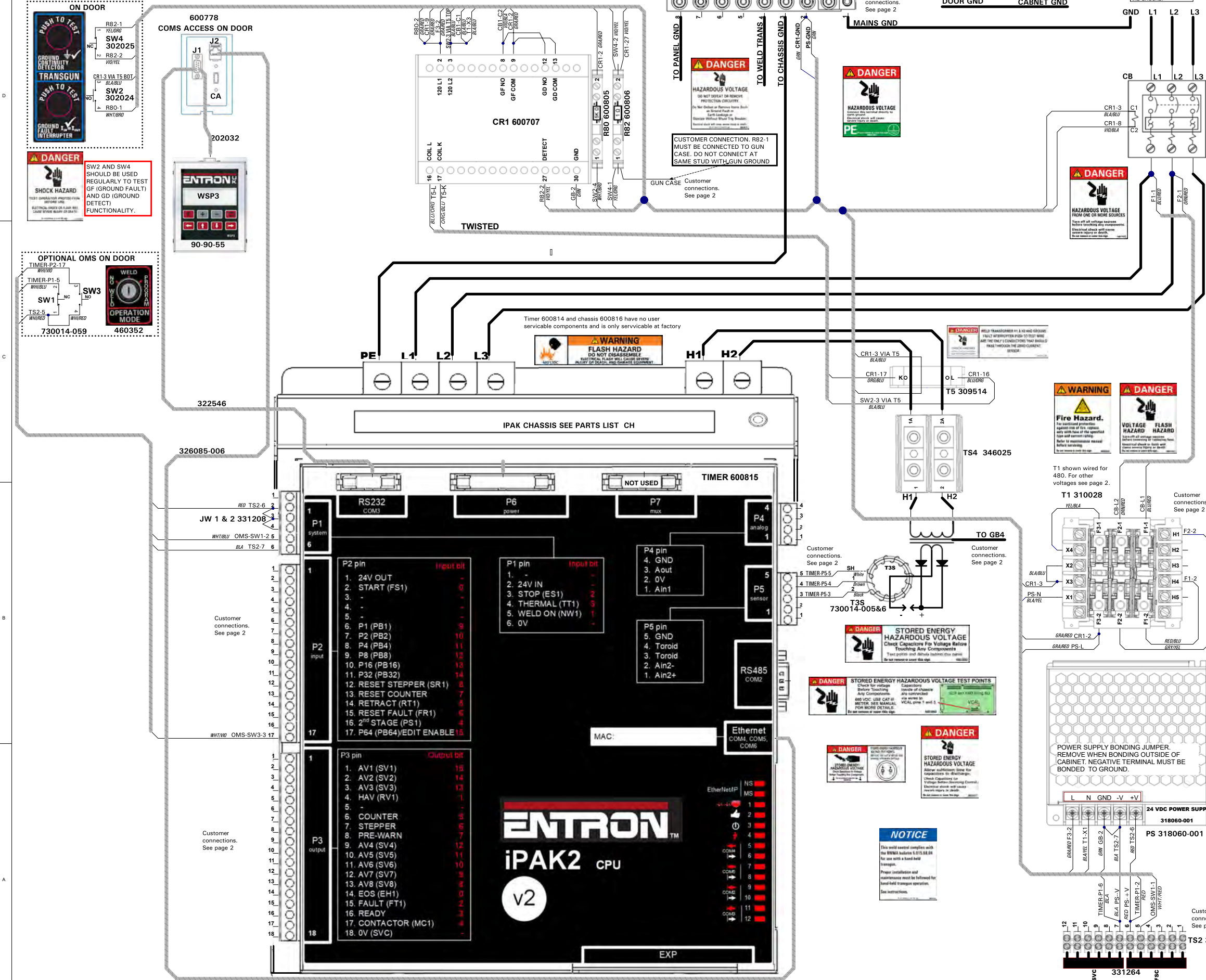


CONTROL WIRING DIAGRAM

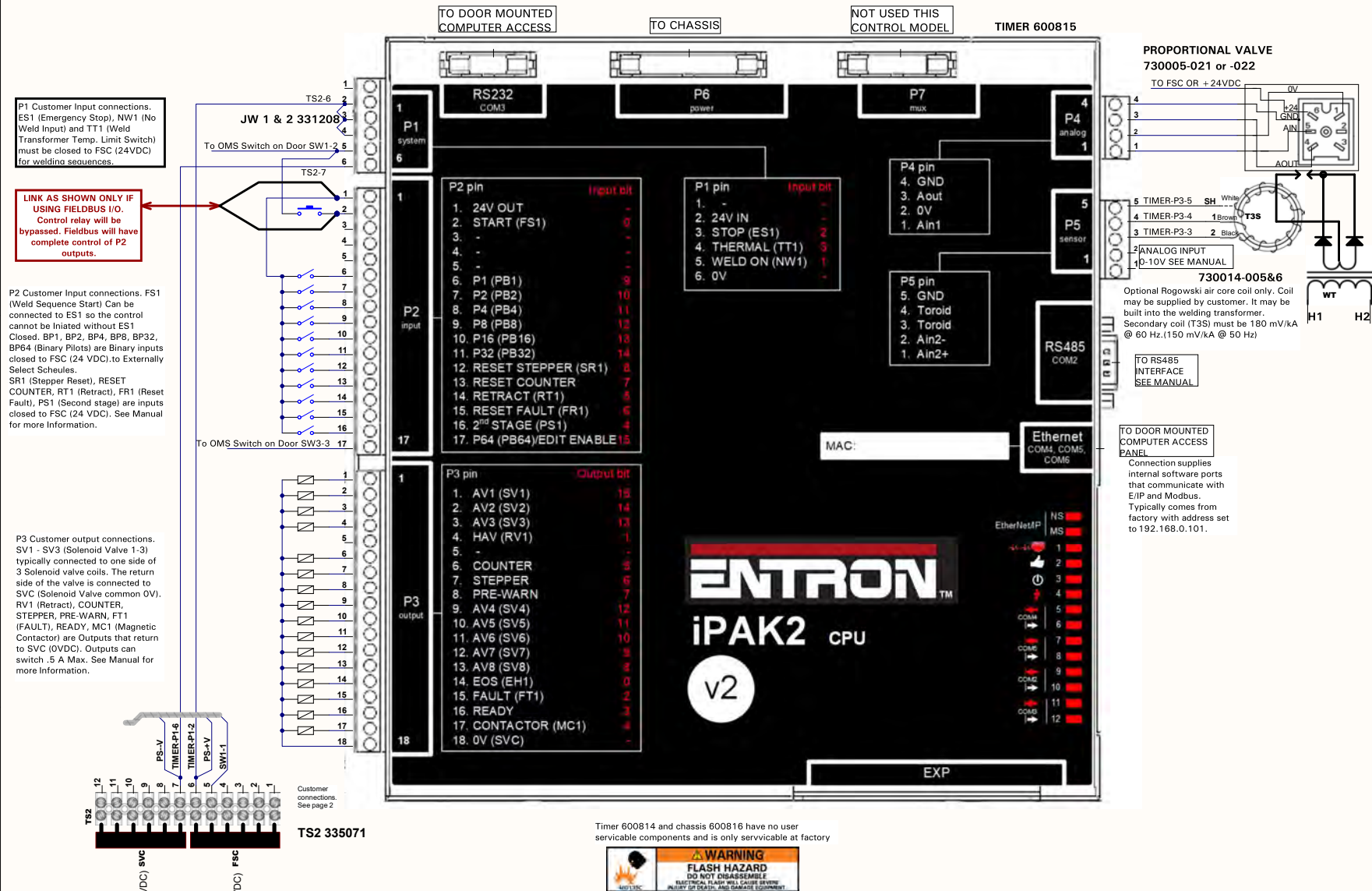


PARTS LIST				
Part	DESCRIPTION	* = OPTIONAL	QTY	DES
307025	FUSE: 1 1/4A TIME DELAY: 13/32 X 1.5		3	F1-3
308016	FUSE HOLDER: 1 POLE CLASS CC		1	F3
309614	Eaton PD CIRCUIT BREAKER: 3 POL: 600V: 175A	FOR 600A	1	CB
309615	Eaton PD CIRCUIT BREAKER: 3 POL: 600V: 125A	FOR 360A	1	CB
310028	XFMR VLV: 100VA: 208-600/100-240		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
325334	Chassis Bonding Wire Assy.		1	GND
325335	Panel Bonding Wire Assy.		1	GND
326085-006	CABLE: ETHERNET / 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
