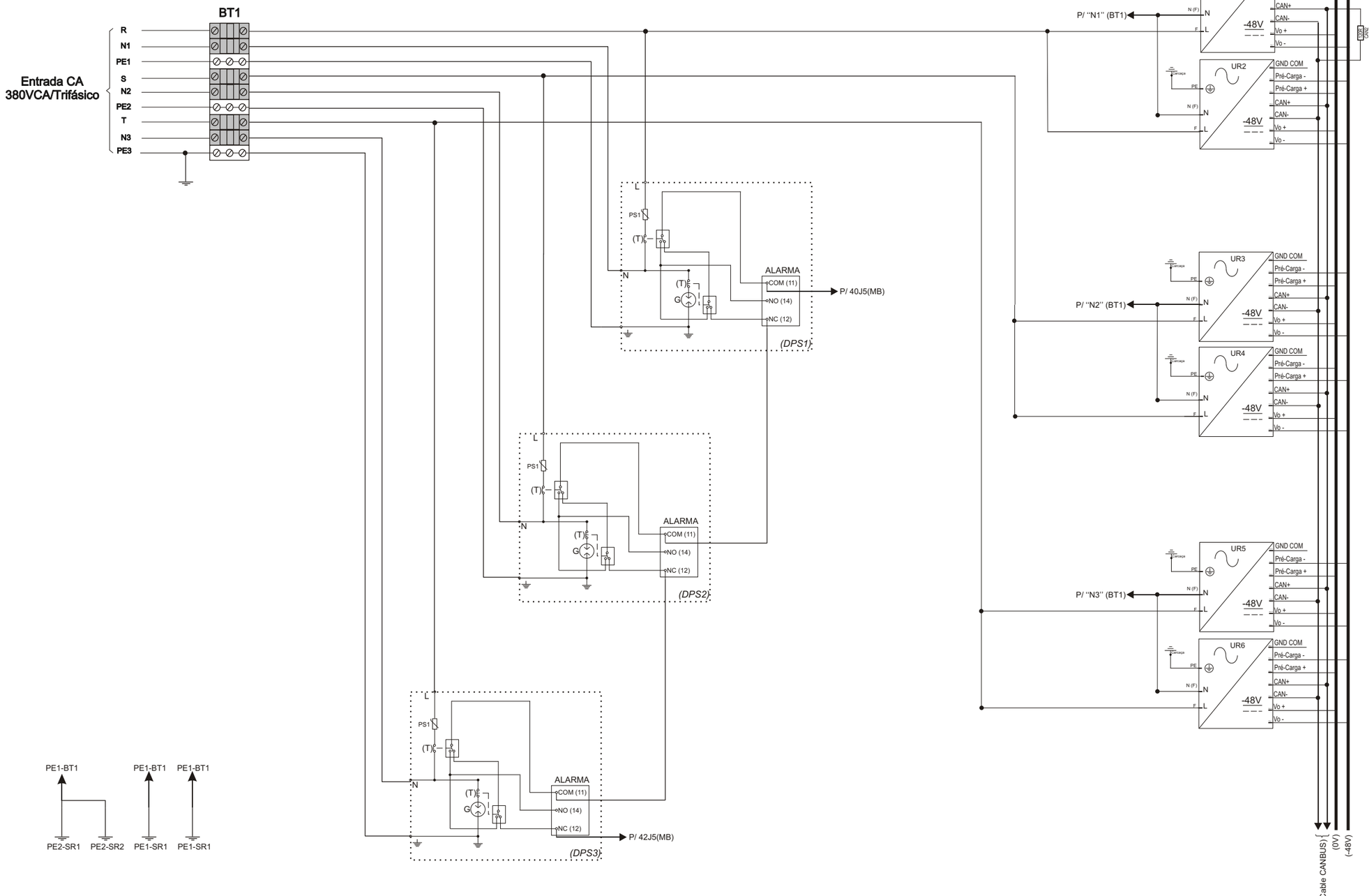
VERTIV.

