DRUG PRODUCT I/O LIST

3	ISSUED FOR	CONSTRUC	TION. UPDATE	ED AS PER NO	OTES.														
2	ISSUED FOR	SUED FOR CONSTRUCTION. UPDATED AS PER NOTES.									TESSLER INC		1 Hemobrás						
1	ISSUE FOR (IE FOR CONSTRUCTION CONSIDERING COMMENTS									engenharia IPS (Takeda)								
0	ISSUE FOR (CONSTRUCTI	ON																
В	90% DD ISSU	JE									DOC NR:	CLIENT NR:							
REV	DESCRIPTION										569-DB7A-AIC-330-003 PRD-AIC-LIS-003								
REVIEW	REV. A	REV. B	REV. 0	REV. 1	REV.2	REV.3	REV.4	REV.5	REV.6	REV.7	CLIENT:								
DATE	10FEB2021	30JUN2021	30SET2021	03FEB2022	14APR2022	27MAI2022					TAKEDA / BAXALTA								
EXEC	AAS	AAS	AAS	MAV	AG	MAB					PROJECT:		REV.:						
CHECK	MAF	MAF	MAF	MAF	MAF	MAF					BURITI EPCVM PROJECT								
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TITLE:

DRUG PRODUCT I/O LIST

OC NR.:	SHEET.::
69-DB7A-AIC-330-003	2 / 87
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RD-AIC-LIS-003	3

REVISION 0 NOTES:	
1- MODIFICATION OF THE POINTS THE VFD FROM FIELD REMOTE IN HVAC SYSTEM	
2- INSERTION OF THE SIGNALS TO BE AVAILABLE FOR SOFTWARE BY VARYABLE FREQUENCY DRIVE	
3- INSERTION OF THE SIGNALS TO BE AVAILABLE FOR SOFTWARE BY CIRCUIT BREAK	
4- INSERTION OF THE SIGNALS TO BE AVAILABLE FOR LOCK SWITCH	
5- INSERTION OF THE NEW SIGNALS FOR HVAC SYSTEM (UPDATE)	
6- INSERTION OF THE NEW SIGNALS FOR BLACK UTILITIES SYSTEM (UPDATE)	
REVISION 1 NOTES:	
1- ADDED I/O SIGNALS FOR PRESSURE CONTROL TO THE MIXING BOX OF EACH AHU.	
2- ADDED ETHERNET COMMUNICATIONS FOR COLD ROOM PACKAGE.	
REVISION 2 NOTES AS PER N+1 UPDATE:	
1 - HIGHLIGHTED TEXT INFORM FUTURE INSTRUMENTS, CANCELLED RM-AHU-7A-7.	
REVISION 3 NOTES	
1 - CANCELED INSTRUMENTS: XY-AHU-7A-5-01A, XZSH-AHU-7A-5-01A, XY-AHU-7A-5-01A, XZSH-AHU-7A-5-01A, XZSL-AHU-7A-5-01A, XY-AHU-7A-5-01B, XZSH-AHU-7A-5-01B, XZSL-AHU-7A-5-01B	
FIT-AHU-7A-5-001, XY-AHU-7A-5-02A, XZSH-AHU-7A-5-02A, XZSL-AHU-7A-5-02A, XY-AHU-7A-5-02B, XZSH-AHU-7A-5-02B, XZSL-AHU-7A-5-02B, , XY-AHU-7A-5-03A, XZSH-AHU-7A-5-03A	
XZSL-AHU-7A-5-03A, XY-AHU-7A-5-03B, XZSH-AHU-7A-5-03B, XZSL-AHU-7A-5-03B, XC-AHU-7A-5-04A, XZSH-AHU-7A-5-04A, XZSL-AHU-7A-5-04A, XC-AHU-7A-5-04B, XZSL-AHU-7A-5-04B, XZSL-AHU-7A-5-001, PT-AHU-7A-5-001, PT-AHU-7A-5-002, PDIT-AHU-7A-5-001, TV-960005, PDS-AHU-7A-5-001, ZS-AHU-7A-5-001, FIT-AHU-7A-5-002, TT-960005, ZS-AHU-7A-5-001, PT-AHU-7A-5-001, PT-AHU-7A-5-002, PDIT-AHU-7A-5-001, PDS-AHU-7A-5-001, PDS-AHU-	
002	
XY-AHU-7A-5-05A, XZSH-AHU-7A-5-05A, XZSL-AHU-7A-5-05A, XY-AHU-7A-5-05B, XZSH-AHU-7A-5-05B, XZSL-AHU-7A-5-05B, MT-AHU-7A-5-002, TT-AHU-7A-5-002, AS-AHU-7A-5-001 XY-TUS-A-1001-1, FT-TUS-A-1001-1, TV-9700119, TT-RH-A-1001-1, XY-TUS-A-1002-1, FT-TUS-A-1002-1, TV-9700117, TT-RH-A-1002-1, XY-TUS-A-1003-1, FT-TUS-A-1003-1, TV-9700398, TT-TH-A-	
1003-1	
XY-TUS-A-1004-1, FT-TUS-A-1004-1, TV-9700402, TT-RH-A-1004-1, XY-TUS-A-1005-1, FT-TUS-A-1005-1, TV-9700XX-1, TT-RH-A-1005-1, XY-TUS-A-1029-1, FT-TUS-A-1029-1, XY-TUS-A-1029-2 FT-TUS-A-1029-2, TV-9700392, TT-RH-A-1029-2, XY-TUS-A-1019-1, FT-TUS-A-1019-1, TV-9700406, TT-RH-A-1019-1, XA-RFD-A2001-01A, XA-RFD-A2001-01B, XA-RFD-A2001-01C,	
02A	
2- UPDATED INSTRUMENTS: FT-TUS-A-1031-1, TT-RH-A-1031-1	
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DRUG PRODUCT I/O LIST

OC NR.:	SHEET.::
69-DB7A-AIC-330-003	3 / 87
OC NR.:	REV.:
RD-AIC-LIS-003	3

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NOTES;		
1) THE DEVICES HVAC MACHINE SHALL BE CONNECTED IN I / O's OF THE HVAC REMOTE FIELD.	ı.	
1) OS INTRUMENTOS DAS MÁQUINAS DE HVAC DEVERÃO SER CONECTADOS NOS I/O's DAS REI	EMOTAS DE CAMPO DE HVAC.	
2) THE DEVICE ESCAPE FAN ON THE CEILING MUST BE CONNECTED IN REMOTE FIELD OF ITS R	RESPECTIVE SYSTEM	
2) OS INTRUMENTOS DOS EXAUSTORES DA COBERTURA DEVERÃO SER CONECTADOS NAS RE	EMOTAS DE CAMPO DO SEU RESPECTIVO SYSTEMA DE HVAC.	
3) THE DEVICES HVAC INSTALLED INSIDE ROOMS SHALL BE CONNECTED IN FIELD REMOTE PAI	ANEL THAT MEETS THE RESPECTIVE SYSTEM.	
3) OS INTRUMENTOS DE HVAC INSTALADOS DENTRO DAS SALAS DEVERÃO SER CONECTADOS	S NO PAINEL DA REMOTA DE CAMPO QUE ATENDE O RESPECTIVO SISTEMA.	
4) MASTER CONTROL (TYPE STAND ALONE) OH THE COMPRESSORS GENERATION. PACKAGE S		
4) CONTROLADOR GERENCIADOR (TIPO STAND ALONE) DO SISTEMA DE GERAÇÃO DOS COMPI	PRESSORES DE AR. FORNECIMENTO TERCEIROS	
5) SIGNALS TO BE AVAILABLE FOR SOFTWARE BY AIR COMPRESSORS GENARATION SYSTEM N		
5) SINAIS À SEREM DISPONIBILIZADOS VIA SOFTWARE PELO CONTROLADOR GERENCIADOR DO	O SISTEMA DE GERAÇÃO DOS COMPRESSORES DE AR	
6) SIGNALS TO BE AVAILABLE FOR SOFTWARE BY VARYABLE FREQUENCY DRIVE		
6) SINAIS À SEREM DISPONIBILIZADOS VIA SOFTWARE PELO INVERSOR DE FREQUENCIA		
of divard A denem big onibilizados via del Tware I els inversor de l'reggenoia		
7) SIGNALS FOR MASTER SWITCH OF THE ELECTRICAL SYSTEM. PACKAGE SUPPLY ELECTRICA	:AL PANELS (OTHERS).	
7) SINAIS VIA SWITCH GERENCIADOR DO SISTEMA DE ELÉTRICA. FORNECIMENTO PACOTE DOS		
8) SIGNALS TO BE AVAILABLE FOR SOFTWARE BY BACNET NETWORK OF THE VAV's.		
8) SINAIS DISPONIBILIZADO VIA SOFTWARE ATRAVÉS DA REDE BACNET DAS VAV's.		

		_		TITLE:							DOC NR.:		SHEET.:
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				ANALOG			DIGITAL	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
		HVAC SYSTEM											
1	3	XY-AHU-7A-1-01A	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
2	3	XZSH-AHU-7A-1-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
3	3	XZSL-AHU-7A-1-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
4	3	XY-AHU-7A-1-01B	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
5	3	XZSH-AHU-7A-1-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
6	3	XZSL-AHU-7A-1-01B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
7	3	FIT-AHU-7A-1-001	RETURN CENTRIFUGAL FAN	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
8	3	SC-AHU-7A-1-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	PROFINET
9	3	XA-SC-AHU-7A-111	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
10	3	XA-SC-AHU-7A-112	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
11	3	XA-SC-AHU-7A-113	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
12	3	XA-SC-AHU-7A-114	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
13	3	XA-SC-AHU-7A-115	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
14	3	XA-SC-AHU-7A-116	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
15	3	XA-SC-AHU-7A-117	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
16	3	XA-SC-AHU-7A-118	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
17	3	XA-SC-AHU-7A-119	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
18	3	XY-AHU-7A-1-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
19	3	XZSH-AHU-7A-1-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
20	3	XZSL-AHU-7A-1-02A	CLOSED DAMPER SWITCH	_	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1

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ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG OUTPUT	DIGITAL INPUT		POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
			0=0_	Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
21	3	XY-AHU-7A-1-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
22	3	XZSH-AHU-7A-1-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
23	3	XZSL-AHU-7A-1-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
24	3	XY-AHU-7A-1-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
25	3	XZSH-AHU-7A-1-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
26	3	XZSL-AHU-7A-1-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
27	3	XY-AHU-7A-1-03B	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
28	3	XZSH-AHU-7A-1-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
29	3	XZSL-AHU-7A-1-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
30	3	HC-AHU-7A-1-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
31	3	XZSH-AHU-7A-1-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
32	3	XZSL-AHU-7A-1-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
33	3	HC-AHU-7A-1-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
34	3	XZSH-AHU-7A-1-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
35	3	XZSL-AHU-7A-1-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
36	3	MT-AHU-7A-1-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
37	3	TT-AHU-7A-1-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
38	3	PT-AHU-7A-1-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
39	3	PT-AHU-7A-1-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
40	3	PDIT-AHU-7A-1-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1

				TITLE:							DOC NR.:		SHEET.:
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ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT			POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
	,	TAG NII.	CERTICE	Al	AO	DI	DO	PS	COMM.	OR EQUIPMENT	PANEL LAYOUT	KEMOTE	110120
41	3	TV-960001	SUPPLY WATER FOR AHU-7A-01 - Ø4"	-	1	-	-	-	-	7A-M-0-5-44	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
42	3	PDS-AHU-7A-1-001	DIFFERENTIAL PRESSURE IN FILTER F9	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
43	3	ZS-AHU-7A-1-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
44	3	FIT-AHU-7A-1-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
45	3	SC-AHU-7A-1-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	PROFINET
46	3	XA-SC-AHU-7A-121	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
47	3	XA-SC-AHU-7A-122	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
48	3	XA-SC-AHU-7A-123	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
49	3	XA-SC-AHU-7A-124	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
50	3	XA-SC-AHU-7A-125	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
51	3	XA-SC-AHU-7A-126	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
52	3	XA-SC-AHU-7A-127	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
53	3	XA-SC-AHU-7A-128	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
54	3	XA-SC-AHU-7A-129	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
55	3	TT-960001	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
56	3	ZS-AHU-7A-1-002	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
57	3	XY-AHU-7A-1-05A	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
58	3	XZSH-AHU-7A-1-05A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
59	3	XZSL-AHU-7A-1-05A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
60	3	XY-AHU-7A-1-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1

				TITLE:							DOC NR.:		SHEET.: 7 / 87
	TES	SLER IPS	Takeda Hemobrás				DRUC	3 PROD	UCT		569-DB7A-AIC-330-003		7 / 67 REV.:
	inge		Empresa brasilia sa de hem e dernados e la observalo que				L	O LIST	•		PRD-AIC-LIS-003		3
		74011	050,405		ANALOG		DIGITAL	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
61	3	XZSH-AHU-7A-1-05B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
62	3	XZSL-AHU-7A-1-05B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
63	3	MT-AHU-7A-1-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
64	3	TT-AHU-7A-1-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
65	3	AS-AHU-7A-1-001	SMOKE INDICATION IN THE INSITE DUCT	-	ı	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	1
66	3	HS-SC-7A-1-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	DRY CONTACT
67	3	HS-SC-7A-1-002	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	DRY CONTACT
68	3	HS-EF-7A-1-01A	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	DRY CONTACT
69	3	HS-EF-7A-1-02A	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	DRY CONTACT
70	3	HS-EF-7A-1-03A	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	DRY CONTACT
71	3	TV-970033	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
72	3	TT-RH-A-2001-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
73	3	XY-RAV-A-2001-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
74	3	PDT-RAV-A-2001-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
75	3	XY-SAV-A-2001-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
76	3	TV-970065	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
77	3	TT-RH-A-2004-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
78	3	XY-EAV-A-2004-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS

	Г∈⊆ in g €	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.:		SHEET.: 8 / 87 REV.:
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT AO			POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
79	3	FT-EAV-A-2004-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	8
80	3	XY-SAV-A-2004-1	FLOW CONTROL IN ROOM	-	-	1	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
81	3	TV-9700101	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	•	7A-M-0-5-50	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
82	3	TT-RH-A-2005-1	CONTROL VALVE HOTING COIL	1	ı	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
83	3	XY-RAV-A-2005-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
84	3	PDT-RAV-A-2005-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
85	3	XY-SAV-A-2005-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
86	3	TV-970099	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
87	3	TT-RH-A-2007-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
88	3	XY-RAV-A-2007-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
89	3	PDT-RAV-A-2007-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
90	3	XY-SAV-A-2007-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
91	3	TV-970071	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
92	3	TT-RH-A-2017-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
93	3	XY-RAV-A-2017-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
94	3	PDT-RAV-A-2017-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
95	3	XY-SAV-A-2017-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
96	3	TV-970081	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
97	3	TT-RH-A-2023-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
98	3	XY-RAV-A-2023-1	PRESSURE CONTROL IN ROOM	ı	ı	ı	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
99	3	PDT-RAV-A-2023-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
100	3	XY-SAV-A-2023-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
101	3	TV-9700388	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
102	3	TT-RH-A-2044-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
103	3	XY-RAV-A-2044-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS

	TESSLER ips Takeda Hemobro			TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 9 / 87 REV.: 3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG OUTPUT	DIGITAL INPUT		POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
ID	KEV	TAG Nr.	SERVICE	Al	AO	DI	DO	PS	COMM.	OR EQUIPMENT	PANEL LAYOUT	REWOTE	NOTES
104	3	PDT-RAV-A-2044-1	PRESSURE CONTROL IN ROOM	1	-	1	-	1	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
105	3	XY-SAV-A-2044-1	FLOW CONTROL IN ROOM	-	1	1	-	1	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
106	3	TV-9700384	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	ı	-	ı	-	7A-M-0-5-50	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
107	3	TT-RH-A-2044-2	CONTROL VALVE HOTING COIL	1	1	1	-	ı	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
108	3	XY-RAV-A-2044-2	PRESSURE CONTROL IN ROOM	-	-	1	-	1	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
109	3	PDT-RAV-A-2044-2	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
110	3	XY-SAV-A-2044-2	FLOW CONTROL IN ROOM	-	-	-	-	1	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
111	3	TV-970051	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3

	TES	SSIER .		TITLE:			DDIIC	PROD	ПСТ		DOC NR.: 569-DB7A-AIC-330-003		SHEET.: 10 / 87
	e n g e	SLER ips	Takeda Hemobrás					O LIST			CLIENT NR.: PRD-AIC-LIS-003		REV.:
					ANALOG		DIGITAL	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
112	3	TT-RH-A-2044-3	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
113	3	XY-RAV-A-2044-3	PRESSURE CONTROL IN ROOM	-	1	,	-	ı	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
114	3	PDT-RAV-A-2044-3	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
115	3	XY-SAV-A-2044-3	FLOW CONTROL IN ROOM	-	-	ı	-	ı	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
116	3	TV-970083	CONTROL VALVE HOTING COIL Ø3/4"	-	1	ı	-	ı	-	7A-M-0-5-50	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
117	3	TT-RH-A-2046-1	CONTROL VALVE HOTING COIL	1	-	ı	-	ı	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
118	3	XY-RAV-A-2046-1	PRESSURE CONTROL IN ROOM	ı	ı	ı	-	ı	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
119	3	PDT-RAV-A-2046-1	PRESSURE CONTROL IN ROOM	1	ı	ı	-	ı	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
120	3	XY-SAV-A-2046-1	FLOW CONTROL IN ROOM	ı	ı	ı	-	ı	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
121	3	TV-970058	CONTROL VALVE HOTING COIL Ø3/4"	ı	1	ı	-	ı	-	7A-M-0-5-49	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
122	3	TT-RH-A-2030-1	CONTROL VALVE HOTING COIL	1	ı	ı	-	ı	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
123	3	XY-RAV-A-2030-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
124	3	PDT-RAV-A-2030-1	PRESSURE CONTROL IN ROOM	1	ı	ı	-	ı	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
125	3	XY-SAV-A-2030-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
126	3	TV-970018	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	1	-	7A-M-0-5-48	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
127	3	TT-RH-A-2041-1	CONTROL VALVE HOTING COIL	1	-	1	-	1	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
128	3	XY-RAV-A-2041-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER ips	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003		11 / 87
	e n g e	enharia	Emprisa braule six de Nema derivados e la oteoprologia					O LIST			CLIENT NR.:		REV.:
	1			<u> </u>			_				PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG		DIGITAL	POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	DEMOTE	NOTES
טו	KEV	TAG Nr.	SERVICE	AI	OUTPUT AO	DI	OUTPUT DO	PS	COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
129	3	PDT-RAV-A-2041-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
130	3	XY-SAV-A-2041-1	FLOW CONTROL IN ROOM	-	-	-	1	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
131	3	TV-970079	CONTROL VALVE HOTING COIL Ø3/4"	-	1	ı	ı	-	-	7A-M-0-5-49	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
132	3	TT-RH-A-2040-1	CONTROL VALVE HOTING COIL	1	-	1	1	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
133	3	XY-RAV-A-2040-1	PRESSURE CONTROL IN ROOM	-	-	1	1	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
134	3	PDT-RAV-A-2040-1	PRESSURE CONTROL IN ROOM	1	-	ı	ı	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
135	3	XY-SAV-A-2040-1	FLOW CONTROL IN ROOM	-	-	ı	ı	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
136	3	XY-RAV-A-20XX-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
137	3	PDT-RAV-A-20XX-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
138	3	XY-SAV-A-20XX-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
139	3	XY-RAV-A-2048-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
140	3	PDT-RAV-A-2048-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	3
141	3	XY-SAV-A-2048-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	FIELD BUS
142	3	FIT-EF-7A-1-01A	EXHAUST AIR	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	2
143	3	SC-EF-7A-1-01A	EXHAUST AIR	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	PROFINET
144	3	XA-SC-EF-7A-11A	STATUS VFD (ON-OFF)	-	-	ı	ı	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6