GROUND FAULT/GROUND DETECT COMPONENTS FOR GF CONTROLS ONLY				
302024	SWITCH:ASSEM: PUSHBUTTON: N/C: GF CTRL		1	SW2
302025	SWITCH:ASSEM: PUSHBUTTON: N/C: GF CTRL		1	SW4
309521	GF CURRENT XFMR W/6" PIPE		1	T5
325336	H1. H2 PRIMARY WIRING		1	H1,H2
322614-001	HARNESS GF		1	
325337	L1 L2 L3 PRIMARY WIRING GF		1	L1,L2,L3
346025	POWER DISTRIBUTION BLOCK: for 1200A/1800A SCR		1	TS4
460339	LABEL: GROUND FAULT		1	SW2/SW4
600707	RELAY GROUND FAULT: RESIDUAL CURRENT & GND DETECTION: SUPPLIED: 1000Hz		1	CR1
600805	ASSM: 5K RESISTOR DIN RAIL: GF CTRL		1	R80
600806	ASSM: 1 OHM RESISTOR DIN RAIL: GF CTRL		1	R82
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 PROPORTIONAL VALVE 1/2" 0-10V		*	IPCv2
730005-022	IPCv5 PROPORTIONAL VALVE 1 1/4" 0-10V		*	IPCv5
OPTIONAL OMS				
302027	OPERATIONAL MODE SWITCH		*	SW3
460352	LABEL OPERATION MODE		*	SW3

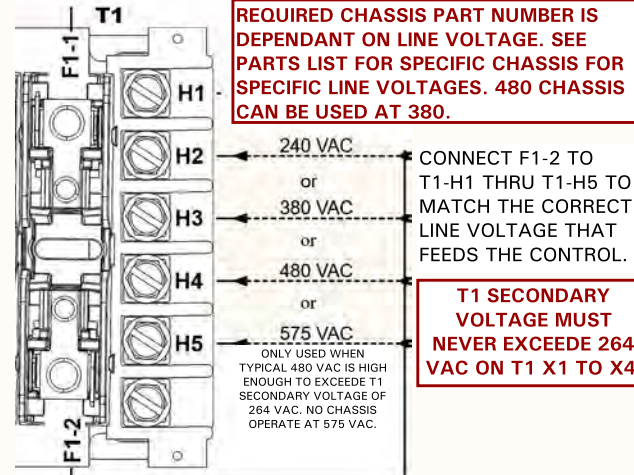
REV	AUTH	DESCRIPTION	CRWN	CHK'D
			BY	BY
			DATE	DATE
Page 1 of 2				
ENTRON				
SCALE	DATE	DRAWN BY	CHK'D BY	APPROVED BY
NONE	2/23/22	DCS	DCS	DCS
TOLERANCE UNLESS SPECIFIED				
REVISED				
APPROVED BY				
DATE				
iPAKv2 BCM GF SERIES WIRING DIAGRAM USA				
NEXT ASSAUSED ON		DRAWING NUMBER		REV
iPAKv2 BCM GF SERIES		421567-001		ORIG