Diagrama del Circuito
Circuit Diagram

Folha *-Sheet*
1 (7)

Executado - Prepared		*Nro. - No.*		
PE Heider Guimaraes		*1911-BZAB 348 15/029RI Ues*		
Resp.Documento/Aprovado		*Data - Date*	*Rev.*	*Arquivo - File*
PE Alexandre Barandier	*PE Walthon Fabio*	*11/09/2018*	*B*	*DOCPROD*
Título		*Title*		
FCC 300A/-48VCC/380VAC (Hasta 6xUR's - R48-3000e3.)		*FCC 300A/-48VCC/380VAC (Até 6xUR's - R48-3000e3.)*		

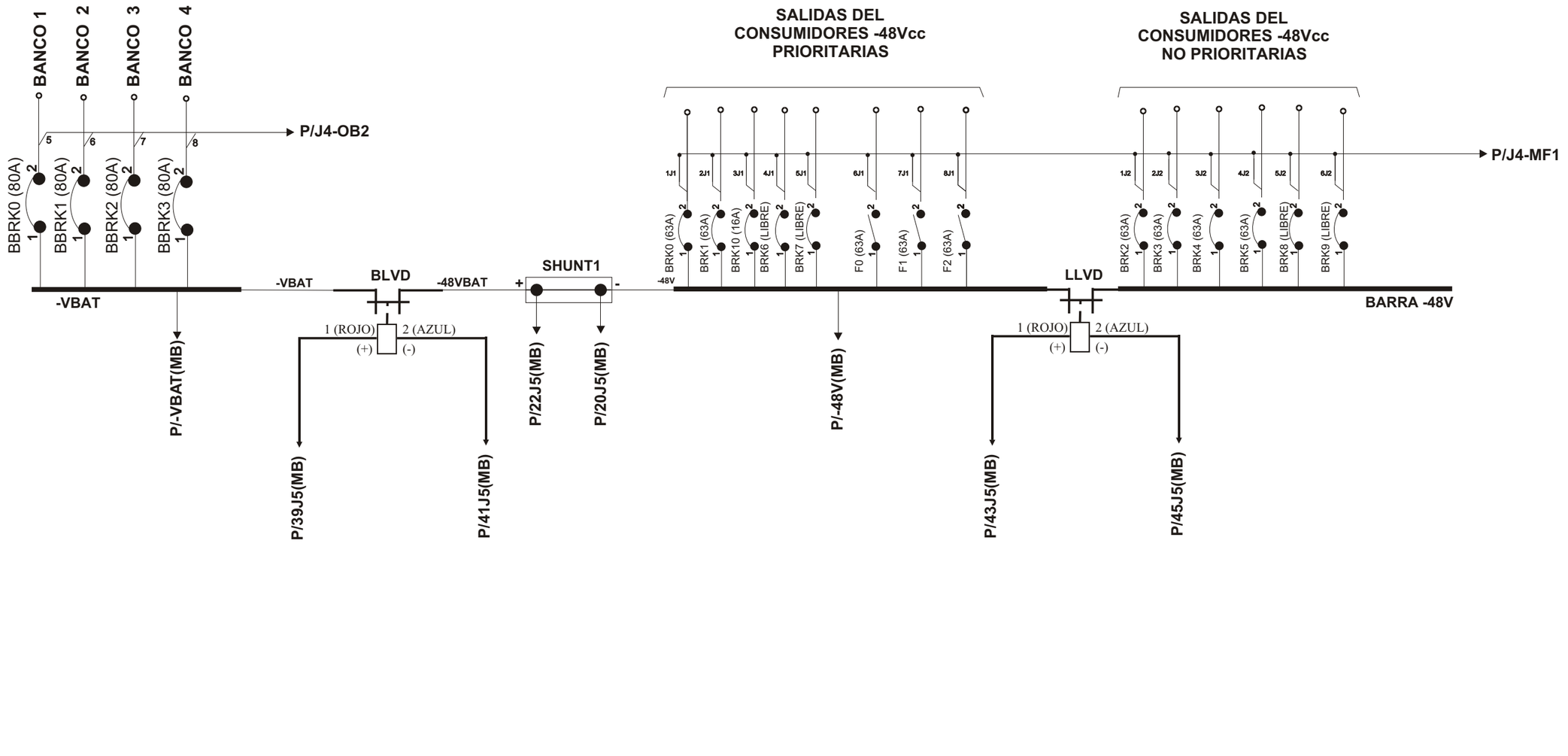


VERTIV

Diagrama del Circuito
Circuit Diagram

Folha -*Sheet*
2 (7)