				TITLE:							DOC NR.:		SHEET.:
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								O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT			POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
				Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
145	3	XA-SC-EF-7A-12A	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
146	3	XA-SC-EF-7A-13A	FAULT VFD ROTOR LOCKED (ALARM)	1	-	1	1	1	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
147	3	XA-SC-EF-7A-14A	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
148	3	XA-SC-EF-7A-15A	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
149	3	XA-SC-EF-7A-16A	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
150	3	XA-SC-EF-7A-17A	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
151	3	XA-SC-EF-7A-18A	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
152	3	XA-SC-EF-7A-19A	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
153	3	FIT-EF-7A-1-01B	EXHAUST AIR	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	2
154	3	SC-EF-7A-1-01B	EXHAUST AIR	-	-	-	-	-	1	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	PROFINET
155	3	XA-SC-EF-7A-11B	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
156	3	XA-SC-EF-7A-12B	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
157	3	XA-SC-EF-7A-13B	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
158	3	XA-SC-EF-7A-14B	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08 (7A-I-0-3-16)	SW-AHU-7A-1	6
159	3	XA-SC-EF-7A-15B	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	7A-I-0-3-08	SW-AHU-7A-1	6
160	3	XA-SC-EF-7A-16B	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
161	3	XA-SC-EF-7A-17B	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
162	3	XA-SC-EF-7A-18B	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
163	3	XA-SC-EF-7A-19B	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	SW-AHU-7A-1	6
164	3	FIT-EF-7A-1-01C	EXHAUST AIR	1	-	-	-	-	-	7A-M-0-5-21	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	2

				TITLE:							DOC NR.:		SHEET.:
	T€S	SLER IPS					DRIIG	PROD	LICT		569-DB7A-AIC-330-003		13 / 87
	e n g e	inharia IPS	Takeda Hemobrás								CLIENT NR.:		REV.:
								O LIST			PRD-AIC-LIS-003		3
					ANALOG			POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE		OUTPUT			SUPPLY	PONTS	OR EQUIPMENT		REMOTE	NOTES
				Al	AO	DI	DO	PS	COMM.	011 2 Q 011 111 2 1 1 1	PANEL LAYOUT		
165	3	SC-EF-7A-1-01C	EXHAUST AIR				_		1	7A-M-0-5-21	(7A-I-0-3-16)	SW-AHU-7A-1	PROFINET
103	3	SC-EF-7A-1-01C	EXHAUST AIR	-	-	l -	_	-	ľ	7 A-IVI-U-3-2 I	7A-I-0-3-08	3W-AHU-7A-1	PROFINEI
166	3	XA-SC-EF-7A-11C	STATUS VFD (ON-OFF)	_					_	7A-M-0-5-21	(7A-I-0-3-16)	SW-AHU-7A-1	6
100	3	AA-30-EF-/A-110	STATUS VED (ON-OFF)	-	-	_	-	-		7 A-W-0-3-2 I	7A-I-0-3-08	3W-AH0-7A-1	O
167	3	XA-SC-EF-7A-12C	FAULT VFD OVER CURRENT (ALARM)	_	_		_	-		7A-M-0-5-21	(7A-I-0-3-16)	SW-AHU-7A-1	6
107	3	AA-30-EF-/A-120	TAGET VIDOVER CORRENT (ALARM)	_	_	_	_	_	-	7 A-101-0-3-2 1	7A-I-0-3-08	3W-A110-7A-1	U
168	3	XA-SC-EF-7A-13C	FAULT VFD ROTOR LOCKED (ALARM)	_			_			7A-M-0-5-21	(7A-I-0-3-16)	SW-AHU-7A-1	6
100	3	AA-30-LI -/ A-130	TAGET VID KOTOK EGGRED (ALAKW)	_	_	_	_	_	-	7 A-101-0-3-2 1	7A-I-0-3-08	3W-AH0-7A-1	Ü
169	3	XA-SC-EF-7A-14C	FAULT VFD SUB VOLTAGE (ALARM)	_			_	_	_	7A-M-0-5-21	(7A-I-0-3-16)	SW-AHU-7A-1	6
100	3	AA-00-E1-7A-140	TAGET VID GOD VOLTAGE (ALARWI)						_	77A-1VI-0-3-21	7A-I-0-3-08	0W-A110-17A-1	U
170	3	XA-SC-EF-7A-15C	FAULT VFD NO PHASE (ALARM)	_	l _	l _	_	_	_	7A-M-0-5-21	(7A-I-0-3-16)	SW-AHU-7A-1	6
170	J	AA GO EI TA IGO	THOSE VIBINOS (NEXINI)							77(W 0 0 Z 1	7A-I-0-3-08		· ·
171	3	XA-SC-EF-7A-16C	FAULT VFD GROUND FAILURE (ALARM)	_	l <u>-</u>	l _	_	_	_	7A-M-0-5-21	(7A-I-0-3-16)	SW-AHU-7A-1	6
	Ľ	AA GO EI TA 100	THOSE WE CHOOME THEORE (NEXIMI)							77 (W 0 0 2 1	7A-I-0-3-08		Ů
172	3	XA-SC-EF-7A-17C	FAULT VFD FAILURE COMUNICATION (ALARM)	_	l .	l -	_	_	_	7A-M-0-5-21	(7A-I-0-3-16)	SW-AHU-7A-1	6
		/// CO // // C	THE THE THE THE TENT (TENT)							171111 0 0 21	7A-I-0-3-08		, i
173	3	XA-SC-EF-7A-18C	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	l -	l -	_	_	_	7A-M-0-5-21	(7A-I-0-3-16)	SW-AHU-7A-1	6
											7A-I-0-3-08		
174	3	XA-SC-EF-7A-19C	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	l -	-	-	-	7A-M-0-5-21	(7A-I-0-3-16)	SW-AHU-7A-1	6
			,								7A-I-0-3-08		
175	3	XA-RFD-A3001-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-16)	RM-AHU-7A-1	-
											7A-I-0-3-08		
176	3	XA-RFD-A3001-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-16)	RM-AHU-7A-1	-
	-										7A-I-0-3-08		
177	3	XA-RFD-A3001-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-16)	RM-AHU-7A-1	-
											7A-I-0-3-08		
178	3	XA-RFD-A3001-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	-
					-	-					(7A-I-0-3-08		
179	3	XA-RFD-A3001-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-10)	RM-AHU-7A-1	-
											(7A-I-0-3-16)		
180	3	XA-RFD-A3001-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-10)	RM-AHU-7A-1	-
-											(7A-I-0-3-16)		+
181	3	XA-RFD-A3001-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-10)	RM-AHU-7A-1	-
					 	 					(7A-I-0-3-16)		
182	3	XA-RFD-A3001-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-08	RM-AHU-7A-1	-
	_										(7A-I-0-3-16)		
183	3	XA-RFD-A3001-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-08	RM-AHU-7A-1	-
				I	I	I	<u> </u>				77.10000		1

	T ES	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR:		SHEET.: 14 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	PRD-AIC-LIS-003 (WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
184	3	XS-RFD-A3001-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	-
185	3	XS-RFD-A3001-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	-
186	3	XS-RFD-A3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-16) 7A-I-0-3-08	RM-AHU-7A-1	-
187			TOTAL RM-AHU-7A-1	40	16	38	11	1	6				
188			SYSTEM AHU-7A-1	AI	АО	DI	DO	PS	NETWORK POINTS				
189			SUB TOTAL SYSTEM AHU-7A-1	40	16	38	11	1	6				
190	3	XY-AHU-7A-2-01A	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
191	3	XZSH-AHU-7A-2-01A	OPEN DAMPER SWITCH	1	1	1	-	1	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
192	3	XZSL-AHU-7A-2-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
193	3	XY-AHU-7A-2-01B	RETURN DAMPER CONTROL AIR FLOW	-	1	-	1	1	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
194	3	XZSH-AHU-7A-2-01B	OPEN DAMPER SWITCH	ı	ı	1	-	1	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
195	3	XZSL-AHU-7A-2-01B	CLOSED DAMPER SWITCH	-	1	1	-	ı	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
196	3	FIT-AHU-7A-2-001	RETURN CENTRIFUGAL FAN	1	ı	-	-	ı	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
197	3	SC-AHU-7A-2-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	PROFINET
198	3	XA-SC-AHU-7A-211	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
199	3	XA-SC-AHU-7A-212	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	1	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6

				TITLE:							DOC NR.:		SHEET.:
	T€S	SLER PA					DRIIG	PROD	HCT		569-DB7A-AIC-330-003		15 / 87
	enge	SLER IPS	Takeda Hemobrás								CLIENT NR.:		REV.:
							I/	O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG OUTPUT	DIGITAL INPUT		POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
			02.11.102	Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
200	3	XA-SC-AHU-7A-213	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
201	3	XA-SC-AHU-7A-214	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
202	3	XA-SC-AHU-7A-215	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
203	3	XA-SC-AHU-7A-216	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
204	3	XA-SC-AHU-7A-217	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
205	3	XA-SC-AHU-7A-218	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
206	3	XA-SC-AHU-7A-219	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
207	3		RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
208	3		OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
209			CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
210			RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
211		XZSH-AHU-7A-2-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
212			CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
213			AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
214			OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
215			CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
216			AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
217			OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
218	3	XZSL-AHU-7A-2-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
219	3	XC-AHU-7A-2-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER PA					DRIIG	PROD	HCT		569-DB7A-AIC-330-003		16 / 87
	enge	SLER IPS	Takeda Hemobrás								CLIENT NR.:		REV.:
							I/	O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG OUTPUT	DIGITAL INPUT		POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
			02.00.0	AI	AO	DI	DO	PS	COMM.	OR EQUIPMENT	PANEL LAYOUT		
220	3	XZSH-AHU-7A-2-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
221	3	XZSL-AHU-7A-2-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
222	3	XC-AHU-7A-2-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
223	3	XZSH-AHU-7A-2-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
224	3	XZSL-AHU-7A-2-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
225	3	MT-AHU-7A-2-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	1
226	3	TT-AHU-7A-2-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
227	3	PT-AHU-7A-2-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
228	3	PT-AHU-7A-2-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
229	3	PDIT-AHU-7A-2-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
230	3	TV-960002	SUPPLY WATER FOR AHU-7A-02 - Ø2.1/2"	-	1	-	-	-	-	7A-M-0-5-44	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
231			DIFFERENTIAL PRESSURE IN FILTER F7	-	-	1	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
232			DIFFERENTIAL PRESSURE IN FILTER G4	-	-	1	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
233	1		TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7A-M-0-5-22	7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
234	1	FIT-AHU-7A-2-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	1
235			INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7A-M-0-5-22	7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	PROFINET
236			STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
237	1		FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
238	3		FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
239	3	XA-SC-AHU-7A-224	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6

				TITLE:							DOC NR.:		SHEET.:
	T∈⊆	SLER ips	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003		17 / 87
	e n g e	inharia IPS	Takeda Hemobrás								CLIENT NR.:		REV.:
							. 1/	O LIST			PRD-AIC-LIS-003		3
						DIGITAL		POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE		OUTPUT	INPUT		SUPPLY	PONTS	OR EQUIPMENT	DANIEL LAVOUT	REMOTE	NOTES
				Al	AO	DI	DO	PS	COMM.		PANEL LAYOUT		
240	3	XA-SC-AHU-7A-225	FAULT VFD NO PHASE (ALARM)	_					_	7A-M-0-5-22	(7A-I-0-3-17)	SW-AHU-7A-2	6
240	3	ла-эс-апо- <i>1</i> а-225	FAULT VED NO PHASE (ALAKIM)	-	-	_	_	-	-	7 A-W-0-3-22	7A-I-0-3-08	3W-AHU-7A-2	O
241	3	XA-SC-AHU-7A-226	FAULT VFD GROUND FAILURE (ALARM)	_				_	_	7A-M-0-5-22	(7A-I-0-3-17)	SW-AHU-7A-2	6
241	5	XA-30-A110-1 A-220	TAGET VID GROOND TAILORE (ALARW)	_	_			_	_	7 A-W-0-3-22	7A-I-0-3-08	3W-AH0-7A-2	O
242	3	XA-SC-AHU-7A-227	FAULT VFD FAILURE COMUNICATION (ALARM)	_	_		_	_	_	7A-M-0-5-22	(7A-I-0-3-17)	SW-AHU-7A-2	6
242	5	XA-3C-AIIU-1A-221	TAGET VI DITALLORE COMONICATION (ALARM)	_	_			_	_	7 A-W-0-3-22	7A-I-0-3-08	3W-AI10-1A-2	O
243	3	XA-SC-AHU-7A-228	FAULT VFD CURRENT MOTOR (FACEPLATE)	_	_	l _	_	_	_	7A-M-0-5-22	(7A-I-0-3-17)	SW-AHU-7A-2	6
240	٦	XA-00-A110-1 A-220	TAGET VID GORREITT MOTOR (TAGET EATE)						_	774-WI-0-3-22	7A-I-0-3-08	0W-AI10-7A-2	U
244	3	XA-SC-AHU-7A-229	FAULT VFD SPEED MOTOR (FACEPLATE)	_	_	l .		_	_	7A-M-0-5-22	(7A-I-0-3-17)	SW-AHU-7A-2	6
277	,	XA-00-A110-1A-223	TAGET VID OF EED MOTOR (FACET EATE)						_	774-WI-0-3-22	7A-I-0-3-08	5W-AI10-17A-2	0
245	3	TT-960002	TEMPERATURE AIR SUPPLY	1 1	_	l .	_	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	1
240		11 300002	TEINI EINTOILE MIL GOIT ET	'						77 (W O O ZZ	7A-I-0-3-08	TOWN AND THE Z	'
246	3	XY-AHU-7A-2-05A	SUPLLY AIR DAMPER CONTROL	_	_	l <u>-</u>	1 1	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	1
210		A1 A110 7A 2 00A	OUT LET AIR BANN ER CONTINGE				_ '			77 (W 0 0 22	7A-I-0-3-08	1007010 7702	
247	3	XZSH-AHU-7A-2-05A	OPEN DAMPER SWITCH	_	_	1	_	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	1
	_	ALON AND TA 2 OUA	OF EN BYWELK OWNTON							77 TW 0 0 22	7A-I-0-3-08	1007010 7702	'
248	3	XZSL-AHU-7A-2-05A	CLOSED DAMPER SWITCH	_	_	1	_	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	1
210	Ů	X202 7110 771 2 0071	OLOGED BY WILL ENCOVERED TO							7711110022	7A-I-0-3-08		
249	3	XY-AHU-7A-2-05B	SUPLLY AIR DAMPER CONTROL	l - I	_		1	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	1
210		X1 7410 7X 2 00B	OUT LET THIN BY HAVE ET COTATINGE				· ·			77 TH 0 0 22	7A-I-0-3-08	111171110 1712	
250	3	XZSH-AHU-7A-2-05B	OPEN DAMPER SWITCH	_	_	1	_	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	1
	_	X2011 X110 171 2 00B	OF EN BYWELK OWNTON							77 TW 0 0 22	7A-I-0-3-08	1007010 7702	
251	3	XZSL-AHU-7A-2-05B	CLOSED DAMPER SWITCH	l - I	_	1	_	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	1
			OLOGED BY WILL ENCOVERED TO							7711110022	7A-I-0-3-08	111171110 7712	
252	3	MT-AHU-7A-2-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1 1	_		_	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	1
			OCT TO THE WILD TO THE BOOK!							7711110022	7A-I-0-3-08	111171110 7712	
253	3	TT-AHU-7A-2-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	_	_	l -	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	1 1
		117410 174 2 002	OCT TET TERM ENVIONE AND THE BOOT							7711110022	7A-I-0-3-08	111171110 7712	
254	3	AS-AHU-7A-2-001	SMOKE INDICATION IN THE INSITE DUCT	l - I	_	1	l -	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	1 1
		7.0 7.110 17.1 2 00 1									7A-I-0-3-08		
255	3	HS-SC-7A-2-001	LOCK SWITCH VFD AHU	_	_	1	_	-	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	DRY CONTACT
	<u> </u>										7A-I-0-3-08		2 55117.151
256	3	HS-SC-7A-2-002	LOCK SWITCH VFD AHU	_	_	1	_	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	DRY CONTACT
	<u> </u>										7A-I-0-3-08		
257	3	HS-EF-7A-2-02A	LOCK SWITCH EXHAUST AIR	l - I	_	1	l -	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	DRY CONTACT
	<u> </u>		200.000.000.000.700								7A-I-0-3-08		
258	3	HS-EF-7A-2-02B	LOCK SWITCH EXHAUST AIR	_	_	1	_	_	_	7A-M-0-5-22	(7A-I-0-3-17)	RM-AHU-7A-2	DRY CONTACT
	Ĺ		200.101110112/11/10017111			<u> </u>					7A-I-0-3-08		

	T ES	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 18 / 87 REV.: 3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
		17.0 1	01KH01	Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
259	3	XY-TUS-A-2006-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
260	3	FT-TUS-A-2006-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
261	3	TV-9700380	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
262	3	TT-RH-A-2006-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
263	3	XY-TUS-A-2008-1	AIR FLOW CONTROL IN ROOM	-	ı	-	-	ı	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
264	3	FT-TUS-A-2008-1	AIR FLOW CONTROL IN ROOM	-	ı	-	-	ı	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
265	3	TV-970097	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
266	3	TT-RH-A-2008-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
267	3	XY-TUS-A-2008-2	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
268	3	FT-TUS-A-2008-2	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
269	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
270	3	TT-RH-A-2008-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
271	3	XY-TUS-A-2011-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
272	3	FT-TUS-A-2011-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
273	3	TV-970095	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	ı	-	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
274	3	TT-RH-A-2011-1	CONTROL VALVE HOTING COIL	1	ı	-	-	ı		7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER ips	Takeda Hemobrás				DRUC	PROD	UCT		569-DB7A-AIC-330-003		19 / 87
	enge	innaria 199	Empresa brasile sa de hema derivacios e la ste oscilo de	2			L	O LIST			CLIENT NR.: PRD-AIC-LIS-003		REV.:
				ANALOG	ANALOG		DIGITAL	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		3
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
275	3	XY-TUS-A-2012-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
276	3	FT-TUS-A-2012-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
277	3	TV-970085	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
278	3	TT-RH-A-2012-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
279	3	XY-TUS-A-2013-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
280	3	FT-TUS-A-2013-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
281	3	TV-970093	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
282	3	TT-RH-A-2013-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
283	3	XY-TUS-A-2014-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
284	3	FT-TUS-A-2014-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
285	3	TV-9700104	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
286	3	TT-RH-A-2014-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
287	3	XY-TUS-A-2015-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
288	3	FT-TUS-A-2015-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
289	3	TV-9700106	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	•	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
290	3	TT-RH-A-2015-1	CONTROL VALVE HOTING COIL	1	-	-	-	-		7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER IPS	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003		20 / 87
	e n g e	innaria 199	Empresa brasile sa de hem odernados e brote osologo	2			L	O LIST			CLIENT NR.: PRD-AIC-LIS-003		REV.:
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		3
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
291	3	XY-TUS-A-2010-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
292	3	FT-TUS-A-2010-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	ı	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
293	3	TV-9700230	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	ı	-	7A-M-0-5-49	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
294	3	TT-RH-A-2010-1	CONTROL VALVE HOTING COIL	1	-	-	-	ı	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
295	3	XY-TUS-A-2016-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	ı	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
296	3	FT-TUS-A-2016-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
297	3	TV-970091	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
298	3	TT-RH-A-2016-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
299	3	XY-TUS-A-2018-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
300	3	FT-TUS-A-2018-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	ı	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
301	3	TV-9700369	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
302	3	TT-RH-A-2018-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
303	3	XY-TUS-A-2021-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
304	3	FT-TUS-A-2021-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	ı	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
305	3	TV-970087	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
306	3	TT-RH-A-2021-1	CONTROL VALVE HOTING COIL	1	-	-	-	ı	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3