SEE MANUAL 700252 and 700253

TIMER CUSTOMER CONNECTIONS



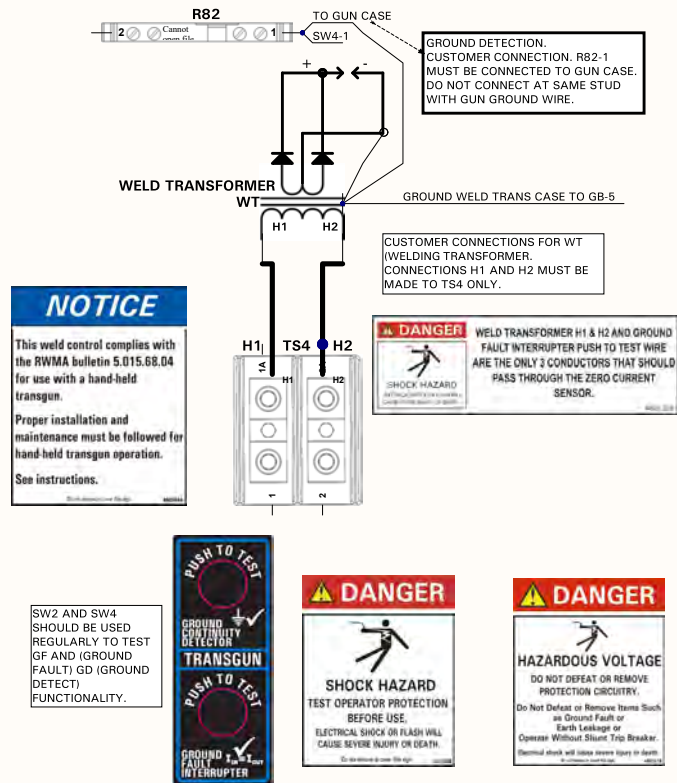
VOLTAGE PROGRAMMING



F1-5 on T1 and T2 (optional) may be one of the following 1-1/4 A fuses (FNQ,KLDR,ATQR,TPK - 1 1/4 A. These 5 fuses protect control circuitry.



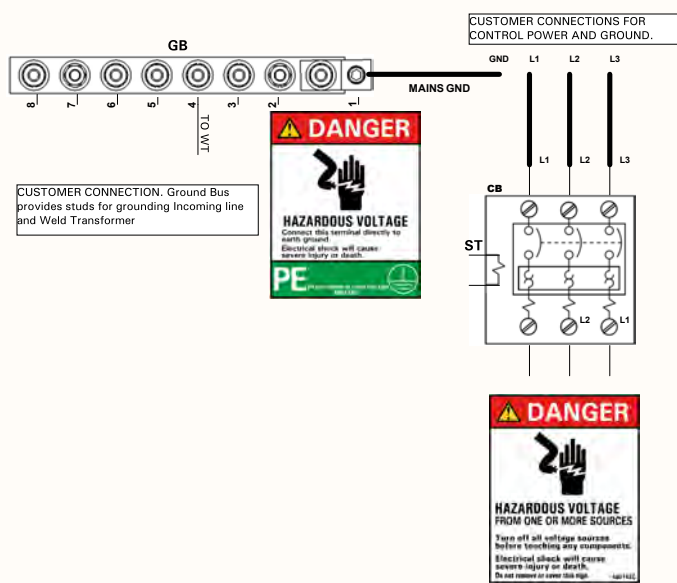
GROUND FAULT & GROUND DETECT CONNECTIONS



RECCOMENDED SPARE PARTS

Part	DESCRIPTION	* = OPTIONAL	QTY	DES
307025	FUSE:1 1/4A:TIME DELAY:13/32 X 1.5		3	F1-3
318080-001	PWR SUP 115/230VAC TO 24VDC		1	PS
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
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
GROUND FAULT/GROUND DETECT COMPONENTS FOR GF CONTROLS ONLY				
309521	GF CURRENT XFMR W/6" PIPE		1	T5
322614-001	HARNESS GF		1	
600707	RELAY GROUND FAULT; RESIDUAL CURRENT & GND DETECTION;SUPPLIED; 1000Hz		1	CR1
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	IPC2V POPORTIONAL VALVE 1/2" 0-10V		*	IPC2V
730005-022	IPC5V POPORTIONAL VALVE 1 1/4" 0-10V		*	IPC5V
OPTIONAL OMS				
302027	OPERATIONAL MODE SWITCH		*	SW3
460352	LABEL OPERATION MODE		*	SW3

LINE VOLTAGE CONNECTIONS



REV	AUTH	DESCRIPTION		DRWN BY	CHK'D BY
				DATE	DATE
Page 2 of 2					
ENTRON					
SCALE	DATE	DRAWN BY	CHK'D BY	APPROVED BY	
NONE	1/28/22	DCS	DCS	DCS	
TOLERANCE UNLESS SPECIFIED			REVISED		
ANGLES: ± 1/2°		REV LTR	APPROVED BY		
DECIMALS: ± .010		-	-		
FRACTIONS ± 1/64		DATE	-		
iPAKv2 BCM GF SERIES WIRING DIAGRAM USA					
NEXT ASSM/USED ON		DRAWING NUMBER		REV	
BCM 360, 600, 1K		421567-001		ORIG	