Executado - Prepared		*Nro. - No.*		
PE Heider Guimaraes		*1911-BZAB 348 15/029RI Ues*		
Resp.Documento/Aprovado		*Data - Date*	*Rev.*	*Arquivo - File*
PE Alexandre Barandier	*PE Walthon Fabio*	*11/09/2018*	*B*	*DOCPROD*
Título		*Title*		
FCC 300A/-48VCC/380VAC (Hasta 6xUR's - R48-3000e3.)		*FCC 300A/-48VCC/380VAC (Até 6xUR's - R48-3000e3.)*		

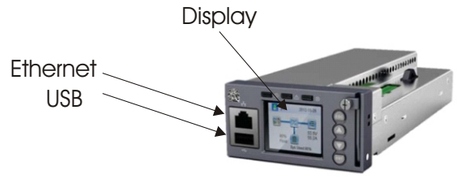


Cartao janela

Reprod.

Executado - Prepared		*Nro. - No.*		
PE Heider Guimaraes		*1911-BZAB 348 15/029RI Ues*		
Resp.Documento/Aprovado		*Data - Date*	*Rev.*	*Arquivo - File*
PE Alexandre Barandier	*PE Walthon Fabio*	*11/09/2018*	*B*	*DOCPROD*
Título		*Title*		
FCC 300A/-48VCC/380VAC (Hasta 6xUR's - R48-3000e3.)		*FCC 300A/-48VCC/380VAC (Até 6xUR's - R48-3000e3.)*		

NCU: M830B



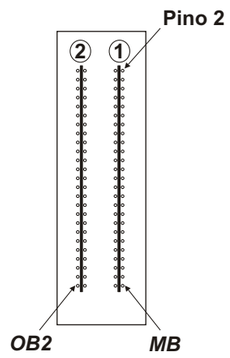
Conector MB (Vista Traseira)

J5

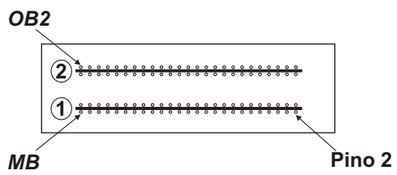
	CAN_2L (-)	*1*	*2*	*CAN_1L (-)*	P/ CAN (UR's)
	RXD232	*3*	*4*	*CAN_1H (+)*	
	CAN_2H (+)	*5*	*6*	*RS485_1B*	
	TXD232	*7*	*8*	*RS485_1A*	
	RS485_2B	*9*	*10*	*CGND*	
P/ 4J2 (IB2)	*SCL_IB*	*11*	*12*	*V_REF_IB*	P/ 2J2 (IB2)
P/ 3J2 (IB2)	*SDA_IB*	*13*	*14*	*RS485_2A*	
P/ 1J2 (IB2)	*VCC_IB*	*15*	*16*	*BAT2_SH-*	No Utilizado
	SYSA	*17*	*18*	*BAT2_SH+*	
	TEMP_PS	*19*	*20*	*BAT1_SH-*	P/ Shunt
No Utilizado	*TEMP_PS*	*21*	*22*	*BAT1_SH+*	de Bateria
	TEMP2	*23*	*24*	*LOAD_SH-*	No Utilizado
	TEMP1	*25*	*26*	*LOAD_SH+*	
	FA2	*27*	*28*	*BFA2*	No Utilizado
No Utilizado	*FA1*	*29*	*30*	*BFA1*	
P/ -48V	*VREF*	*31*	*32*	*V_BAT*	P/ 0V
		33	*34*		
P/ 0V	*V_BUS1*	*35*	*36*	*LVD2_AUX*	No Utilizado
P/ 0V	*V_BUS2*	*37*	*38*	*LVD1_AUX*	
	LVD2+	*39*	*40*	*SPD-*	P/ SPD
No Utilizado	*LVD2-*	*41*	*42*	*SPD+*	
	LVD1+	*43*	*44*	*PS_BAT-*	P/ VBAT
	LVD1-	*45*	*46*	*PS_BUS-*	P/ -48V
P/ 0V	*PS_BAT+*	*47*	*48*		
P/ 0V	*PS_BUS+*	*49*	*50*	*PGND*	P/ 0V