	T ES	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 21 / 87 REV.: 3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
				Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
307	3	XY-TUS-A-2021-2	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
308	3	FT-TUS-A-2021-2	AIR FLOW CONTROL IN ROOM	-	ı	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
309	3	TV-9700332	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	ı	ı	1	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
310	3	TT-RH-A-2021-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
311	3	XY-TUS-A-2042-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
312	3	FT-TUS-A-2042-1	AIR FLOW CONTROL IN ROOM	-	1	-	-	1	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
313	3	TV-970027	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
314	3	TT-RH-A-2042-1	CONTROL VALVE HOTING COIL	1	ı	-	-	1	•	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
315	3	XY-TUS-A-2049-1	AIR FLOW CONTROL IN ROOM	-	ı	-	1	ı	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
316	3	FT-TUS-A-2049-1	AIR FLOW CONTROL IN ROOM	-	ı	-	1	ı	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
317	3	TV-9700344	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	1	•	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
318	3	TT-RH-A-2049-1	CONTROL VALVE HOTING COIL	1	ı	-	ı	ı	•	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
319	3	XY-TUS-A-2020-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
320	3	FT-TUS-A-2020-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
321	3	TV-9700216	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	ı	ı	-	7A-M-0-5-48	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
322	3	TT-RH-A-2020-1	CONTROL VALVE HOTING COIL	1	ı	-	-	ı		7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3

	T ES	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST	UCT		DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET:: 22 / 87 REV:: 3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
			00	AI	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
323	3	XY-TUS-A-2024-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
324	3	FT-TUS-A-2024-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
325	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	ı	ı	-	7A-M-0-5-XX	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
326	3	TT-RH-A-2024-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
327	3	XY-TUS-A-2049-1	AIR FLOW CONTROL IN ROOM	-	ı	-	ı	ı	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
328	3	FT-TUS-A-2049-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
329	3	TV-9700357	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	ı	ı	-	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
330	3	TT-RH-A-2049-1	CONTROL VALVE HOTING COIL	1	ı	-	ı	ı	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
331	3	XY-TUS-A-2019-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
332	3	FT-TUS-A-2019-1	AIR FLOW CONTROL IN ROOM	-	ı	-	ı	ı	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
333	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	ı	ı	-	7A-M-0-5-XX	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
334	3	TT-RH-A-2019-1	CONTROL VALVE HOTING COIL	1	ı	-	ı	ı	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
335	3	XY-TUS-A-2022-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
336	3	FT-TUS-A-2022-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
337	3	TV-9700320	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	1	-	7A-M-0-5-50	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
338	3	TT-RH-A-2022-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3

	TEC	SIED •		TITLE:					LICT		DOC NR.: 569-DB7A-AIC-330-003		SHEET.: 23 / 87
	e n g e	SLER PS	Takeda Hemobrás Takeda Takeda Hemobrás					S PROD O LIST			CLIENT NR.:		REV.:
	I			ANALOG	ANAL 00	DICITAL					PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE	INPUT	ANALOG OUTPUT	INPUT		POWER SUPPLY	NETWORK PONTS	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS)	REMOTE	NOTES
				Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
339	3	XY-TUS-A-2050-1	AIR FLOW CONTROL IN ROOM	-	1	1	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
340	3	FT-TUS-A-2050-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
341	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
342	3	TT-RH-A-2050-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
343	3	XY-TUS-A-2051-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
344	3	FT-TUS-A-2051-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
345	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
346	3	TT-RH-A-2051-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
347	3	XY-TUS-A-2052-1	AIR FLOW CONTROL IN ROOM	-	-	1	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	FIELD BUS
348	3	FT-TUS-A-2052-1	AIR FLOW CONTROL IN ROOM	-	1	1	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	8
349	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
350	3	TT-RH-A-2052-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	3
351	3	FIT-EF-7A-2A	EXHAUST AIR	1	1	1	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	2
352	3	SC-EF-7A-2A	EXHAUST AIR	-	-	-	-	-	1	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	PROFINET
353	3	XA-SC-EF-7A-21A	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
354	3	XA-SC-EF-7A-22A	FAULT VFD OVER CURRENT (ALARM)	-	1	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
355	3	XA-SC-EF-7A-23A	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6

				TITLE:							DOC NR.:		SHEET.:
	T€S	SLER PA					DRIIG	PROD	HCT		569-DB7A-AIC-330-003		24 / 87
	e n g e	SLER IPS	Takeda Hemobrás								CLIENT NR.:		REV.:
							I/	O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT	DIGITAL INPUT		POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
			02.002	Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
356	3	XA-SC-EF-7A-24A	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
357	3	XA-SC-EF-7A-25A	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
358	3	XA-SC-EF-7A-26A	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
359	3	XA-SC-EF-7A-27A	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
360	3	XA-SC-EF-7A-28A	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
361	3	XA-SC-EF-7A-29A	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08	SW-AHU-7A-2	6
362	3	FIT-EF-7A-2B	EXHAUST AIR	1	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	2
363	3	SC-EF-7A-2B	EXHAUST AIR	-	-	-	-	-	1	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	PROFINET
364	3		STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
365			FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
366	3		FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
367			FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
368			FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
369			FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
370			FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
371			FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
372	3		FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-22	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	SW-AHU-7A-2	6
373	3	XA-RFD-A2006-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-17) 7A-I-0-3-08 (7A-I-0-3-17)	RM-AHU-7A-2	-
374	3	XA-RFD-A2006-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-08	RM-AHU-7A-2	-
375	3	XA-RFD-A2006-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER ips	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003		25 / 87
	enge	enharia 193	Triprosa brasile sta da hema derivados e la osterorido da					O LIST			CLIENT NR.:		REV.:
-	1	Ι		41141.00	43141.00	DIGITAL					PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT			POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
			00_	AI	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT	-	
376	3	XA-RFD-A2006-02A	RECTANGULAR FIRE DAMPER	_		1			_		(7A-I-0-3-17)	RM-AHU-7A-2	
3/6	3	AA-RFD-AZ000-0ZA	RECTANGULAR FIRE DAIMPER	_	_	_ '		_	-	-	7A-I-0-3-08	RIVI-AHU-7A-2	-
377	3	XA-RFD-A2006-02B	RECTANGULAR FIRE DAMPER	-	-	1	- 1	-	-	-	(7A-I-0-3-17)	RM-AHU-7A-2	- 1
											7A-I-0-3-08 (7A-I-0-3-17)		
378	3	XA-RFD-A2006-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-08	RM-AHU-7A-2	- 1
270	_	VA DED 42024 044	DECTANCIA AD FIDE DAMPED								(7A-I-0-3-17)	DM ALUL 7A O	
379	3	XA-RFD-A2021-01A	RECTANGULAR FIRE DAMPER	-	-		-	-	-	-	7A-I-0-3-08	RM-AHU-7A-2	-
380	3	XA-RFD-A2021-01B	RECTANGULAR FIRE DAMPER	-	-	1	l -	-	-	-	(7A-I-0-3-17)	RM-AHU-7A-2	_
						-					7A-I-0-3-08 (7A-I-0-3-17)		+
381	3	XA-RFD-A2021-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-17)	RM-AHU-7A-2	-
200	_	VA DED 40004 004	DECTANGUI AD FIDE DAMPED								(7A-I-0-3-17)	DM ALUL 7A O	
382	3	XA-RFD-A2021-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-08	RM-AHU-7A-2	-
383	3	XA-RFD-A2021-02B	RECTANGULAR FIRE DAMPER	-	-	1	l -	-	-	_	(7A-I-0-3-17)	RM-AHU-7A-2	_
						<u> </u>	-				7A-I-0-3-08		
384	3	XA-RFD-A2021-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	- 1
005		VA DED 40044 044	DECTANGUI AD FIDE DAMPED								(7A-I-0-3-17)	DM ALUL 7A O	1
385	3	XA-RFD-A2014-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-08	RM-AHU-7A-2	-
386	3	XA-RFD-A2014-01B	RECTANGULAR FIRE DAMPER	_	_	1	l -	_	_	_	(7A-I-0-3-17)	RM-AHU-7A-2	_
	Ľ					<u> </u>	<u> </u>				7A-I-0-3-08		1
387	3	XA-RFD-A2014-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
		V4 DED 40045 044	DECTANOLII AD EIDE DAMBED								(7A-I-0-3-17)	D14 A1111 7A O	1
388	3	XA-RFD-A2015-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	•	-	7A-I-0-3-08	RM-AHU-7A-2	-
389	3	XA-RFD-A2015-01B	RECTANGULAR FIRE DAMPER	-	-	1	_	-		_	(7A-I-0-3-17)	RM-AHU-7A-2	_
	Ľ	7.7.11.5 7.2010 015	THE BY WIND EN			<u> </u>					7A-I-0-3-08	NWI / WIO / / L	
390	3	XA-RFD-A2015-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
			25074404# 42 5/25 244252			 					(7A-I-0-3-17)	5	
391	3	XA-RFD-A3001-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-08	RM-AHU-7A-2	-
392	3	XA-RFD-A3001-01B	RECTANGULAR FIRE DAMPER	_	_	1	_	_	-	_	(7A-I-0-3-17)	RM-AHU-7A-2	-
	Ļ	7,7,11,15,7,000,1,01,15	THE BY WIND EN			<u> </u>					7A-I-0-3-08	1007,010 77.2	
393	3	XA-RFD-A3001-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
	_					<u> </u>					(7A-I-0-3-06		+
394	3	XA-RFD-A3001-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-08	RM-AHU-7A-2	- 1
395	3	XA-RFD-A3001-02B	RECTANGULAR FIRE DAMPER	_	_	1	_	_	-	-	(7A-I-0-3-17)	RM-AHU-7A-2	-
030		77-111 D-70001-02D	RESTANOSEANT INC DAIVILEN			<u> </u>	<u> </u>			-	7A-I-0-3-08	INIVI-7ALIU-17A-Z	
396	3	XA-RFD-A3001-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-17)	RM-AHU-7A-2	-
											7A-I-0-3-08		

	Г∈⊆ : n g ∈	SLER ips	Takeda Hemobrás Empres insula n de Nan de	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 26 / 87 REV.: 3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG OUTPUT	DIGITAL INPUT	DIGITAL OUTPUT	POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
	,	TAO NI.	SERVICE	Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT	KEMOTE	110120
397	3	XA-RFD-A3001-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
398	3	XA-RFD-A3001-03B	RECTANGULAR FIRE DAMPER	1	-	1	-	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
399	3	XA-RFD-A3001-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
400	3	XS-RFD-A3001-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
401	3	XS-RFD-A3001-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
402	3	XS-RFD-A3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
403	3	XS-RFD-A2006-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
404	3	XS-RFD-A2006-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
405	3	XS-RFD-A2021-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
406	3	XS-RFD-A2021-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
407	3	XS-RFD-A2014-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
408	3	XS-RFD-A2015-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
409	3	XS-RFD-A3001-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
410	3	XS-RFD-A3001-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
411	3	XS-RFD-A3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-17) 7A-I-0-3-08	RM-AHU-7A-2	-
412			TOTAL RM-AHU-7A-2	35	26	55	20	1	5				
413			SYSTEM AHU-7A-2	AI	AO	DI	DO	PS	NETWORK POINTS				
414			SUB TOTAL SYSTEM AHU-7A-2	35	26	55	20	1	5				

	TES	SSLER inc		TITLE:			DRUG	PROD	UCT		DOC NR.: 569-DB7A-AIC-330-003		SHEET.: 27 / 87
	e n g e	SLER ips	Takeda Hemobrás					O LIST			CLIENT NR.: PRD-AIC-LIS-003		REV.: 3
ID	DEV	TAC No.	CEDWOE		ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK	P&ID N°	(WIRING DIAGRAMS)	DEMOTE	NOTES
ID	REV	TAG Nr.	SERVICE	Al	AO	DI	DO	PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
415	3	XY-AHU-7A-3-01A	RETURN DAMPER CONTROL AIR FLOW	-	1	-	1	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
416	3	XZSH-AHU-7A-3-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
417	3	XZSL-AHU-7A-3-01A	CLOSED DAMPER SWITCH	-	ı	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
418	3	XY-AHU-7A-3-01B	RETURN DAMPER CONTROL AIR FLOW	-	ı	-	1	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
419	3	XZSH-AHU-7A-3-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
420	3	XZSL-AHU-7A-3-01B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
421	3	FIT-AHU-7A-3-001	RETURN CENTRIFUGAL FAN	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
422	3	SC-AHU-7A-3-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	PROFINET
423	3	XA-SC-AHU-7A-311	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
424	3	XA-SC-AHU-7A-312	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
425	3	XA-SC-AHU-7A-313	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
426	3	XA-SC-AHU-7A-314	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
427	3	XA-SC-AHU-7A-315	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
428	3	XA-SC-AHU-7A-316	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
429	3	XA-SC-AHU-7A-317	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
430	3	XA-SC-AHU-7A-318	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
431	3	XA-SC-AHU-7A-319	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-22	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
432	3	XY-AHU-7A-3-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
433	3	XZSH-AHU-7A-3-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
434	3	XZSL-AHU-7A-3-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
435	3	XY-AHU-7A-3-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
436	3	XZSH-AHU-7A-3-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
437	3	XZSL-AHU-7A-3-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1

	Γ ∈ ⊆ : n g €	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		28 / 87 REV::
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
438	3	XY-AHU-7A-3-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
439	3	XZSH-AHU-7A-3-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
440	3	XZSL-AHU-7A-3-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
441	3	XY-AHU-7A-3-03B	AIR INSIDE DAMPER CONTROL	-	1	-	1	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
442	3	XZSH-AHU-7A-3-03B	OPEN DAMPER SWITCH	-	1	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
443	3	XZSL-AHU-7A-3-03B	CLOSED DAMPER SWITCH	-	ı	1	-	-	•	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
444	3	XC-AHU-7A-3-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	•	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
445	3	XZSH-AHU-7A-3-04A	OPEN DAMPER SWITCH	-	ı	1	-	-	•	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
446	3	XZSL-AHU-7A-3-04A	CLOSED DAMPER SWITCH	-	ı	1	-	-	•	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
447	3	XC-AHU-7A-3-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	•	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
448	3	XZSH-AHU-7A-3-04B	OPEN DAMPER SWITCH	-	ı	1	-	-	•	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
449	3	XZSL-AHU-7A-3-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
450	3	MT-AHU-7A-3-001	RETURN HUMIDITY AIR IN THE DUCKT	1	ı	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
451	3	TT-AHU-7A-3-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
452	3	PT-AHU-7A-3-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
453	3	PT-AHU-7A-3-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
454	3	PDIT-AHU-7A-3-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
455	3	TV-960003	SUPPLY WATER FOR AHU-7A-03 - Ø3"	-	1	-	-	-	-	7A-M-0-5-44	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
456	3	PDS-AHU-7A-3-001	DIFFERENTIAL PRESSURE IN FILTER F9	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
457	3	ZS-AHU-7A-3-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
458	3	FIT-AHU-7A-3-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
459	3	SC-AHU-7A-3-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	PROFINET
460	3	XA-SC-AHU-7A-321	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
461	3	XA-SC-AHU-7A-322	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6

	TES	SSLER ips		TITLE:			DRUG	PROD	UCT		DOC NR.: 569-DB7A-AIC-330-003		SHEET.: 29 / 87
	enge	inharia IPS	Takeda					O LIST			CLIENT NR.: PRD-AIC-LIS-003		REV.: 3
ın	DEV	TAC No.	CEDVICE	ANALOG INPUT	ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK	P&ID N°	(WIRING DIAGRAMS)	DEMOTE	NOTES
ID	REV	TAG Nr.	SERVICE	AI	AO	DI	DO	PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
462	3	XA-SC-AHU-7A-323	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
463	3	XA-SC-AHU-7A-324	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
464	3	XA-SC-AHU-7A-325	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
465	3	XA-SC-AHU-7A-326	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
466	3	XA-SC-AHU-7A-327	FAULT VFD FAILURE COMUNICATION (ALARM)	1	-	-	-	ı	•	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
467	3	XA-SC-AHU-7A-328	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
468	3	XA-SC-AHU-7A-329	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
469	3	TT-960003	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
470	3	ZS-AHU-7A-3-002	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
471	3	XY-AHU-7A-3-05A	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
472	3	XZSH-AHU-7A-3-05A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
473	3	XZSL-AHU-7A-3-05A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
474	3	XY-AHU-7A-3-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
475	3	XZSH-AHU-7A-3-05B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
476	3	XZSL-AHU-7A-3-05B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
477	3	MT-AHU-7A-3-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
478	3	TT-AHU-7A-3-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
479	3	AS-AHU-7A-3-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	1
480	3	HS-SC-7A-3-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	DRY CONTACT
481	3	HS-SC-7A-3-002	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	DRY CONTACT
482	3	HS-EF-7A-3-03A	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	DRY CONTACT
483	3	HS-EF-7A-3-03B	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	DRY CONTACT
484	3	TV-970069	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3