NCU: MB

Vista Traseira NCU



Vista Traseira NCU



* NCU:
M830B (BMP903100/1): MB+OB2+IB01+DB+LCD

Executado - Prepared		*Nro. - No.*		
PE Heider Guimaraes		*1911-BZAB 348 15/029RI Ues*		
Resp.Documento/Aprovado		*Data - Date*	*Rev.*	*Arquivo - File*
PE Alexandre Barandier	*PE Walthon Fabio*	*11/09/2018*	*B*	*DOCPROD*
Título		*Title*		
FCC 300A/-48VCC/380VAC (Hasta 6xUR's - R48-3000e3.)		*FCC 300A/-48VCC/380VAC (Até 6xUR's - R48-3000e3.)*		

Conector OB2 (Vista Traseira)

J4

		1	2	*TEMP_PS*	No Utilizado
		3	4	*TEMP1*	
P/ BBRK0	*BFA1*	5	6	*BFA2*	P/ BBRK1
P/ BBRK2	*BFA3*	7	8	*BFA4*	P/ BBRK3
P/ J4-MF1	*FA1*	9	10	*FA2*	
	FA3	11	12	*FA4*	
No Utilizado	*FA5*	13	14	*FA6*	No Utilizado
	FA7	15	16	*FA8*	
	FA9	17	18	*FA10*	
		19	20		
No Utilizado	*FUEL1*	21	22	*FUEL2*	No Utilizado
	FUEL_PS	23	24		
		25	26		
	LVD1_AUX	27	28	*LVD2_AUX*	
No Utilizado	*LVD1+*	29	30	*LVD2+*	No Utilizado
	LVD1-	31	32	*LVD2-*	
	U_STS	33	34	*U_HTM*	
No Utilizado	*U_GND*	35	36	*U_HDP*	No Utilizado
		37	38		
		39	40		
		41	42		
		43	44		
		45	46		
		47	48		
		49	50		

NCU: OB2

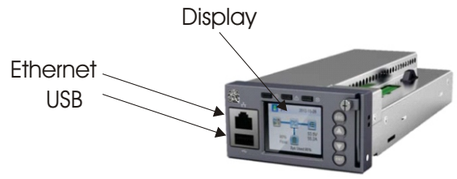
RELÉS DE SALÍDA (C, NA, NF): NCU

DO1': Libre
DO2': Libre
DO3': Libre
DO4': Libre

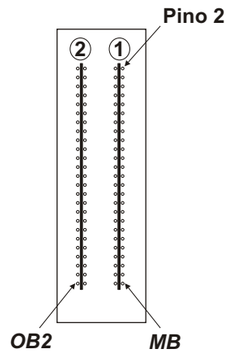
ENTRADAS DIGITALES (+, -): NCU

DI1': Libre
DI2': Libre
DI1': Libre
DI2': Libre

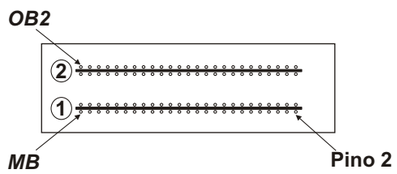
NCU: M830B



Vista Traseira NCU



Vista Traseira NCU

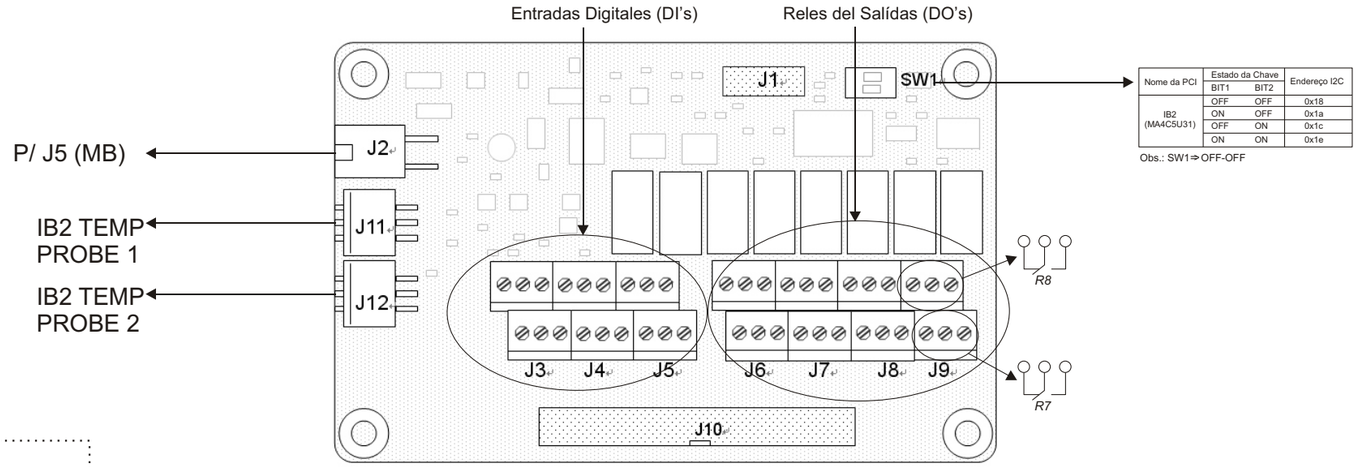


* NCU:
M830B (BMP903100/1): MB+OB2+IB01+DB+LCD

Cartao janela

Reprod.

Executado - Prepared		*Nro. - No.*		
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PE Alexandre Barandier	*PE Walthon Fabio*	*11/09/2018*	*B*	*DOCPROD*
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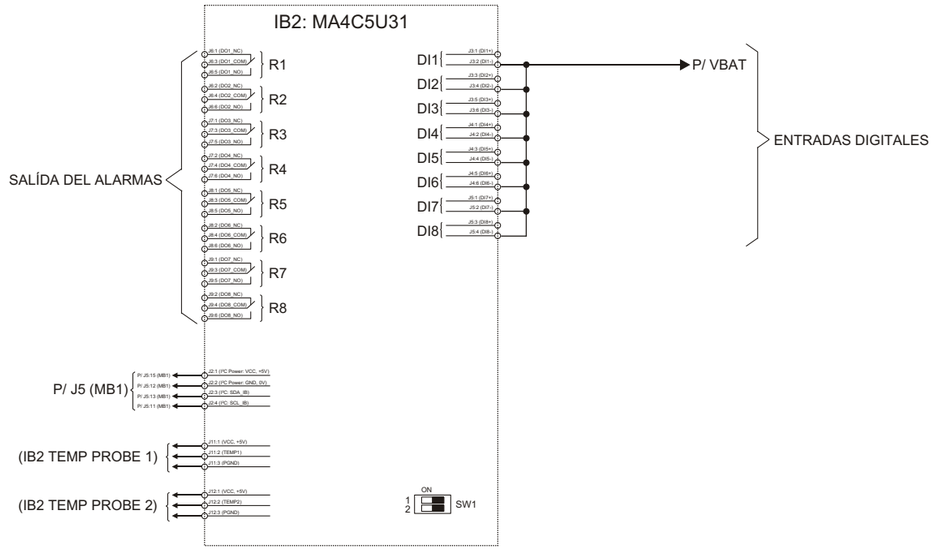
Layout de la tarjeta IB2

CONFIGURACION: IB2

ENTRADAS DIGITAIS: IB2
DI1: Puerta Abierta
DI2: Falla AA/Intercambiador de Calor
DI3: Libre
DI4: Libre
DI5: Libre
DI6: Libre
DI7: Libre
DI8: Libre