	Г∈⊆ : n g ∈	SSLER ips	Takeda Hemobrás	TITLE:				S PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET:: 30 / 87 REV:: 3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
485	3	TT-RH-A-2034-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
486	3	XY-RAV-A-2034-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
487	3	PDT-RAV-A-2034-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
488	3	XY-SAV-A-2034-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
489	3	TV-970047	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
490	3	TT-RH-A-2033-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
491	3	XY-RAV-A-2033-1	PRESSURE CONTROL IN ROOM	-	ı	1	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
492	3	PDT-RAV-A-2033-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
493	3	XY-SAV-A-2033-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
494	3	TV-9700281	CONTROL VALVE HOTING COIL Ø1"	-	1	•	-	-	•	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
495	3	TT-RH-A-2033-2	CONTROL VALVE HOTING COIL	1	ı	ı	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
496	3	XY-RAV-A-2033-2	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
497	3	PDT-RAV-A-2033-2	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
498	3	XY-SAV-A-2033-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
499	3	TV-970073	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
500	3	TT-RH-A-2035-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
501	3	XY-RAV-A-2035-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
502	3	PDT-RAV-A-2035-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
503	3	XY-SAV-A-2035-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
504	3	TV-970075	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
505	3	TT-RH-A-2038-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
506	3	XY-RAV-A-2038-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
507	3	PDT-RAV-A-2038-1	PRESSURE CONTROL IN ROOM	1	-	ı	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER ips	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003 CLIENT NR.:		31 / 87
	: II g e		Empresa brazile es de homo de nuados e biotecnologás				I/	O LIST			PRD-AIC-LIS-003		3
ın	REV	TAG Nr.	SEDVICE	ANALOG INPUT	ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
ID	KEV	TAG Nr.	SERVICE	Al	AO	DI	DO	PS	COMM.	OR EQUIPMENT	PANEL LAYOUT	REWOTE	NOTES
508	3	XY-SAV-A-2038-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
509	3	TV-970077	CONTROL VALVE HOTING COIL Ø3/4"	-	1	1	,	-	-	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
510	3	TT-RH-A-2039-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
511	3	XY-RAV-A-2039-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
512	3	PDT-RAV-A-2039-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
513	3	XY-SAV-A-2039-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
514	3	TV-970056	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
515	3	TT-RH-A-2029-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
516	3	XY-RAV-A-2029-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
517	3	PDT-RAV-A-2029-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
518	3	XY-SAV-A-2029-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
519	3	TV-970045	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
520	3	TT-RH-A-2028-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
521	3	XY-RAV-A-2028-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
522	3	PDT-RAV-A-2028-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
523	3	XY-SAV-A-2028-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
524	3	TV-970061	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
525	3	TT-RH-A-2009-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
526	3	XY-RAV-A-2009-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
527	3	PDT-RAV-A-2009-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
528	3	XY-SAV-A-2009-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS

				TITLE:							DOC NR.:		SHEET.: 32 / 87
	TES	SLER IPS	Takeda Hemobrás	:			DRUC	3 PROD	UCT		569-DB7A-AIC-330-003		32 / 67 REV.:
	e ii g e	illiaria	thripmos brasile as do homoderinados e brotavologi				L	O LIST	•		PRD-AIC-LIS-003		3
					ANALOG		DIGITAL	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	DO DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
529	3	TV-970063	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
530	3	TT-RH-A-2003-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
531	3	XY-RAV-A-2003-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
532	3	PDT-RAV-A-2003-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
533	3	XY-SAV-A-2003-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
534	3	TV-9700300	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
535	3	TT-RH-A-2003-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
536	3	XY-RAV-A-2003-2	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
537	3	PDT-RAV-A-2003-2	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
538	3	XY-SAV-A-2003-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
539	3	TV-970025-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
540	3	TT-RH-A-2036-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
541	3	XY-RAV-A-2036-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
542	3	PDT-RAV-A-2036-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
543	3	XY-SAV-A-2036-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
544	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
545	3	TT-RH-A-2036-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
546	3	XY-SAV-A-2036-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS

	T.C.C	SI SP		TITLE:							DOC NR.:		SHEET.: 33 / 87
	e n g e	SLER IPS	Takeda Hemobrás					PROD			569-DB7A-AIC-330-003 CLIENT NR.:		REV.:
	I	1			l aa	I	_	O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
547	3	TV-970049	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
548	3	TT-RH-A-2037-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
549	3	XY-RAV-A-2037-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
550	3	PDT-RAV-A-2037-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
551	3	XY-SAV-A-2037-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
552	3	TV-9700254	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7A-M-0-5-49	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
553	3	TT-RH-A-2037-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	3
554	3	XY-SAV-A-2037-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	FIELD BUS
555	3	FIT-EF-7A-3A	EXHAUST AIR	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	2
556	3	SC-EF-7A-3A	EXHAUST AIR	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	PROFINET
557	3	XA-SC-EF-7A-31A	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
558	3	XA-SC-EF-7A-32A	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
559	3	XA-SC-EF-7A-33A	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
560	3	XA-SC-EF-7A-34A	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
561	3	XA-SC-EF-7A-35A	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
562	3	XA-SC-EF-7A-36A	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
563	3	XA-SC-EF-7A-37A	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
564	3	XA-SC-EF-7A-38A	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
565	3	XA-SC-EF-7A-39A	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
566	3	FIT-EF-7A-3B	EXHAUST AIR	1	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	2
567	3	SC-EF-7A-3B	EXHAUST AIR	-	-	-	-	-	1	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	PROFINET
568	3	XA-SC-EF-7A-31B	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
569	3	XA-SC-EF-7A-32B	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6

				TITLE:							DOC NR.:		SHEET.: 34 / 87
	TES enge	SLER ips	Takeda Hemobrás					PROD			569-DB7A-AIC-330-003 CLIENT NR.:		REV.:
			Empresa trassite as de hemaciennacios e brote confoças				I	<u>O LIST</u>			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
10		IAO NI.	SERVICE	AI	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT	KEMOTE	NOTES
570	3	XA-SC-EF-7A-33B	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
571	3	XA-SC-EF-7A-34B	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
572	3	XA-SC-EF-7A-35B	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
573	3	XA-SC-EF-7A-36B	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	•	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
574	3	XA-SC-EF-7A-37B	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
575	3	XA-SC-EF-7A-38B	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
576	3	XA-SC-EF-7A-39B	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-23	(7A-I-0-3-18) 7A-I-0-3-08	SW-AHU-7A-3	6
577	3	XA-RFD-A3001-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	-
578	3	XA-RFD-A3001-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	-
579	3	XA-RFD-A3001-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	-
580	3	XA-RFD-A3001-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	-
581	3	XA-RFD-A3001-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	-
582	3	XA-RFD-A3001-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	-
583	3	XA-RFD-A3001-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	-
584	3	XA-RFD-A3001-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	-
585	3	XA-RFD-A3001-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	-
586	3	XS-RFD-A3001-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	-
587	3	XS-RFD-A3001-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	-
588	3	XS-RFD-A3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-18) 7A-I-0-3-08	RM-AHU-7A-3	-
589			TOTAL RM-AHU-7A-3	40	18	37	11	1	5				
590			SYSTEM AHU-7A-3	Al	AO	DI	DO	PS	NETWORK POINTS				
591			SUB TOTAL SYSTEM AHU-7A-3	40	18	37	11	1	5				

	Г∈⊆ : n g €	SSLER ips	Takeda Hemobrás	TITLE:				S PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET:: 35 / 87 REV:: 3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
592	3	XY-AHU-7A-4-01A		-	-	-	1	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
593	3	XZSH-AHU-7A-4-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
594	3	XZSL-AHU-7A-4-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
595	3	XY-AHU-7A-4-01B	RETURN DAMPER CONTROL AIR FLOW	-	1	1	1	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
596	3	XZSH-AHU-7A-4-01B	OPEN DAMPER SWITCH	-	ı	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
597	3	XZSL-AHU-7A-4-01B	CLOSED DAMPER SWITCH	-	ı	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
598	3	FIT-AHU-7A-4-001	RETURN CENTRIFUGAL FAN	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
599	3	SC-AHU-7A-4-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	PROFINET
600	3	XA-SC-AHU-7A-411	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
601	3	XA-SC-AHU-7A-412	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
602	3	XA-SC-AHU-7A-413	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
603	3	XA-SC-AHU-7A-414	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
604	3	XA-SC-AHU-7A-415	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
605	3	XA-SC-AHU-7A-416	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
606	3	XA-SC-AHU-7A-417	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
607	3	XA-SC-AHU-7A-418	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
608	3	XA-SC-AHU-7A-419	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
609	3	XY-AHU-7A-4-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
610	3	XZSH-AHU-7A-4-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
611	3	XZSL-AHU-7A-4-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
612	3	XY-AHU-7A-4-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
613	3	XZSH-AHU-7A-4-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
614	3	XZSL-AHU-7A-4-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1

	T ES	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 36 / 87 REV.: 3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
615	3	XY-AHU-7A-4-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
616	3	XZSH-AHU-7A-4-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
617	3	XZSL-AHU-7A-4-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
618	3	XY-AHU-7A-4-03B	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
619	3	XZSH-AHU-7A-4-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
620	3	XZSL-AHU-7A-4-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
621	3	XC-AHU-7A-4-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
622	3	XZSH-AHU-7A-4-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
623	3	XZSL-AHU-7A-4-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
624	3	XC-AHU-7A-4-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
625	3	XZSH-AHU-7A-4-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
626	3	XZSL-AHU-7A-4-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
627	3	MT-AHU-7A-4-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
628	3	TT-AHU-7A-4-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	1	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
629	3	PT-AHU-7A-4-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	1	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
630	3	PT-AHU-7A-4-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
631	3	PDIT-AHU-7A-4-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
632	3	TV-960004	SUPPLY WATER FOR AHU-7A-04 - Ø2.1/2"	-	1	-	-	-	-	7A-M-0-5-44	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
633	3	PDS-AHU-7A-4-001	DIFFERENTIAL PRESSURE IN FILTER F9	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
634	3	PDS-AHU-7A-4-002	DIFFERENTIAL PRESSURE IN FILTER H13	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
635	3	ZS-AHU-7A-4-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
636	3	FIT-AHU-7A-4-002	INSIDE CENTRIFUGAL FAN	1	-	_	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
637	3	SC-AHU-7A-4-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	PROFINET
638	3	XA-SC-AHU-7A-421	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6

	T ES : n g e	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 37 / 87 REV.:
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
639	3	XA-SC-AHU-7A-422	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
640	3	XA-SC-AHU-7A-423	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
641	3	XA-SC-AHU-7A-424	FAULT VFD SUB VOLTAGE (ALARM)	-	1	-	-	-	,	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
642	3	XA-SC-AHU-7A-425	FAULT VFD NO PHASE (ALARM)	-	1	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
643	3	XA-SC-AHU-7A-426	FAULT VFD GROUND FAILURE (ALARM)	-	1	-	-	-	,	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
644	3	XA-SC-AHU-7A-427	FAULT VFD FAILURE COMUNICATION (ALARM)	-	ı	-	-	-	ı	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
645	3	XA-SC-AHU-7A-428	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	ı	-	-	-	ı	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
646	3	XA-SC-AHU-7A-429	FAULT VFD SPEED MOTOR (FACEPLATE)	-	ı	-	-	-	ı	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	SW-AHU-7A-4	6
647	3	TT-960004	TEMPERATURE AIR SUPPLY	1	ı	-	-	-	ı	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
648	3	ZS-AHU-7A-4-002	TURN OFF IN OPENING DOOR	-	ı	1	-	-	•	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
649	3	XY-AHU-7A-4-05A	SUPLLY AIR DAMPER CONTROL	-	ı	-	1	-	ı	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
650	3	XZSH-AHU-7A-4-05A	OPEN DAMPER SWITCH	-	ı	1	-	-	ı	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
651	3	XZSL-AHU-7A-4-05A	CLOSED DAMPER SWITCH	-	ı	1	-	-	•	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
652	3	XY-AHU-7A-4-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
653	3	XZSH-AHU-7A-4-05B	OPEN DAMPER SWITCH	-	ı	1	-	-	•	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
654	3	XZSL-AHU-7A-4-05B	CLOSED DAMPER SWITCH	-	ı	1	-	-	ı	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
655	3	MT-AHU-7A-4-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	ı	-	-	-	•	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
656	3	TT-AHU-7A-4-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
657	3	AS-AHU-7A-4-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	1
658	3	TV-970037	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
659	3	TT-RH-A-2027-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
660	3	XY-RAV-A-2027-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
661	3	PDT-RAV-A-2027-1	PRESSURE CONTROL IN ROOM	1	1	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
662	3	XY-SAV-A-2027-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS

	Γ ∈⊆ : n g ∈	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: DDD AIC LIS 003		SHEET.: 38 / 87 REV.:
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT AO			POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	PRD-AIC-LIS-003 (WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
663	3	TV-970021	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
664	3	TT-RH-A-2031-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
665	3	XY-RAV-A-2031-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
666	3	PDT-RAV-A-2031-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
667	3	XY-SAV-A-2031-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
668	3	TV-970023	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
669	3	TT-RH-A-2032-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
670	3	XY-RAV-A-2032-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
671	3	PDT-RAV-A-2032-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
672	3	XY-SAV-A-2032-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
673	3	TV-970039	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
674	3	TT-RH-A-2026-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
675	3	XY-RAV-A-2026-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
676	3	PDT-RAV-A-2026-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
677	3	XY-SAV-A-2026-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
678	3	TV-9700168	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
679	3	TT-RH-A-2002-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
680	3	XY-RAV-A-2002-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
681	3	PDT-RAV-A-2002-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
682	3	XY-SAV-A-2002-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
683	3	TV-970041	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
684	3	TT-RH-A-2002-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
685	3	XY-SAV-A-2002-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
686	3	TV-9700204	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
687	3	TT-RH-A-2002-3	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3

	Γ∈⊆ : n g €	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.:		SHEET.: 39 / 87 REV.:
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT AO			POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	PRD-AIC-LIS-003 (WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
688	3	XY-SAV-A-2002-3	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
689	3	TV-970031-2	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
690	3	TT-RH-A-2002-4	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
691	3	XY-SAV-A-2002-4	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
692	3	TV-970031	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
693	3	TT-RH-A-2025-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
694	3	XY-SAV-A-2025-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
695	3	XY-RAV-A-2025-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
696	3	PDT-RAV-A-2025-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
697	3	TV-9700155	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
698	3	TT-RH-A-2025-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
699	3	XY-SAV-A-2025-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
700	3	XY-RAV-A-2025-2	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
701	3	PDT-RAV-A-2025-2	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
702	3	TV-9700180	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
703	3	TT-RH-A-2025-3	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
704	3	XY-SAV-A-2025-3	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
705	3	TV-970000192	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7A-M-0-5-48	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
706	3	TT-RH-A-2025-4	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	3
707	3	XY-SAV-A-2025-4	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-24	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	FIELD BUS
708	3	XA-RFD-A3001-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	-
709	3	XA-RFD-A3001-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	-
710	3	XA-RFD-A3001-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	-
711	3	XA-RFD-A3001-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	-
712	3	XA-RFD-A3001-02B	RECTANGULAR FIRE DAMPER	ı	ı	1	-	-	1	-	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	-

	T∈⊆ ∈ n g ∈	SSLER ips	Takeda Hemobrás Empres trasile in de hemodrazione in de la controlica d	TITLE:				3 PROD /O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 40 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
	KLV	TAG NI.	SERVICE	Al	AO	DI	DO	PS	COMM.	OR EQUIPMENT	PANEL LAYOUT	KEMOTE	NOTES
713	3	XA-RFD-A3001-02C	RECTANGULAR FIRE DAMPER	ı	-	1	-	-	-	-	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	-
714	3	XA-RFD-A3001-03A	RECTANGULAR FIRE DAMPER	ı	-	1	-	-	-	-	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	-
715	3	XA-RFD-A3001-03B	RECTANGULAR FIRE DAMPER	ı	1	1	-	-	-	-	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	-
716	3	XA-RFD-A3001-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	-
717	3	XS-RFD-A3001-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	-
718	3	XS-RFD-A3001-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	-
719	3	XS-RFD-A3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-19) 7A-I-0-3-08	RM-AHU-7A-4	-
720			TOTAL RM-AHU-7A-4	29	15	34	11	1	3				
721			SYSTEM AHU-7A-4	Al	AO	DI	DO	PS	NETWORK POINTS				
722			SUB TOTAL SYSTEM AHU-7A-4	29	15	34	11	1	3				
723	3	FT-TUS-A-1031-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-20) 7A-I-0-3-08	RM-AHU-7A-6	8
724	3	TT-RH-A-1031-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-20) 7A-I-0-3-08	RM-AHU-7A-6	3
725	3	XY-AHU-7A-6-01A	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
726	3	XZSH-AHU-7A-6-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
727	3	XZSL-AHU-7A-6-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
728	3	XY-AHU-7A-6-01B	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
729	3	XZSH-AHU-7A-6-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
730	3	XZSL-AHU-7A-6-01B	CLOSED DAMPER SWITCH	ı	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1

	Г∈⊆ : n g €	SSLER ips	Takeda Hemobrás	TITLE:				S PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET:: 41 / 87 REV.: 3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
731	3	FIT-AHU-7A-6-001	RETURN CENTRIFUGAL FAN	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
732	3	SC-AHU-7A-6-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	PROFINET
733	3	XA-SC-AHU-7A-611	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
734	3	XA-SC-AHU-7A-612	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
735	3	XA-SC-AHU-7A-613	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
736	3	XA-SC-AHU-7A-614	FAULT VFD SUB VOLTAGE (ALARM)	-	1	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
737	3	XA-SC-AHU-7A-615	FAULT VFD NO PHASE (ALARM)	-	ı	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
738	3	XA-SC-AHU-7A-616	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
739	3	XA-SC-AHU-7A-617	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
740	3	XA-SC-AHU-7A-618	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
741	3	XA-SC-AHU-7A-619	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
742	3	XY-AHU-7A-6-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
743	3	XZSH-AHU-7A-6-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
744	3	XZSL-AHU-7A-6-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
745	3	XY-AHU-7A-6-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
746	3	XZSH-AHU-7A-6-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
747	3	XZSL-AHU-7A-6-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
748	3	XY-AHU-7A-6-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
749	3	XZSH-AHU-7A-6-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
750	3	XZSL-AHU-7A-6-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
751	3	XY-AHU-7A-6-03B	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
752	3	XZSH-AHU-7A-6-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
753	3	XZSL-AHU-7A-6-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1

	TES	SSLER ips	Takeda Hemobrás	TITLE:			DRUG	PROD	UCT		DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.:		SHEET.: 42 / 87 REV.:
	inge		Empresa brasile se de hem edenhados e brotecoxilogás				1/	O LIST			PRD-AIC-LIS-003		3
ID	DEV	TAGNE	OFD//OF		ANALOG			POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)	DEMOTE	NOTES
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
754	3	XC-AHU-7A-6-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
755	3	XZSH-AHU-7A-6-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
756	3	XZSL-AHU-7A-6-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
757	3	XC-AHU-7A-6-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
758	3	XZSH-AHU-7A-6-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
759	3	XZSL-AHU-7A-6-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
760	3	MT-AHU-7A-6-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
761	3	TT-AHU-7A-6-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
762	3	PT-AHU-7A-6-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
763	3	PT-AHU-7A-6-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
764	3	PDIT-AHU-7A-6-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
765	3	TV-960006	SUPPLY WATER FOR AHU-7A-06 - Ø2.1/2"	-	1	-	-	-	-	7A-M-0-5-44	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
766	3	PDS-AHU-7A-6-001	DIFFERENTIAL PRESSURE IN FILTER F9	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
767	3	ZS-AHU-7A-6-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
768	3	FIT-AHU-7A-6-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
769	3	SC-AHU-7A-6-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	PROFINET
770	3	XA-SC-AHU-7A-621	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
771	3	XA-SC-AHU-7A-622	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
772	3	XA-SC-AHU-7A-623	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
773	3	XA-SC-AHU-7A-624	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
774	3	XA-SC-AHU-7A-625	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
775	3	XA-SC-AHU-7A-626	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
776	3	XA-SC-AHU-7A-627	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER IPS	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003 CLIENT NR.:		43 / 87 REV.:
	enge		Empresa brasile na de hemadamazios e biotecnologia				I	O LIST			PRD-AIC-LIS-003		3
	DEV	TAGNE	OFD//OF					POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)	DEMOTE	NOTEO
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	DI	DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
777	3	XA-SC-AHU-7A-628	FAULT VFD CURRENT MOTOR (FACEPLATE)	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
778	3	XA-SC-AHU-7A-629	FAULT VFD SPEED MOTOR (FACEPLATE)	ı	ı	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
779	3	TT-960006	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
780	3	ZS-AHU-7A-6-002	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
781	3	XY-AHU-7A-6-05A	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
782	3	XZSH-AHU-7A-6-05A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
783	3	XZSL-AHU-7A-6-05A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
784	3	XY-AHU-7A-6-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
785	3	XZSH-AHU-7A-6-05B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
786	3	XZSL-AHU-7A-6-05B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
787	3	MT-AHU-7A-6-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
788	3	TT-AHU-7A-6-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
789	3	AS-AHU-7A-6-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	1
790	3	HS-SC-7A-6-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	DRY CONTACT
791	3	HS-SC-7A-6-002	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	DRY CONTACT
792	3	HS-EF-7A-6-06A	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	DRY CONTACT
793	3	HS-EF-7A-6-06B	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	DRY CONTACT
794	3	XY-TUS-A-1012-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
795	3	FT-TUS-A-1012-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
796	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
797	3	TT-RH-A-1012-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER ips	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003 CLIENT NR.:		44 / 87 REV.:
	inge		Empresa brasile ras de hem edente dos e brote crutique				1/	O LIST			PRD-AIC-LIS-003		3
15	DEV	TAGNI	OFDWOF	ANALOG			DIGITAL OUTPUT	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)	DEMOTE	NOTEO
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
798	3	XY-TUS-A-1011-1	AIR FLOW CONTROL IN ROOM	-	-	1	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
799	3	FT-TUS-A-1011-1	AIR FLOW CONTROL IN ROOM	-	-	ı	1	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
800	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
801	3	TT-RH-A-1011-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
802	3	XY-TUS-A-1018-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
803	3	FT-TUS-A-1018-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
804	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
805	3	TT-RH-A-1018-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
806	3	XY-TUS-A-1023-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
807	3	FT-TUS-A-1023-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
808	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
809	3	TT-RH-A-1023-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
810	3	XY-TUS-A-1034-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
811	3	FT-TUS-A-1034-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
812	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
813	3	TT-RH-A-1034-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
814	3	XY-TUS-A-1034-2	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
815	3	FT-TUS-A-1034-2	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
816	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
817	3	TT-RH-A-1034-2	CONTROL VALVE HOTING COIL	1		-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER ips	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003		45 / 87
	e n g e	nharia 193	Original brails to do hote definado e brote ordego					O LIST	_		CLIENT NR.: PRD-AIC-LIS-003		REV.: 3
				ANALOG			DIGITAL	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
818	3	XY-TUS-A-1040-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
819	3	FT-TUS-A-1040-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
820	3	TV-9700411	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-47	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
821	3	TT-RH-A-1040-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
822	3	XY-TUS-A-1040-2	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
823	3	FT-TUS-A-1040-2	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
824	3	TV-9700415	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-47	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
825	3	TT-RH-A-1040-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
826	3	XY-TUS-A-1039-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
827	3	FT-TUS-A-1039-1	AIR FLOW CONTROL IN ROOM	-	-	-		-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08 (7A-I-0-3-21)	RM-AHU-7A-6	8
828	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	7A-I-0-3-21) 7A-I-0-3-08 (7A-I-0-3-21)	RM-AHU-7A-6	3
829	3	TT-RH-A-1039-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26A	7A-I-0-3-21) 7A-I-0-3-08 (7A-I-0-3-21)	RM-AHU-7A-6	3
830	3		AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	7A-I-0-3-21) 7A-I-0-3-08 (7A-I-0-3-21)	RM-AHU-7A-6	FIELD BUS
831			AIR FLOW CONTROL IN ROOM	-	-	-		-	1	7A-M-0-5-26A	7A-I-0-3-21) 7A-I-0-3-08 (7A-I-0-3-21)	RM-AHU-7A-6	8
832		TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	7A-I-0-3-08 (7A-I-0-3-21)	RM-AHU-7A-6	3
833			CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26A	7A-I-0-3-21) 7A-I-0-3-08 (7A-I-0-3-21)	RM-AHU-7A-6	3
834			AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	7A-I-0-3-21) 7A-I-0-3-08 (7A-I-0-3-21)	RM-AHU-7A-6	FIELD BUS
835			AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	7A-I-0-3-21) 7A-I-0-3-08 (7A-I-0-3-21)	RM-AHU-7A-6	8
836			CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	7A-I-0-3-08 (7A-I-0-3-21)	RM-AHU-7A-6	3
837	3	TT-RH-A-1017-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26A	7A-I-0-3-08	RM-AHU-7A-6	3

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER inc	Takeda				DRUG	PROD	UCT		569-DB7A-AIC-330-003		46 / 87
	enge	inharia IPS	Takeda Hemobrás								CLIENT NR.:		REV.:
								O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT			POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
			0=13330=	AI	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
838	3	XY-TUS-A-1037-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
839	3	FT-TUS-A-1037-1	AIR FLOW CONTROL IN ROOM	-	-	-	ı	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
840	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
841	3	TT-RH-A-1037-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
842	3	XY-TUS-A-1038-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
843	3	FT-TUS-A-1038-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
844	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
845	3	TT-RH-A-1038-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
846	3	XY-TUS-A-1025-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
847	3	FT-TUS-A-1025-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
848	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
849	3	TT-RH-A-1025-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
850	3	XY-TUS-A-1032-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
851	3	FT-TUS-A-1032-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
852	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
853	3	TT-RH-A-1032-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
854	3	XY-TUS-A-1062-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	FIELD BUS
855	3	FT-TUS-A-1062-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	8
856	3	TV-9700XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-XX	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3
857	3	TT-RH-A-1062-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7A-M-0-5-26A	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	3

	T ES Enge	SSLER ips	Takeda Hemobrás	TITLE:				S PROD O LIST	UCT		DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 47 / 87 REV.: 3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
858	3	FIT-EF-7A-6A	EXHAUST AIR	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	2
859	3	SC-EF-7A-6A	EXHAUST AIR	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-00 7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	PROFINET
860	3	XA-SC-EF-7A-61A	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
861	3	XA-SC-EF-7A-62A	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
862	3	XA-SC-EF-7A-63A	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
863	3	XA-SC-EF-7A-64A	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
864	3	XA-SC-EF-7A-65A	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
865	3	XA-SC-EF-7A-66A	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
866	3	XA-SC-EF-7A-67A	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
867	3	XA-SC-EF-7A-68A	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
868	3	XA-SC-EF-7A-69A	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
869	3	FIT-EF-7A-6B	EXHAUST AIR	1	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	2
870	3	SC-EF-7A-6B	EXHAUST AIR	-	-	-	-	-	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	PROFINET
871	3	XA-SC-EF-7A-61B	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
872	3	XA-SC-EF-7A-62B	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
873	3	XA-SC-EF-7A-63B	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
874	3	XA-SC-EF-7A-64B	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
875	3	XA-SC-EF-7A-65B	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
876	3	XA-SC-EF-7A-66B	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
877	3	XA-SC-EF-7A-67B	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
878	3	XA-SC-EF-7A-68B	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6
879	3	XA-SC-EF-7A-69B	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	SW-AHU-7A-6	6

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER ips	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003		48 / 87
	enge		Empresa brasile as de homa denhados e la casovido da				I,	O LIST			PRD-AIC-LIS-003		3
				ANALOG	ANALOG		DIGITAL	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT Di	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
880	3	XA-RFD-A1034-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
881	3	XA-RFD-A1034-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
882	3	XA-RFD-A1034-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
883	3	XA-RFD-A1034-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	•	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
884	3	XA-RFD-A1034-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
885	3	XA-RFD-A1034-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
886	3	XA-RFD-A1034-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
887	3	XA-RFD-A1034-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
888	3	XA-RFD-A1034-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
889	3	XA-RFD-A1034-04A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
890	3	XA-RFD-A1034-04B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
891	3	XA-RFD-A1034-04C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
892	3	XA-RFD-A1034-05A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
893	3	XA-RFD-A1034-05B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
894	3	XA-RFD-A1034-05C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
895	3	XA-RFD-A1034-06A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
896	3	XA-RFD-A1034-06B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
897	3	6XA-RFD-A1034-06C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
898	3	XA-RFD-A1034-07A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
899	3	XA-RFD-A1034-07B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
900	3	6XA-RFD-A1034-07C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
901	3	XA-RFD-A1038-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-

	T ES	SSLER ips	Takeda Hemobrás	TITLE:				PROD			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.:		SHEET.: 49 / 87 REV.:
			• O Specification contact the contact to the contac					O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT			POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
		TAO IVI.	CERVICE	Al	AO	DI	DO	PS	COMM.	OR EQUIPMENT	PANEL LAYOUT	KEMOTE	10120
902	3	XA-RFD-A1038-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
903	3	XA-RFD-A1038-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
904	3	XA-RFD-A1040-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
905	3	XA-RFD-A1040-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
906	3	XA-RFD-A1040-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
907	3	XA-RFD-A1040-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
908	3	XA-RFD-A1040-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
909	3	XA-RFD-A1040-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
910	3	XA-RFD-A1045-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
911	3	XA-RFD-A1045-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
912	3	XA-RFD-A1045-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
913	3	XA-RFD-A1045-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
914	3	XA-RFD-A1045-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
915	3	XA-RFD-A1045-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
916	3	XA-RFD-A3001-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
917	3	XA-RFD-A3001-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
918	3	XA-RFD-A3001-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
919	3	XA-RFD-A1037-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
920	3	XA-RFD-A1037-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
921	3	XA-RFD-A1037-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
922	3	XA-RFD-A1037-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER					DRIIG	PROD	HCT		569-DB7A-AIC-330-003		50 / 87
	e n g e	SLER ips	Takeda Hemobrás								CLIENT NR.:		REV.:
							I/	O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT	DIGITAL INPUT		POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
	IXL V	TAG NI.	SERVICE	Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT	KEMOTE	NOTES
923	3	XA-RFD-A1037-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21)	RM-AHU-7A-6	-
											7A-I-0-3-08		
924	3	XA-RFD-A1037-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
											(7A-I-0-3-21)		
925	3	XA-RFD-A1037-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7A-I-0-3-08	RM-AHU-7A-6	-
926	3	XA-RFD-A1037-03B	RECTANGULAR FIRE DAMPER	_	_	1	_	_	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
	Ľ	7.7.1.2 7.1.001 002	TEOTATOOLATE BATTAN ETC								7A-I-0-3-08		
927	3	XA-RFD-A1037-03C	RECTANGULAR FIRE DAMPER	_	_	1	_	_	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
	Ľ										7A-I-0-3-08		
928	3	XA-RFD-A3001-01A	RECTANGULAR FIRE DAMPER	_	-	1	_	-	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
	Ľ										7A-I-0-3-08		
929	3	XA-RFD-A3001-01B	RECTANGULAR FIRE DAMPER	-	-	1	_	-	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
	Ľ	7									7A-I-0-3-08		
930	3	XA-RFD-A3001-01C	RECTANGULAR FIRE DAMPER	_	-	1	_	-	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
	Ļ	7.5.1.1.2 7.6001 010	1 (2) / (1 () () () () () () () () ()								7A-I-0-3-08		
931	3	XA-RFD-A3001-02A	RECTANGULAR FIRE DAMPER	_	_	1	_	_	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
501	Ľ	AA KI B AOOOT OZA	THE STANGE OF THE BANKIN EIN								7A-I-0-3-08	100700	
932	3	XA-RFD-A3001-02B	RECTANGULAR FIRE DAMPER	_	_	1	_	_	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
302	Ľ	AA KI B AGGOT GEB	TRESTANCOE/ART INCE BANKIN EIR			'					7A-I-0-3-08	14017416 7746	
933	3	XA-RFD-A3001-02C	RECTANGULAR FIRE DAMPER	_	_	1	_	_	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
333	٦	AA-KI D-A3001-020	REGIANOGEART IRE DAIVII ER	_		'			_		7A-I-0-3-08	TOTA-0	
934	3	XS-RFD-A1034-01A	RECTANGULAR FIRE DAMPER	_	_	_	1	_	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
334	٦	X0-KI D-A1004-01A	REOTANOGEART INE DAMI ER				'		_		7A-I-0-3-08	KIVI-AI 10-17A-0	
935	3	XS-RFD-A1034-02A	RECTANGULAR FIRE DAMPER	_	_	_	1	_	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
333	٦	70-111 D-211034-022	REGIANOGEART IRE DAIVII ER	_			_ '		_		7A-I-0-3-08	TOTA-0	
936	3	XS-RFD-A1034-03A	RECTANGULAR FIRE DAMPER	_	_	_	1	_	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
330	٦	X3-KI D-A1034-03A	REGIANOGEART IRE DAIVII ER	_			_ '		_		7A-I-0-3-08	TOP TA-0	
937	3	XS-RFD-A1034-04A	RECTANGULAR FIRE DAMPER	_	_	_	1	_	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
331	٦	X3-KI D-A1034-04A	REGIANOGEART IRE DAIVII ER	_			_ '		_		7A-I-0-3-08	TOP TA-0	
938	3	XS-RFD-A1034-05A	RECTANGULAR FIRE DAMPER	_	_	_	1	_	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
930	٦	X3-KI D-A1034-03A	RECTANGULART INE DAMI ER	_	_	_	'	_	_		7A-I-0-3-08	KW-AHO-TA-0	
939	3	XS-RFD-A1034-06A	RECTANGULAR FIRE DAMPER				1	_	_	-	(7A-I-0-3-21)	RM-AHU-7A-6	_
338	٦	AG-INI D-A 1034-00A	INCOTANGULAN FINE DAIVIF EN				<u>'</u>				7A-I-0-3-08	INVITATIO-TA-0	
940	3	XS-RFD-A1034-07A	RECTANGULAR FIRE DAMPER	-	-	_	1	_	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
940	3	AG-INI D-A 1034-01A	INCOTANGULAN FINE DANIFER								7A-I-0-3-08	INIVITATIO-1A-0	
941	3	XS-RFD-A1038-01A	RECTANGULAR FIRE DAMPER	-		_	1	_			(7A-I-0-3-21)	RM-AHU-7A-6	_
341	3	70-1/1 D-41030-014	INCOTANGULAN FINE DANIFER						-	-	7A-I-0-3-08	INIVITATIO-1A-0	-
942	3	XS-RFD-A1040-01A	RECTANGULAR FIRE DAMPER	-	-	_	1	_	_	_	(7A-I-0-3-21)	RM-AHU-7A-6	_
342	٥	70-1/1 D-41040-01A	INCOTANGULAN FINE DAIVIF EN								7A-I-0-3-08	KW-AI IO-I A-0	

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER ips	Takeda				DRUG	PROD	UCT		569-DB7A-AIC-330-003		51 / 87
	e n g e	nharia 195	Takeda Hemobrás								CLIENT NR.:		REV.:
					•		<u> </u>	O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT			POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
	IXL V	TAO NI.	CERVICE	Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT	KEMOTE	NOTES
943	3	XS-RFD-A1040-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
944	3	XS-RFD-A1045-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
945	3	XS-RFD-A1045-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
946	3	XS-RFD-A3001-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
947	3	XS-RFD-A3001-02A	RECTANGULAR FIRE DAMPER	-	-	1	1	1	-	1	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
948	3	XS-RFD-A3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	1	-	1	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
949	3	XS-RFD-A1037-01A	RECTANGULAR FIRE DAMPER	-	-	1	1	1	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
950	3	XS-RFD-A1037-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	ı	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
951	3	XS-RFD-A1037-03A	RECTANGULAR FIRE DAMPER	-	-	1	1	ı	-	-	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	-
952	3	ETH-CRU-7A-1	COLD ROOM A1035	-	-	1	-	ı	1	7A-M-0-5-26	(7A-I-0-3-21) 7A-I-0-3-08	RM-AHU-7A-6	ETHERNET
953			TOTAL RM-AHU-7A-6	28	19	82	26	1	5				
954			SYSTEM AHU-7A-6	AI	AO	DI	DO	PS	NETWORK POINTS				
955			SUB TOTAL SYSTEM AHU-7A-6	28	19	82	26	1	5				

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER ips	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003 CLIENT NR.:		52 / 87 REV.:
	. 11 9 0		Empresa brasile sa de hem a derivados e la oteopolo qui				I.	O LIST			PRD-AIC-LIS-003		3
	DE1/	TAGNI	050//05					POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)	DEMOTE	Notes
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	DI	DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
956	3	XY-DOAS-7A-01A	EXTERNAL AIR DAMPER CONTROL	-	-	ı	1	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
957	3	XZSH-DOAS-7A-01A	OPEN DAMPER SWITCH	-	-	1		-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
958	3	XZSL-DOAS-7A-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
959	3	XY-DOAS-7A-01B	EXTERNAL AIR DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
960	3	XZSH-DOAS-7A-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
961	3	XZSL-DOAS-7A-01B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
962	3	XY-DOAS-7A-02A	BYPASS AIR DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
963	3	XZSH-DOAS-7A-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
964	3	XZSL-DOAS-7A-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
965	3	XY-DOAS-7A-02B	BYPASS AIR DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
966	3	XZSH-DOAS-7A-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
967	3	XZSL-DOAS-7A-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
968	3	ZS-DOAS-7A-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
969	3	XY-DOAS-7A-03A	BYPASS AIR DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
970	3	XZSH-DOAS-7A-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
971	3	XZSL-DOAS-7A-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
972	3	XY-DOAS-7A-03B	BYPASS AIR DAMPER CONTROL	-	-	-	1	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
973	3	XZSH-DOAS-7A-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
974	3	XZSL-DOAS-7A-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
975	3	ZS-DOAS-7A-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
976	3	FIT-DOAS-7A-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER IPS	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003 CLIENT NR.:		53 / 87
	ing c		Empresa brealle as de hem edenhados e brotechología				I	O LIST			PRD-AIC-LIS-003		3
	DEV	TAGNE	050/405		ANALOG			POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)	DEMOTE	NOTES
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	DI	DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
977	3	SC-DOAS-7A-002	INSIDE CENTRIFUGAL FAN	-	-	ı	,	-	1	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	SW-DOAS-7A-1	PROFINET
978	3	XA-SC-DOAS-7A-211	STATUS VFD (ON-OFF)	-	-	ı	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	SW-DOAS-7A-1	6
979	3	XA-SC-DOAS-7A-212	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	SW-DOAS-7A-1	6
980	3	XA-SC-DOAS-7A-213	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	SW-DOAS-7A-1	6
981	3	XA-SC-DOAS-7A-214	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	SW-DOAS-7A-1	6
982	3	XA-SC-DOAS-7A-215	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	SW-DOAS-7A-1	6
983	3	XA-SC-DOAS-7A-216	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	SW-DOAS-7A-1	6
984	3	XA-SC-DOAS-7A-217	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	SW-DOAS-7A-1	6
985	3	XA-SC-DOAS-7A-218	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	SW-DOAS-7A-1	6
986	3	XA-SC-DOAS-7A-219	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	SW-DOAS-7A-1	6
987	3	TT-DOAS-7A-002	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
988	3	XY-DOAS-7A-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
989	3	XZSH-DOAS-7A-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
990	3	XZSL-DOAS-7A-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
991	3	XY-DOAS-7A-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
992	3	XZSH-DOAS-7A-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
993	3	XZSL-DOAS-7A-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
994	3	MT-DOAS-7A-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
995	3	TT-DOAS7A-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
996	3	AS-DOAS-7A-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
997	3	PT-DOAS-7A-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1