RELES DEL SALIDA: IB2

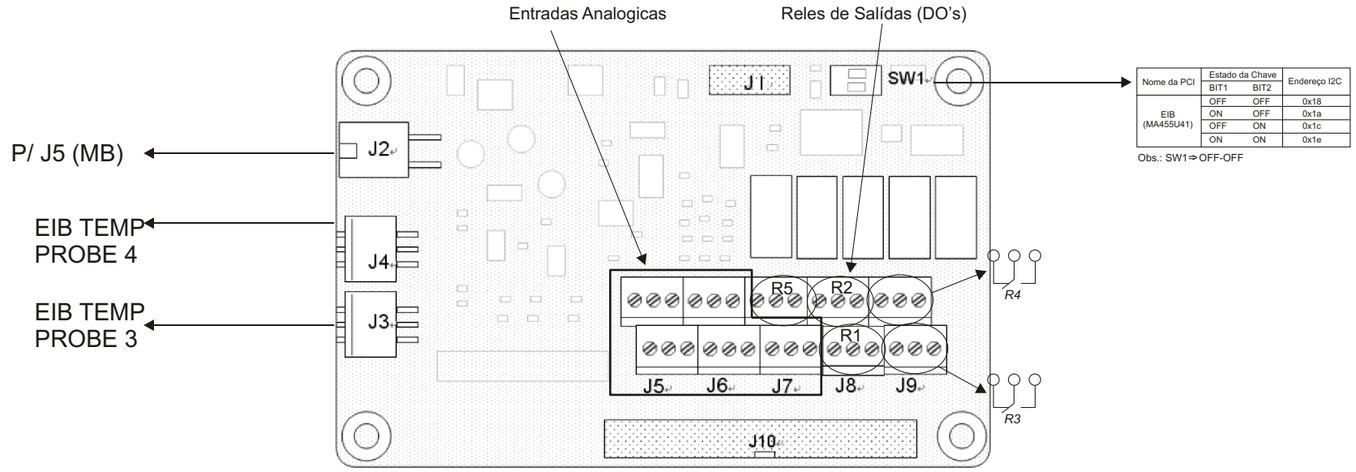
R1: Puerta Abierta
R2: Falla de Red CA
R3: Falla de Retificador(es)
R4: Bateria en Descarga
R5: Alta temperatura
R6: Disyuntores/Fusibles Abierto
R7: Falla AA/Intercambiador de Calor
R8: Libre



Cartao janela

Reprod.

Executado - Prepared		*Nro. - No.*		
PE Heider Guimaraes		*1911-BZAB 348 15/029RI Ues*		
Resp.Documento/Aprovado		*Data - Date*	*Rev.*	*Arquivo - File*
PE Alexandre Barandier	*PE Walthon Fabio*	*11/09/2018*	*B*	*DOCPROD*
Título		*Title*		
FCC 300A/-48VCC/380VAC (Hasta 6xUR's - R48-3000e3.)		*FCC 300A/-48VCC/380VAC (Até 6xUR's - R48-3000e3.)*		



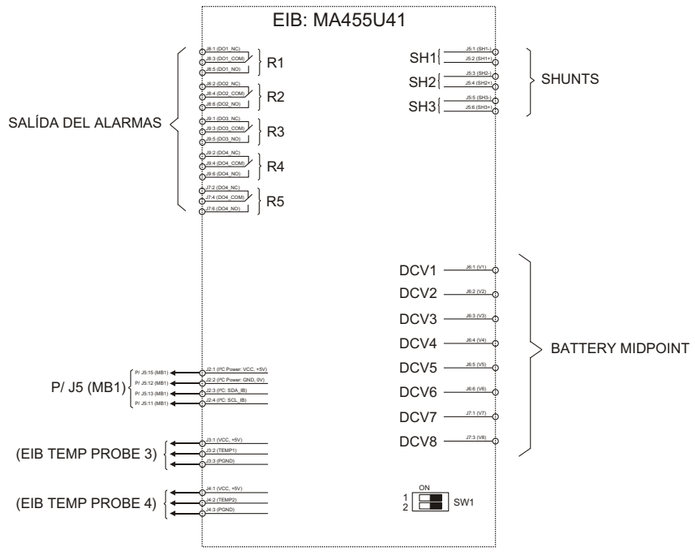
Layout de la tarjeta EIB

CONFIGURACION: EIB

ENTRADAS ANALOGICAS: EIB
SH1: Libre
SH2: Libre
SH3: Libre

DCV1: V1
DCV2: V2
DCV3: V3
DCV4: V4
DCV5: V5
DCV6: V6
DCV7: V7
DCV8: V8

RELES DEL SALÍDA: EIB
R1: Libre
R2: Libre
R3: Libre
R4: Libre
R5: Libre



Cartao janela

Reprod.

Executado - Prepared		*Nro. - No.*		
PE Heider Guimaraes		*1911-BZAB 348 15/029RI Ues*		
Resp.Documento/Aprovado		*Data - Date*	*Rev.*	*Arquivo - File*
PE Alexandre Barandier	*PE Walthon Fabio*	*11/09/2018*	*B*	*DOCPROD*
Título		*Title*		
FCC 300A/-48VCC/380VAC (Hasta 6xUR's - R48-3000e3.)		*FCC 300A/-48VCC/380VAC (Até 6xUR's - R48-3000e3.)*		

DETALLE DE LAS CONEXIONES DE LOS MONOBLOQUES DE BATERIA, E MEDICIONES MIDPOINT