				TITLE:							DOC NR.:		SHEET.:
	TES	SSLER =					DRIIG	PROD	HCT		569-DB7A-AIC-330-003		54 / 87
	e n g e	SLER IPS	Takeda Hemobrás								CLIENT NR.:		REV.:
		_					I/	O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT	DIGITAL INPUT		POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
	IXE V	TAG NI.	SERVICE	Al	AO	DI	DO	PS	COMM.	OR EQUIPMENT	PANEL LAYOUT	KEMOTE	NOTES
998	3	TV-960027	SUPPLY WATER FOR DOAS-7A-01 - Ø6"	-	1	-	-	-	-	7A-M-0-5-44	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	1
999	3	HS-SC-DOAS-7A-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	DRY CONTACT
1000	3	XY-SAV-7A-1-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	FIELD BUS
1001	3	XY-SAV-7A-2-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	FIELD BUS
1002	3	XY-SAV-7A-3-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	FIELD BUS
1003	3	XY-SAV-7A-4-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	FIELD BUS
1004	3	XY-SAV-7A-5-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	FIELD BUS
1005	3	XY-SAV-7A-6-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	FIELD BUS
1006	3	XY-SAV-7A-7-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7A-M-0-5-28	(7A-I-0-3-25) 7A-I-0-3-08	RM-DOAS-7A-1	FIELD BUS
1007			TOTAL RM-DOAS-7A-1	5	3	20	6	1	2				
1008			SYSTEM DOAS-7A-1	Al	AO	DI	DO	PS	NETWORK POINTS				
1009			SUB TOTAL SYSTEM DOAS-7A-1	5	3	20	6	1	2				
1010	3	TT-9600223	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1011	3	TV-9600223	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-54	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1012	3	XS-FCU-A1041-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1013	3	XA-FCU-A1041-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1014	3	TT-9600221	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1015	3	TV-9600221	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-54	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1016	3	XS-FCU-A1041-002	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1017	3	XA-FCU-A1041-002	STATUS EQUIPMENT (ON / OFF)	1	ı	1	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1

				TITLE:							DOC NR.:		SHEET.:
	T€S	SLER ips	Takeda Hemobrós				DRUG	PROD	UCT		569-DB7A-AIC-330-003		55 / 87
	e n g e	inharia IPS	Takeda Hemobrás								CLIENT NR.:		REV.:
		1						O LIST			PRD-AIC-LIS-003		3
								POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE	INPUT	OUTPUT		OUTPUT	SUPPLY	PONTS	OR EQUIPMENT	BANEL LAYOUT	REMOTE	NOTES
				Al	AO	DI	DO	PS	сомм.	• · · · · · · · · · · · · · · · · · · ·	PANEL LAYOUT		
4040	_	TT 0000004	TEMPERATURE AIR CURRUY	4						74 14 0 5 00	(7A-I-0-3-12)	DM FOLL 7A 4	1
1018	3	TT-9600231	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	7A-I-0-3-08	RM-FCU-7A-1	1
1010			CONTROL VALVE COOLING COIL CALL		,					74.14.0.5.55	(7A-I-0-3-12)	DM 5011 74 4	4
1019	3	TV-9600231	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7A-M-0-5-55	7A-I-0-3-08	RM-FCU-7A-1	1
							,				(7A-I-0-3-12)	D14 = 0.1. = 4.4	,
1020	3	XS-FCU-A2024-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	7A-I-0-3-08	RM-FCU-7A-1	1
											(7A-I-0-3-12)		
1021	3	XA-FCU-A2024-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	7A-I-0-3-08	RM-FCU-7A-1	1
											(7A-I-0-3-12)		
1022	3	TT-960020	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	7A-I-0-3-08	RM-FCU-7A-1	1
											(7A-I-0-3-12)		
1023	3	TV-960020	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-54	7A-I-0-3-08	RM-FCU-7A-1	1
											(7A-I-0-3-12)		
1024	3	XS-FCU-A1043-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	7A-I-0-3-08	RM-FCU-7A-1	1
						-					(7A-I-0-3-12)		
1025	3	XA-FCU-A1043-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	7A-I-0-3-08	RM-FCU-7A-1	1
											(7A-I-0-3-12)		
1026	3	TT-9600187	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	7A-I-0-3-08	RM-FCU-7A-1	1
											(7A-I-0-3-12)		
1027	3	TV-9600187	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-54	7A-I-0-3-08	RM-FCU-7A-1	1
											(7A-I-0-3-12)		
1028	3	XS-FCU-A1043-002	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	7A-I-0-3-08	RM-FCU-7A-1	1
											(7A-I-0-3-12)		
1029	3	XA-FCU-A1043-002	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	7A-I-0-3-12)	RM-FCU-7A-1	1
											(7A-I-0-3-12)		
1030	3	TT-9600191	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	7A-I-0-3-12)	RM-FCU-7A-1	1
											(7A-I-0-3-12)		
1031	3	TV-9600191	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-54	7A-I-0-3-12)	RM-FCU-7A-1	1
											(7A-I-0-3-12)		
1032	3	XS-FCU-A1043-003	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	7A-I-0-3-12)	RM-FCU-7A-1	1
											(7A-I-0-3-12)		
1033	3	XA-FCU-A1043-003	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	7A-I-0-3-12)	RM-FCU-7A-1	1
						-		-			(7A-I-0-3-12)		
1034	3	TT-9600193	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	7A-I-0-3-08	RM-FCU-7A-1	1
											(7A-I-0-3-12)		+
1035	3	TV-9600193	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-54	7A-I-0-3-12)	RM-FCU-7A-1	1
						-					(7A-I-0-3-12)		+
1036	3	XS-FCU-A1043-004	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	7A-I-0-3-12)	RM-FCU-7A-1	1
						-	 				(7A-I-0-3-12)		+
1037	3	XA-FCU-A1043-004	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	7A-I-0-3-12)	RM-FCU-7A-1	1
											1 A-1-U-3-U0		

	Г∈⊆ : n g €	SSLER ips	Takeda Hemobrás Empres trade in de hamada nadice in de hamada n	TITLE:				S PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 56 / 87 REV.:
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT AO			POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1038	3	TT-9600237	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1039	3	TV-9600237	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7A-M-0-5-56	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1040	3	XS-FCU-A1026-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	1	-	1	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1041	3	XA-FCU-A1026-001	STATUS EQUIPMENT (ON / OFF)	-	1	1	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1042	3	TT-9600239	TEMPERATURE AIR SUPPLY	1	ı	-	-	-	•	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1043	3	TV-9600239	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7A-M-0-5-56	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1044	3	XS-FCU-A1026-002	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1045	3	XA-FCU-A1026-002	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1046	3	TT-9600241	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1047	3	TV-9600241	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7A-M-0-5-56	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1048	3	XS-FCU-A1026-003	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1049	3	XA-FCU-A1026-003	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1050	3	TT-9600213	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1051	3	TV-9600213	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1052	3	XS-FCU-A1027-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1053	3	XA-FCU-A1027-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1054	3	TT-9600215	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1055	3	TV-9600215	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1056	3	XS-FCU-A1027-002	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1057	3	XA-FCU-A1027-002	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1058	3	TT-9600217	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1059	3	TV-9600217	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7A-M-0-5-54	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1060	3	XS-FCU-A1027-003	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1061	3	XA-FCU-A1027-003	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER IPS	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003		57 / 87
	enge	inharia IPS	Takeda Hemobrás								CLIENT NR.:		REV.:
		_					I/	O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
		ino iii.	OLIVIOL .	Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT	Name : a	
1062	3	TT-9600225	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1063	3	TV-9600225	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7A-M-0-5-54	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1064	3	XS-FCU-A1030-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1065	3	XA-FCU-A1030-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1066	3	TT-9600227	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1067	3	TV-9600227	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1068	3	XS-FCU-A3003-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1069	3	XA-FCU-A3003-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1070	3	TT-9600229	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1071	3	TV-9600229	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1072	3	XS-FCU-A3003-002	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1073	3	XA-FCU-A3003-002	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1074	3	TT-FCU-A3002-001	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1075	3	TV-FCU-A3002-001	CONTROL VALVE COOLING COIL	-	1	-	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1076	3	XS-FCU-A3002-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1077	3	XA-FCU-A3002-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-29	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1

				TITLE:							DOC NR.:		SHEET.:
	TES	SLER ips	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003		58 / 87
	e n g e	inharia ips	Transcettat Transc					O LIST			CLIENT NR.:		REV.:
	_					I					PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT			POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
				Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
1078	3	TT-9600233	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7A-M-0-5-55	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1079	3	TV-9600233	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	ı	-	7A-M-0-5-55	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1080	3	XS-FCU-A3302-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7A-M-0-5-55	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1081	3	XA-FCU-A3302-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7A-M-0-5-55	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	1
1082	3	XA-RFD-A1041-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1083	3	XA-RFD-A1041-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1084	3	XA-RFD-A1041-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1085	3	XA-RFD-A1041-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1086	3	XA-RFD-A1041-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1087	3	XA-RFD-A1041-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1088	3	XA-RFD-A1041-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1089	3	XA-RFD-A1041-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1090	3	XA-RFD-A1041-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1091	3	XA-RFD-A1041-04A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1092	3	XA-RFD-A1041-04B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1093	3	XA-RFD-A1041-04C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1094	3	XA-RFD-A1041-05A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1095	3	XA-RFD-A1041-05B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1096	3	XA-RFD-A1041-05C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1097	3	XA-RFD-A1041-06A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1098	3	XA-RFD-A1041-06B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-

				TITLE:							DOC NR.:		SHEET.:
	ΓES	SLER IPS	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003		59 / 87
	: II G E	illiaria IIIO	Emprosa brasile sa de hemadorinados e brotecucioção				I/	O LIST			PRD-AIC-LIS-003		3
					ANALOG			POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1099	3	XA-RFD-A1041-06C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1100	3	XS-RFD-A1041-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1101	3	XS-RFD-A1041-02A	RECTANGULAR FIRE DAMPER	-	ı	-	1	ı	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1102	3	XS-RFD-A1041-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1103	3	XS-RFD-A1041-04A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1104	3	XS-RFD-A1041-05A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1105	3	XS-RFD-A1041-06A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7A-I-0-3-12) 7A-I-0-3-08	RM-FCU-7A-1	-
1106			SYSTEM RM-FCU-7A-1	Al	AO	DI	DO	PS	NETWORK POINTS				
1107			SUB TOTAL SYSTEM RM-FCU-7A-1	18	18	36	24	1	0				
1108			HVAC SYSTEM	AI	AO	DI	DO	PS	NETWORK POINTS				
1109			GENERAL TOTAL HVAC SYSTEM	195	115	302	109	7	26				
1110		BLACK UTILITIES											
1111	3	FIT-610001	INDUSTRIAL WATER DISTRIBUTION SYSTEM	1	ı	-	-	ı	-	7A-M-0-5-41	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1112	3	FIT-940053	COOLING WATER - CHILLED WATER GEN. (HVAC)	1	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1113	3	FIT-940054	COOLING WATER - GLYCOL GENERATION	1	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1114	3	FIT-940075	INDUSTRIAL WATER - MAKE-UP	1	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1115	3	FIT-940090	C.W.PROC. WASTE - LIFT STATION	1	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1116	3	FIT-940092	C.W. COMPRESSED AIR GENERATION	1	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1117	3	PIT-940053	COOLING WATER - CHILLED WATER GEN. (HVAC)	1	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-

				TITLE:							DOC NR.:		SHEET.:
	T∈⊆	SLER IPS	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003		60 / 87
1	e n g e	nharia 193	Transaction of the control of the co					O LIST			CLIENT NR.: PRD-AIC-LIS-003		REV.: 3
	DEV	TAGNI	050//05	ANALOG	ANALOG		DIGITAL	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)	DEMOTE	NOTES
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1118	3	PIT-940020	COOLING WATER - CHILLED WATER GEN. (HVAC)	1	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1119	3	SC-940046	PUMP PC-7A-9							7A-M-0-5-42	(7A-I-0-3-24)	9W-A3009-1	PROFINET
1110	Ŭ	00 010010	1 31111 1 3 77. 3							77(10) 0 0 12	7A-I-0-3-08		TROFINET
1120	3	XA-SC-940046.1	STATUS VFD (ON OFF)							7A M 0 5 42	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	6
1121	3	XA-SC-940046.2	FAULT VED OVER CURRENT (ALARM)							7A M 0 5 42	(7A-I-0-3-24)	SW A3000 1	6
			, ,								7A-I-0-3-08		
1122	3	XA-SC-940046.3	FAULT VED ROTOR LOCKED (ALARM)							7A M 0 5 42	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	6
				-				-			(7A-I-0-3-24)		
1123	3	XA-SC-940046.4	FAULT VFD SUB VOLTACE (ALARM)							7A M 0 5 42	7A-I-0-3-24)	SW A3000 1	- 6
				-				-			(7A-I-0-3-24)		
1124	3	XA-SC-940046.5	FAULT VED NO PHASE (ALARM)							7A M 0 5 42	7A-I-0-3-24)	SW A3000 1	6
										<u> </u>	(7A-I-0-3-06)		
1125	3	XA-SC-940046.6	FAULT VED GROUND FAILURE (ALARM)							7A M 0 5 42	7A-I-0-3-24)	SW A3000 1	6
										<u> </u>	(7A-I-0-3-08		
1126	3	XA-SC-940046.7	FAULT VED FAILURE COMUNICATION (ALARM)							7A M 0 5 42	7A-I-0-3-24)	SW A3000 1	6
										<u> </u>	(7A-I-0-3-08		
1127	3	XA-SC-940046.8 ———	FAULT VED CURRENT MOTOR (FACEPLATE)							7A M 0 5 42	7A-I-0-3-08	SW A3000 1	6
											(7A-I-0-3-08		
1128	3	XA-SC-940046.9 ———	FAULT VFD SPEED MOTOR (FASEPLATE)							7A M 0 5 42	7A-I-0-3-08	GW-A3009-1	0
											(7A-I-0-3-24)		
1129	3	HS-SC-940046.1	LOCK SWITCH VFD PUMP			1	_	_	-	7A-M-0-5-42	7A-I-0-3-08	RM-A3009-1	DRY CONTACT
1130	3	SC-940040	COOLING TOWER CT-7A-1	_	_	_	_	_	1	7A-M-0-5-42	(7A-I-0-3-24)	SW-A3009-1	PROFINET
									·		7A-I-0-3-08 (7A-I-0-3-24)		
1131	3	XA-SC-940040.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-42	7A-I-0-3-08	SW-A3009-1	6
1132	3	XA-SC-940040.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1133	3	XA-SC-940040.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1134	3	XA-SC-940040.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	_	-	7A-M-0-5-42	(7A-I-0-3-24)	SW-A3009-1	6
			` ,								7A-I-0-3-08 (7A-I-0-3-24)		
1135	3	XA-SC-940040.5	FAULT VFD NO PHASE (ALARM)	-		-	-	-	-	7A-M-0-5-42	7A-I-0-3-08	SW-A3009-1	6
1136	3	XA-SC-940040.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1137	3	XA-SC-940040.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1138	3	XA-SC-940040.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1139	3	XA-SC-940040.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6

	TES enge	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 61 / 87 REV.: 3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1140	3	HS-SC-940040.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	DRY CONTACT
1141	3	SC-940047	PUMP PC-7A-2	-	-	-	-	-	1	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	PROFINET
1142	3	XA-SC-940047.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1143	3	XA-SC-940047.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1144	3	XA-SC-940047.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1145	3	XA-SC-940047.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1146	3	XA-SC-940047.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1147	3	XA-SC-940047.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1148	3	XA-SC-940047.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1149	3	XA-SC-940047.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1150	3	XA-SC-940047.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1151	3	HS-SC-940047.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	DRY CONTACT
1152	3	SC-940041	COOLING TOWER CT-7A-2	-	-	-	-	-	1	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	PROFINET
1153	3	XA-SC-940041.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1154	3	XA-SC-940041.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1155	3	XA-SC-940041.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1156	3	XA-SC-940041.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1157	3	XA-SC-940041.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1158	3	XA-SC-940041.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1159	3	XA-SC-940041.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1160	3	XA-SC-940041.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1161	3	XA-SC-940041.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-		-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6

				TITLE:							DOC NR.:		SHEET.:
	Γ€S	SLER IPS	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003		62 / 87
	n g e	nnaria	Empresa trassife as de hiera chen actor a disconscione di					O LIST			CLIENT NR.: PRD-AIC-LIS-003		REV.: 3
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK				
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT		OUTPUT DO	SUPPLY PS	PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1162	3	HS-SC-940041.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	DRY CONTACT
1163	3	SC-940048	PUMP PC-7A-1	-	-	-	-	-	1	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	PROFINET
1164	3	XA-SC-940048.1	STATUS VFD (ON-OFF)	1	-	-	-	-		7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1165	3	XA-SC-940048.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	•	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1166	3	XA-SC-940048.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1167	3	XA-SC-940048.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1168	3	XA-SC-940048.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1169	3	XA-SC-940048.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1170	3	XA-SC-940048.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1171	3	XA-SC-940048.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1172	3	XA-SC-940048.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1173	3	HS-SC-940048.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	DRY CONTACT
1174	3	SC-940042 ———	COOLING TOWER CT 7A 3						1	7A M 0 5 42	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	PROFINET
1175	3	XA-SC-940042.1	STATUS VFD (ON OFF)							7A M 0 5 42	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	€
1176	3	XA-SC-940042.2	FAULT VED OVER CURRENT (ALARM)							7/1 M 0 5 42	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	
1177	3	XA-SC-940042.3	FAULT VED ROTOR LOCKED (ALARM)							7A M 0 5 42	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	-
1178	3	XA-SC-940042.4 ———	FAULT VED SUB VOLTACE (ALARM)							7A M 0 5 42	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	6
1179	3	XA-SC-940042.5	FAULT VED NO PHASE (ALARM)							7A M 0 5 42	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	6
1180	3	XA-SC-940042.6	EAULT VED GROUND FAILURE (ALARM)							7A.M.0 5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	6
1181	3	XA-SC-940042.7	FAULT VED FAILURE COMUNICATION (ALARM)							7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3000-1	6
1182	3	XA-SC-940042.8	FAULT VED CURRENT MOTOR (FACEPLATE)							7A M 0 5 42	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	6
1183	3	XA-SC-940042.9	FAULT VED SPEED MOTOR (FASEPLATE)							7A M 0 5 42	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	6
1184	3	HS-SC-940042.1	LOCK SWITCH VFD PUMP			1				7A M 0 5 42	(7A-I-0-3-24) 7A-I-0-3-08	RM A3000 1	DRY CONTACT

	T ES : n g e	SLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 63 / 87 REV.: 3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
ID	REV	TAG Nr.	SERVICE	Al	AO	DI	DO	PS	COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1185	3	XY-940081	CT-7A-1 WATER DRAIN - Ø1"	-	-	-	1	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1186	3	XY-940083	CT-7A-2 WATER DRAIN - Ø1"	-	-	-	1	-	-	7A-M-0-5-42	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1187	3	XY-940085	CT 7A 3 WATER BRAIN ##				1			7A M 0 5 42	(7A-I-0-3-24) 7A-I-0-3-08	RM A3003-1	
1188	3	FIT-960001	CHILLED WATER - SUPPLY BUILDING 7A	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1189	3	FIT-960006	CHILLED WATER - SUPPLY BUILDING 7B	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1190	3	FIT-960062	COOLING WATER - COOLING TOWERS - CH-7A-1	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1191	3	FIT-960064	COOLING WATER - COOLING TOWERS - CH-7A-2	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1192	3	FIT-960066 ———	COOLING WATER COOLING TOWERS CH 7A 3	1						7A M 0 5 43	(7A-I-0-3-24) 7A-I-0-3-08	RM A3000 1	
1193	3	FIT-960075	COOLING WATER - COOLING TOWERS - CH-7A-1	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1194	3	FIT-960076	COOLING WATER - COOLING TOWERS - CH-7A-2	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1195	3	FIT-960077 ———	COOLING WATER COOLING TOWERS OH 7A 3	1						7A M 0 5 43	(7A-I-0-3-24) 7A-I-0-3-08	RM A3000 1	
1196	3	FIT-960085	CHILLED WATER - RETURN BUILDING 7A	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1197	3	FIT-960088	CHILLED WATER - RETURN BUILDING 7B	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1198	3	LSHL-960070	LEVEL SWITCH HIGH / LOW FOR TK-7A-1	-	-	1	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1199	3	LV-960070	INDUSTRIAL WATER FOR TK-7A-1 - MAKE-UP	-	-	-	1	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1200	3	PIT-9600120	CHILLED WATER - SUPPLY BUILDING - CH-7A-1	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1201	3	PIT-9600135	CHILLED WATER - SUPPLY BUILDING - CH-7A-2	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1202	3	PIT-9600150	CHILLED WATER - SUPPLY BUILDING - CH-7A-3	1	_			-	_	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	
1203	3	PIT-960059	CHILLED WATER - SUPPLY BUILDING 7A/7B	1	-	_	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1204	3	PIT-960061	COOLING WATER - COOLING TOWERS - CH-7A-1	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1205	3	PIT-960062	COOLING WATER - COOLING TOWERS - CH-7A-1	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1206	3	PIT-960063	COOLING WATER - COOLING TOWERS - CH-7A-2	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-

	TES	SLER inc		TITLE:			DRIIG	PROD	UCT		DOC NR.: 569-DB7A-AIC-330-003		SHEET.: 64 / 87
	e n g e	SLER ips	Takeda Hemobrás					O LIST			CLIENT NR.: PRD-AIC-LIS-003		REV.:
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1207	3	PIT-960064	COOLING WATER - COOLING TOWERS - CH-7A-2	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1208	3	PIT-960065	COOLING WATER - COOLING TOWERS - CH-7A-3	_				_	_	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	
				_							(7A-I-0-3-24)		†
1209	3	PIT-960066	COOLING WATER - COOLING TOWERS - CH-7A-3				_	_	_	7A-M-0-5-43	7A-I-0-3-08	RM-A3009-1	
1210	3	PIT-960075	COOLING WATER - COOLING TOWERS - CH-7A-1	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1211	3	PIT-960076	COOLING WATER - COOLING TOWERS - CH-7A-2	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1212	3	PIT-960077	COOLING WATER COOLING TOWERS CHIZA 2	4						7A M O E 42	(7A-I-0-3-24)	DM 42000 4	
1212	ٽ	111-300011	OGENO WITER GOLLING TOWERS OF THE	'						77(10) 0 0 10	7A-I-0-3-08	144776000 1	
1213	3	PIT-960085	CHILLED WATER - RETURN BUILDING 7A	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1214	3	PIT-960088	CHILLED WATER - RETURN BUILDING 7B	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1215	3	PV-960059	BY PASS CHILLED WATER - CH-7A-1/2/3	-	1	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1216	3	SC-960001	PUMP P-CH-7A-1	-	-	-	-	-	1	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	PROFINET
1217	3	XA-SC-960001.1	STATUS VFD (ON-OFF)	ı	-	-	-	ı	•	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1218	3	XA-SC-960001.2	FAULT VFD OVER CURRENT (ALARM)	1	-	-	-	1	•	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1219	3	XA-SC-960001.3	FAULT VFD ROTOR LOCKED (ALARM)	ı	-	-	-	ı	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1220	3	XA-SC-960001.4	FAULT VFD SUB VOLTAGE (ALARM)	ı	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1221	3	XA-SC-960001.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1222	3	XA-SC-960001.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1223	3	XA-SC-960001.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1224	3	XA-SC-960001.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1225	3	XA-SC-960001.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1226	3	HS-SC-960001.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	DRY CONTACT
1227	3	SC-960002	PUMP P-CH-7A-2	-	-	-	-	-	1	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	PROFINET
1228	3	XA-SC-960002.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1229	3	XA-SC-960002.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6

	Г∈⊆ : n g ∈	SSLER ips	Takeda Hemobrás Takeda Ta	TITLE:				S PROD O LIST			DOC NR:: 569-DB7A-AIC-330-003 CLIENT NR:: PRD-AIC-LIS-003		SHEET.: 65 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1230	3	XA-SC-960002.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1231	3	XA-SC-960002.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1232	3	XA-SC-960002.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1233	3	XA-SC-960002.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1234	3	XA-SC-960002.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1235	3		FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08 (7A-I-0-3-24)	SW-A3009-1	6
1236			FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-43	7A-I-0-3-24) 7A-I-0-3-08 (7A-I-0-3-24)	SW-A3009-1	6
1237			LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7A-M-0-5-43	7A-I-0-3-08 (7A-I-0-3-24)	RM-A3009-1	DRY CONTACT
1238	3	SC-960003	1 OMP 1 OH 7/CO							77. W 0 5 40	7A-I-0-3-08	SW 7,0000 1	TROFINE
1239	3	XA-SC-960003.1	STATUS VFD (ON-OFF)	_				_	_	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	9W-A3009-1	0
1240	3	XA-SC-960003.2	FAULT VFD OVER CURRENT (ALARM)	_			_	_	-	7A-M-0-5-43	(7A-I-0-3-06 (7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	0
1241	3	XA-SC-960003.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	<u>-</u>	_	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	ô
1242	3	XA-SC-960003.4	FAULT VED SUB VOLTACE (ALARM)							7A M 0 5 43	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	€
1243	3	XA-SC-960003.5	FAULT VED NO PHASE (ALARM)							7A M 0 5 43	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	-
1244	3	XA-SC-960003.6	FAULT VED GROUND FAILURE (ALARM)	_		-	_	_	_	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	3W-A3009-1	0
1245		XA-SC-960003.7	FAULT VED FAILURE COMUNICATION (ALARM)	-	-	-	_	_	_	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08 (7A-I-0-3-24)	SW-A3009-1	0
1246	3	XA-SC-960003.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	_	_		_	_	_	7A-M-0-5-43	7A-I-0-3-08	3W-A3009-1	0
1247	3	XA-SC-960003.9	FAULT VFD SPEED MOTOR (FACEPLATE)							7A M 0 5 43	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	£
1248	3	HS-SC-960003.1	LOCK SWITCH VFD PUMP			1				7A M 0 5 43	(7A-I-0-3-24) 7A-I-0-3-08	RM A3000 1	DRY CONTACT
1249	3	TIT-9600120	CHILLED WATER - SUPPLY BUILDING - CH-7A-1	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1250	3	TIT-9600135	CHILLED WATER - SUPPLY BUILDING - CH-7A-2	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1251	3	TIT-9600150	CHILLED WATER - SUPPLY BUILDING - CH 7A 9	1						7A M 0 5 43	(7A-I-0-3-24) 7A-I-0-3-08	RM A0000 1	
1252	3	TIT-960041	CHILLED WATER - SUPPLY BUILDING 7A	1	,	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-06 (7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-

				TITLE:							DOC NR.:		SHEET.:
	T∈⊆	SLER ips	Takeda Hemobrás				DRUG	PROD	UCT		569-DB7A-AIC-330-003		66 / 87
	e n g e	nharia 193	Empresa brasale en de hemodernados e bistoroxiogas					O LIST			CLIENT NR.: PRD-AIC-LIS-003		REV.: 3
	DEM	TAGNI	050//05	ANALOG			DIGITAL	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)	DEMOTE	NOTES
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1253	3	TT-960006	CHILLED WATER - SUPPLY BUILDING 7B	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1254	3	TT-960085	CHILLED WATER - RETURN BUILDING 7A	1	-	1	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1255	3	TT-960088	CHILLED WATER - RETURN BUILDING 7B	1	-	ı	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1256	3	TIT-960061	COOLING WATER - COOLING TOWERS - CH-7A-1	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1257	3	TIT-960063	COOLING WATER - COOLING TOWERS - CH-7A-2	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1258	3	TIT-960062	COOLING WATER - COOLING TOWERS - CH-7A-1	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1259	3	TIT-960064	COOLING WATER - COOLING TOWERS - CH-7A-2	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1260	3	TIT-960065	COOLING WATER COOLING TOWERS OH 7A 3	1						7∧ M 0 5 43	(7A-I-0-3-24) 7A-I-0-3-08	RM A3000-1	
1261	3	TIT-960066 ———	COCLING WATER - COCLING TOWERS - CH-7A-3	1	_	_	_	_	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	
1262	3	TIT-960075	COOLING WATER - COOLING TOWERS - CH-7A-1	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-06 (7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1263	3	TIT-960076	COOLING WATER - COOLING TOWERS - CH-7A-2	1	-	-	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1264	3	TIT-960077 ———	COOLING WATER COOLING TOWERS CH 7A 3	1						7A M 0 5 43	(7A-I-0-3-24) 7A-I-0-3-08	RM A3000-1	
1265	3	XY-960001	CHILLED WATER - SUPPLY BUILDING - CH-7A-1 - Ø8"	-	-	-	1	-	-	7A-M-0-5-43	(7A-I-0-3-08 (7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1266	3	XZSH-9600120	CHILLED WATER - SUPPLY BUILDING - CH-7A-1 - Ø8"	-	-	1	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1267	3	XZSL-9600120	CHILLED WATER - SUPPLY BUILDING - CH-7A-1 - Ø8"	1	-	1	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1268	3	XY-960002	CHILLED WATER - SUPPLY BUILDING - CH-7A-2 - Ø8"	-	-	-	1	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1269	3	XZSH-9600135	CHILLED WATER - SUPPLY BUILDING - CH-7A-2 - Ø8"	-	-	1	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1270	3	XZSL-9600135	CHILLED WATER - SUPPLY BUILDING - CH-7A-2 - Ø8"	-	-	1	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1271	3	XY-960003 ———	CHILLED WATER SUPPLY BUILDING CH 7A 3 Ø9"				-1			7AM0543	(7A-I-0-3-24) 7A-I-0-3-08	RM A3000 1	+
1272	3	XZSH-9600150	CHILLED WATER - SUPPLY DUILDING - CH-7A-3 - Ø6"	_		1	_	_	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	
1273	3	XZSL-9600150	CHILLED WATER - SUPPLY DUILDING - CH-7A-3 - Ø6"	_	_	1	_	_	_	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	

				TITLE:							DOC NR.:		SHEET.:
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	nge	SLER PS	Takeda Hemobrás								CLIENT NR.:		REV.:
								O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT	ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
		17.0 1	02.000	Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
1274	3	XY-960004	COOLING WATER - COOLING TOWERS - CH-7A-1 - Ø10"	-	-	-	1	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1275	3	XZSH-960004	COOLING WATER - COOLING TOWERS - CH-7A-1 - Ø12"	-	-	1	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1276	3	XZSL-960004	COOLING WATER - COOLING TOWERS - CH-7A-1 - Ø12"	-	-	1	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1277	3	XY-960005	COOLING WATER - COOLING TOWERS - CH-7A-2 - Ø10"	-	-	-	1	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1278	3	XZSH-960005	COOLING WATER - COOLING TOWERS - CH-7A-2 - Ø12"	-	-	1	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1279	3	XZSL-960005	COOLING WATER - COOLING TOWERS - CH-7A-2 - Ø12"	-	-	1	-	-	-	7A-M-0-5-43	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1280	3	XY-960006 ———	COOLING WATER COOLING TOWERS OH 7A S Ø10"				1		_	7A M 0 5 43	(7A-I-0-3-24) 7A-I-0-3-08	RM A3009 1	
1281	3	XZSH-960006 ———	COOLING WATER COOLING TOWERS CH 7A 3 Ø12"			1				7A M 0 5 43	(7A-I-0-3-24) 7A-I-0-3-08	PM A3000 1	
1282	3	XZSL-960006	COOLING WATER COOLING TOWERS CH 7A.3 Ø12"			-1				7A M 0 5 43	(7A-I-0-3-24) 7A-I-0-3-08	RM A3000 1	
1283	3	PDIT-960001	WATER SUPPLY AND RETURN BUILD 7A	-	-	1	-	-	-	7A-M-0-5-44	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1284	3	SC-960001 ——	GEGONDARY PUMP P CH 7A-4	_		_			1	7A M 0-5-44	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3003-1	PROFINET
1285	3	XA-SC-960001.1	STATUS VED (ON OFF)	_		_		_	_	7A-M-0-5-44	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3003-1	6
1286	3	XA-SC-960001.2	FAULT VFD OVER CURRENT (ALARM)	_				_	_	7A-M-0-5-44	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	0
1287	3	XA-SC-960001.3	FAULT VFD ROTOR LOCKED (ALARM)							7A M 0 5 44	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	6
1288	3	XA-SC-960001.4	FAULT VFD SUB VOLTACE (ALARM)							7A M 0 5 44	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	6
1289	3	XA-SC-960001.5	FAULT VED NO PHASE (ALARM)							7AM0544	(7A-I-0-3-24) 7A-I-0-3-08	SW A3009-1	6
1290	3	XA-SC-960001.6	FAULT VFD GROUND FAILURE (ALARM)							7AM0544	(7A-I-0-3-24) 7A-I-0-3-08	SW A3009 1	6
1291	3	XA-SC-960001.7	FAULT VED FAILURE COMUNICATION (ALARM)	-			_	-	-	7A-M-0-5-44	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	0
1292	3	XA-SC-960001.8	FAULT VED CURRENT MOTOR (FACEPLATE)							7A M 0 5 44	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	€
1293	3	XA-SC-960001.9	FAULT VFD SPEED MOTOR (FACEPLATE)							7A M 0 5 44	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	6

				TITLE:							DOC NR.:		SHEET.:
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1	e n g e	nharia 193	Transcende Composition in the format of the control					O LIST			CLIENT NR.: PRD-AIC-LIS-003		REV.: 3
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	1	 		3
ID	REV	TAG Nr.	SERVICE	INPUT	OUTPUT		OUTPUT	SUPPLY	PONTS	P&ID N°	(WIRING DIAGRAMS)	REMOTE	NOTES
				AI	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
1294	3	HS-SC-960001.1	LOCK CWITCH VED DUMP			_ ,				74 14 0 5 44	(7A-I-0-3-24)	DM 42000 4	DDV CONTACT
1254		110-00-90001.1	LOOK GWITGIT VI B I GIVII							//\ \\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	7A-I-0-3-08	NW-A0000-1	DITT CONTINCT
1295	3	SC-960053	SECONDARY PUMP P-CH-7A-5	-	-	- 1	-	-	1	7A-M-0-5-44	(7A-I-0-3-24)	SW-A3009-1	PROFINET
											7A-I-0-3-08 (7A-I-0-3-24)		
1296	3	XA-SC-960053.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-44	7A-I-0-3-08	SW-A3009-1	6
400=		· · · · · · · · · · · · · · · · · · ·									(7A-I-0-3-24)	014/ 40000 /	
1297	3	XA-SC-960053.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-44	7A-I-0-3-08	SW-A3009-1	6
1298	3	XA-SC-960053.3	FAULT VFD ROTOR LOCKED (ALARM)	_	_	_	_	_	_	7A-M-0-5-44	(7A-I-0-3-24)	SW-A3009-1	6
1230	٦	XA-00-300033.3	TAGET VI B NOTON EGGNED (ALANNI)							7 A-IVI-0-3-44	7A-I-0-3-08	3W-A3009-1	0
1299	3	XA-SC-960053.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	- 1	-	-	_	7A-M-0-5-44	(7A-I-0-3-24)	SW-A3009-1	6
			` '								7A-I-0-3-08 (7A-I-0-3-24)		
1300	3	XA-SC-960053.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-44	7A-I-0-3-08	SW-A3009-1	6
	_										(7A-I-0-3-24)		
1301	3	XA-SC-960053.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-44	7A-I-0-3-08	SW-A3009-1	6
1302	3	XA-SC-960053.7	FAULT VFD FAILURE COMUNICATION (ALARM)	_	_	_	_	_	_	7A-M-0-5-44	(7A-I-0-3-24)	SW-A3009-1	6
1302	٦	XA-30-300033.7	TAGET VI DI ALCINE COMONICATION (ALANIM)	_						7 A-IVI-0-3-44	7A-I-0-3-08	544-73009-1	0
1303	3	XA-SC-960053.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	- 1	- 1	-	-	_	7A-M-0-5-44	(7A-I-0-3-24)	SW-A3009-1	6
			`								7A-I-0-3-08 (7A-I-0-3-24)		
1304	3	XA-SC-960053.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-44	7A-I-0-3-08	SW-A3009-1	6
											(7A-I-0-3-24)	5.1. 1.2.2.	
1305	3	HS-SC-960053.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7A-M-0-5-44	7A-I-0-3-08	RM-A3009-1	DRY CONTACT
1306	3	SC-960006	CECONDARY PUMP P. CULZP.C						,	74.14.0.5.44	(7A-I-0-3-24)	0141 4 0 0 0 0 4	DDOEINET
1300	3	30-900000	OLOGNOAICT OWN T OFF 75-0	_				_	'	77 - IVI - O - O - T - T	7A-I-0-3-08	OVV-7,5003-1	TROTINET
1307	3	XA-SC-960006.1	STATUS VFD (ON-OFF)	_			_	_	_	7A-M-0-5-44	(7A-I-0-3-24)	3W-A3009-1	ô
			,								7A-I-0-3-08 (7A-I-0-3-24)		
1308	3	XA-SC-960006.2	FAULT VFD OVER CURRENT (ALARM)	_	-	-	_	_	_	7A-M-0-5-44	7A-I-0-3-08	3W-A3009-1	0
											(7A-I-0-3-06)	2111 1 2 2 2 2 1	
1309	3	XA-SC-960006.3	PAULT VPD KOTOK LOOKED (ALAKIVI)	-			-	-	-	/ A-IVI-U-3-44	7A-I-0-3-08	3W-A3009-1	0
1310	3	XA-SC-960006.4								74-14-0-2-44	(7A-I-0-3-24)	\$_A\$000_i	
1310	٥	AA-30-300000.4	PAULT VED SUB VOLTAGE (ALAKIVI)	_	_	_	_			/ A-IVI-U-3-44	7A-I-0-3-08	3VV-A3009-1	0
1311	3	XA-SC-960006.5	FAULT VED NO PHASE (ALAKIVI)	-	-	-	-	-	-	/ A-IVI-U-5-44	(7A-I-0-3-24)	SW-A3009-1	0
			(,		ļ	<u> </u>		-			7A-I-0-3-08		
1312	3	XA-SC-960006.6	FAULT VFD GROUND FAILURE (ALARM)	_	-	-	-	-	_	7A-M-0-5-44	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	0
	_				 	 		 			(7A-I-0-3-08	OW 40000 4	_
1313	3	XA-SC-960006.7	FAULT VFD FAILURE COMUNICATION (ALARM)	_						7A-M-0-5-44	7A-I-0-3-08	3W-A3009-1	0

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 	nge	SLER IPS	Takeda Hemobrás								CLIENT NR.:		REV.:
			Unique travelle se de hemocinhados e biotechio da					O LIST			PRD-AIC-LIS-003		3
						DIGITAL		POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1314	3	XA-SC-960006.8									(7A-I-0-3-24)	0 111 1 0 0 0 0	_
1314	<u>ي</u>	XA-3C-900000.0	FAULT VED CURRENT MOTOR (FACEPLATE)	-	-		-	_	_	/ A-IVI-U-3-44	7A-I-0-3-08	3VV-A3009-1	0
1315	3	XA-SC-960006.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-		-		7 A-IVI-0-3-44	(7A-I-0-3-24)	SW-A3009-1	- ô
1010	Ŭ	XA 00 000000.0	THOSE VID OF EED MOTOR (FROEF EXTE)							77(W 0 0 44	7A-I-0-3-08		Ů
1316	3	HS-SC-960006.1	LOCK SWITCH VFD PUIVIP	-	-		-	-	-	7 A-IVI-U-5-44	(7A-I-0-3-24)	RIVI-A3009- i	DRY CONTACT
.0.0										.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7A-I-0-3-08		
1317	3	SC-960055	SECONDARY PUMP P-CH-7B-7	-	-	-	-	-	1	7A-M-0-5-44	(7A-I-0-3-24)	SW-A3009-1	PROFINET
									-		7A-I-0-3-08		
1318	3	XA-SC-960055.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-44	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1319	3	XA-SC-960055.2	FAULT VFD OVER CURRENT (ALARM)	-			_			7A-M-0-5-44	(7A-I-0-3-24)	SW-A3009-1	6
1319	3	XA-30-900033.2	TAGET VI DOVER CORRENT (ALARM)	_	_	_	_	_		7 A-101-0-3-44	7A-I-0-3-08	3W-A3009-1	0
1320	3	XA-SC-960055.3	FAULT VFD ROTOR LOCKED (ALARM)	_	_	_	_	_	_	7A-M-0-5-44	(7A-I-0-3-24)	SW-A3009-1	6
1020	3	XA-00-900033.3	TAGET VI B NOTON LOONED (ALANIII)						_	77A-WI-0-3- 44	7A-I-0-3-08		O .
1321	3	XA-SC-960055.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-44	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1322	3	XA-SC-960055.5	FAULT VFD NO PHASE (ALARM)	-	-	_	-	-	-	7A-M-0-5-44	(7A-I-0-3-24)	SW-A3009-1	6
	_		(,								7A-I-0-3-08		
1323	3	XA-SC-960055.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-44	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
											(7A-I-0-3-06		
1324	3	XA-SC-960055.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-44	7A-I-0-3-08	SW-A3009-1	6
											(7A-I-0-3-24)		
1325	3	XA-SC-960055.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-44	7A-I-0-3-08	SW-A3009-1	6
											(7A-I-0-3-24)		_
1326	3	XA-SC-960055.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-44	7A-I-0-3-08	SW-A3009-1	6
1327	3	HS-SC-960055.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7A-M-0-5-44	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	DRY CONTACT
											(7A-I-0-3-06		
1328	3	FIT-980056	COOLING WATER - COOLING TOWERSPCH-7A-1	1	-	-	-	-	-	7A-M-0-5-45	7A-I-0-3-08	RM-A3009-1	-
											(7A-I-0-3-24)	D	
1329	3	FIT-980057 ———	COOLING WATER COOLING TOWERCOOH 7A 2	1						7A M 0 5 45	7A-I-0-3-08	RM A2000 1	
4055										74.14.0.7.45	(7A-I-0-3-24)	DM 40000 /	
1330	3	FIT-980060	DISTRIBUTION SYSTEM - CHILLED GLYCOL FOR BT-7A-1	1	-	-	-	-	-	7A-M-0-5-45	7A-I-0-3-08	RM-A3009-1	-
1001			OLYGOL FOR ROLL TA 4							74.14.0.7.45	(7A-I-0-3-24)	DM 40000 /	
1331	3	FIT-980075	GLYCOL FOR PCH-7A-1	1	-	-	-	-	-	7A-M-0-5-45	7A-I-0-3-08	RM-A3009-1	-
1222	2	EIT 000077	CLVCOL FOR DCH 7A 2							70 M 0 5 45	(7A-I-0-3-24)	DM 42000 1	
1332	3	FIT-980077	ISLACUL FUR PUR IN 1							//\ W U b //b	7A-I-0-3-08	NW 7.3000 1	

	TES	SSLER ips	Takeda Hemobrás	TITLE:			DRUG	PROD	UCT		DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.:		SHEET.: 70 / 87 REV.:
	: II G E		Emprisa brasile as de hom a derivados e la otacinología				I/	O LIST			PRD-AIC-LIS-003		3
					ANALOG			POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1333	3	LIT-980051	BUFFER TANK	1	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1334	3	LIT-980052	BUFFER TANK	1	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1335	3	PIT-980052	COOLING WATER - COOLING TOWERSPCH-7A-1	1	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1336	3	PIT-980053 ———	COCLING WATER COCLING TOWERSPOH 7A 2	1						7A M 0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	
1337	3	PIT-980056	COOLING WATER - COOLING TOWERSPCH-7A-1	1	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1338	3	PIT-980057	COOLING WATER COOLING TOWERSPOH 7A 2	1						7∧ M 0 5 45	(7A-I-0-3-24) 7A-I-0-3-08	RM A3000 1	
1339	3	PIT-980060	DISTRIBUTION SYSTEM - CHILLED GLYCOL FOR BT-7A-1	1	,	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-08 (7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1340	3	PIT-980075	GLYCOL FOR PCH-7A-1	1	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1341	3	PIT-980077	CLYCOL FOR PCH 7A 2	1						7A M 0 5 45	(7A-I-0-3-24) 7A-I-0-3-08	PM A3000 1	
1342	3	PIT-980080	GLYCOL DO PCH-7A-1 FOR BT-7A-1	1	-	-	-	1	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1343	3	PIT-980083	GLYCOL DO PCH-7A-2 FOR BT-7A-1	_		_	_		_	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	
1344	3	SC-980063	CENTRIFUGAL PUMP P-PCH-7A-1	-	-	-	-	-	1	7A-M-0-5-45	(7A-I-0-3-06 (7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	PROFINET
1345	3	XA-SC-980063.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1346	3	XA-SC-980063.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1347	3	XA-SC-980063.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1348	3	XA-SC-980063.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1349	3	XA-SC-980063.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1350	3	XA-SC-980063.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1351	3	XA-SC-980063.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1352	3	XA-SC-980063.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1353	3	XA-SC-980063.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1354	3	HS-SC-980063.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	DRY CONTACT
1355	3	SC-980064 ———	CENTRIFUCAL PUMP P PCH 7A 2						1	7A M 0 5 45	(7A-I-0-3-24) 7A-I-0-3-08	SW A3000 1	PROFINET

	ΓES	SSLER ips		TITLE:			DRIIG	PROD	UCT		DOC NR.: 569-DB7A-AIC-330-003		SHEET.: 71 / 87
■	nge	inharia II 93	Takeda Hemobrás					O LIST			CLIENT NR.: PRD-AIC-LIS-003		REV.: 3
		71011	050//05		ANALOG		DIGITAL	POWER	NETWORK	P&ID N°	(WIRING DIAGRAMS)		
ID	REV	TAG Nr.	SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	PONTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1356	3	XA-SC-980064.1	STATUS VED (ON OFF)							70 M O E 45	(7A-I-0-3-24)	CW A2000 4	
1000	,	AA-3C-300004.1	OM ON ON O							77(10) 0 0 10	7A-I-0-3-08	OV 7,0000 1	
1357	3	XA-SC-980064.2	FAULT VFD OVER CURRENT (ALARM)	_	_		_	_	_	7A-M-0-5-45	(7A-I-0-3-24)	SW-A3009-1	0
1001		7.1.1.0.0.0000 III.2	7.021 77 5 6 721 7 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7							77111 0 0 10	7A-I-0-3-08		ŭ
1358	3	XA-SC-980064.3	FAULT VED ROTOR LOCKED (ALARM)							7A M 0 5 45	(7A-I-0-3-24)	CW A3000 1	C
			,								7A-I-0-3-08		
1359	3	XA-SC-980064.4	FAULT VED SUB VOLTAGE (ALARM)							7A M 0 5 45	(7A-I-0-3-24)	SW-A3009-1	0
			(,								7A-I-0-3-08		
1360	3	XA-SC-980064.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	_	7A-M-0-5-45	(7A-I-0-3-24)	SW-A3009-1	- O
			· · · ·								7A-I-0-3-08 (7A-I-0-3-24)		
1361	3	XA-SC-980064.6	FAULT VFD GROUND FAILURE (ALARM)	_	-	-	_	_	-	7A-M-0-5-45	7A-I-0-3-08	SW-A3009-1	0
											(7A-I-0-3-24)		
1362	3	XA-SC-980064.7	FAULT VED FAILURE COMUNICATION (ALARM)						_	7A M 0 5 45	7A-I-0-3-08	SW-A3009-1	- C
											(7A-I-0-3-24)		
1363	3	XA-SC-980064.8	FAULT VED CURRENT MOTOR (FACEPLATE)							7A M 0 5 45	7A-I-0-3-08	SW-A3009-1	
											(7A-I-0-3-06)		
1364	3	XA-SC-980064.9	FAULT VFD SPEED MOTOR (FACEPLATE)	_	_		_	_	_	7A-M-0-5-45	7A-I-0-3-08	SW-A3009-1	0
											(7A-I-0-3-06		
1365	3	HS-SC-980064.1	LOCK SWITCH VFD PUMP		_	1			_	7A-M-0-5-45	7A-I-0-3-24)	RM-A3009-1	DRY CONTACT
											(7A-I-0-3-00		
1366	3	TIT-980052	COOLING WATER - COOLING TOWERSPCH-7A-1	1	-	-	-	-	-	7A-M-0-5-45	7A-I-0-3-08	RM-A3009-1	-
											(7A-I-0-3-24)		
1367	3	TIT-980053 ———	COOLING WATER COOLING TOWERSPOH 7A 2	1						7A M 0 5 45	7A-I-0-3-08	RM A3000 1	
											(7A-I-0-3-24)		
1368	3	TIT-980056	COOLING WATER - COOLING TOWERSPCH-7A-1	1	-	-	-	-	-	7A-M-0-5-45	7A-I-0-3-08	RM-A3009-1	-
	_									70 M O E 4E	(7A-I-0-3-24)	DM 42000 4	
1369	3	TIT-980057 ———	COOLING WATER COOLING TOWERSPOH 7A 2	1						7A M 0 5 45	7A-I-0-3-08	RM A3000 1	
											(7A-I-0-3-24)	D14.40000.4	
1370	3	TIT-980060	DISTRIBUTION SYSTEM - CHILLED GLYCOL FOR BT-7A-1	1	-	-	-	-	-	7A-M-0-5-45	7A-I-0-3-08	RM-A3009-1	-
4074		TIT 000004	01.7001.00.07.74.4.500.01.11.50.001.74.4.40							74 14 0 5 45	(7A-I-0-3-24)	DNA 40000 4	
1371	3	TIT-980061	GLYCOL DO BT-7A-1 FOR CHILLED PCH-7A-1 / 2	1	-	-	-	-	-	7A-M-0-5-45	7A-I-0-3-08	RM-A3009-1	-
4070	_	TIT 000075	OLVOOL FOR POULTA 4							74 14 0 5 45	(7A-I-0-3-24)	DNA 40000 4	
1372	3	TIT-980075	GLYCOL FOR PCH-7A-1	1	-	-	-	-	-	7A-M-0-5-45	7A-I-0-3-08	RM-A3009-1	-
4070	2	TIT 000077	01.7001 500 001174 0	_						74.44.0.5.45	(7A-I-0-3-24)	DM 10000 1	
1373	3	TIT-980077	GETCOLT ON FOII-TA-2						_	/ A-IVI-U-J-4J	7A-I-0-3-08	IVIVI-49009-1	
1374	3	TIT-980080	GLYCOL DO PCH-7A-1 FOR BT-7A-1	4			_	_	_	7A-M-0-5-45	(7A-I-0-3-24)	RM-A3009-1	_
13/4	o	111-900000	GLYCOL DO PCH-7A-1 FOR B1-7A-1	ı	-	-	-	-	-	7 A-IVI-U-3-43	7A-I-0-3-08	RIVI-A3009-1	-
1375	3	TIT-980083	01.7001 DO DOU 74 0 FOD DT 74 4							7A-M-0-5-45	(7A-I-0-3-24)	RM-A3009-1	
1373	3	111-900003	OLICOL DO FOII-TA-2 FOIX DI-TA-1		_	_	_	-	_	7 A-WI-U-J-4J	7A-I-0-3-08	KW-A3009-1	_
1376	3	TIT-980086	DISTRIBUTION SYSTEM - CHILLED GLYCOL 1°C DO BT-7A-1	1	_	_	_	_	_	7A-M-0-5-45	(7A-I-0-3-24)	RM-A3009-1	_
13/0	3	111-300000	SIGNADO HON OTOTEW - OTHERED GETCOL TO DO BT-7A-1	'	_	_	_		-	17-101-0-0 -4 0	7A-I-0-3-08	Kivi-A3008-1	_
1377	3	XY-980056	COOLING WATER - COOLING TOWERSPCH-7A-1 - Ø6"	-	-	_	1	_		7A-M-0-5-45	(7A-I-0-3-24)	RM-A3009-1	_
13//	3	A 1-3000JU	OCCLING WATER - COOLING TOWERSFOIL-14-1 - 100		_	_	'		-	17-101-0-0 -4 0	7A-I-0-3-08	Kivi-A3008-1	_
1378	3	XZSH-980056	COOLING WATER - COOLING TOWERSPCH-7A-1 - Ø6"			1		_		7A-M-0-5-45	(7A-I-0-3-24)	RM-A3009-1	_
1370		AEO11 000000	OSSERIO INTER SOSERIO TOWERON OFFIN-1-100			_ '				77. W 0 0-40	7A-I-0-3-08	130173000-1	
1379	3	XZSL-980056	COOLING WATER - COOLING TOWERSPCH-7A-1 - Ø6"	_	_	1	_	_	_	7A-M-0-5-45	(7A-I-0-3-24)	RM-A3009-1	_
.5, 5			2002								7A-I-0-3-08		
1380	3	XY-980057 ———	COOLING WATER COOLING TOWERSPORT 7A 2 GG"				4			7A M 0 5 45	(7A-I-0-3-24)	RM A3000 1	
	~										7A-I-0-3-08		

	Γ ∈⊆ n g ∈	SLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.:		SHEET.: 72 / 87 REV.:
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT AO			POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	PRD-AIC-LIS-003 (WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1381	3	XZSH-980057	COOLING WATER COOLING TOWERSPORT 7A 2 - ØG"			1				7A M 0 5 45	(7A-I-0-3-24)	RM A3000 1	
											7A-I-0-3-08 (7A-I-0-3-24)		+
1382	3	XZSL-980057	COOLING WATER - COOLING TOWERSPEH-7A-2 - 90"	_	_			_	_	7A-M-0-5-45	7A-I-0-3-08	RM-A3009-1	
1383	3	XY-980080	GLYCOL DO PCH-7A-1 FOR BT-7A-1 - Ø4"	-	-	-	1	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1384	3	XZSH-980080	GLYCOL DO PCH-7A-1 FOR BT-7A-1 - Ø4"	-	-	1	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1385	3	XZSL-980080	GLYCOL DO PCH-7A-1 FOR BT-7A-1 - Ø4"	-	-	1	-	-	-	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1386	3	XY-980083	GLYCOL DO PCH-7A-2 FOR BT-7A-1 - Ø4"	_	_	_	1	_	_	7A-M-0-5-45	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	
4007		W=011 00000	CLVCOL DO DOU 7A 2 FOR RT 7A 1 Ø4"			4				70 M 0 5 45	(7A-I-0-3-08	PM 42000 1	+
1387	3	XZSH-980083	CLYCOL BOTICH TA 2 FOR BITTA 1 1 1/21							7A M 0 5 45	7A-I-0-3-08	P.M A3000-1	
1388	3	XZSL-980083	CLYCOL DO PCH 7A 2 FOR BT 7A 1 Ø4"			111				7A M 0 5 45	(7A-I-0-3-24)	RM A3000 1	
1389	3	SC-9800163	CENTRIFUGAL PUMP P-PCH-7A-3	-	-	-	-	-	1	7A-M-0-5-46	7A-I-0-3-08 (7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	PROFINET
1390	3	XA-SC-9800163.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1391	3	XA-SC-9800163.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1392	3	XA-SC-9800163.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1393	3	XA-SC-9800163.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1394	3	XA-SC-9800163.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1395	3	XA-SC-9800163.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1396	3	XA-SC-9800163.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1397	3	XA-SC-9800163.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1398	3	XA-SC-9800163.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1399	3	HS-SC-9800163.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	DRY CONTACT
1400	3	SC-9800164	CENTRIFUGAL PUMP P-PCH-7A-4	-	-	-	-	-	1	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	PROFINET
1401	3	XA-SC-9800164.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1402	3	XA-SC-9800164.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1403	3	XA-SC-9800164.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1404	3	XA-SC-9800164.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1405	3	XA-SC-9800164.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6

	Г∈⊆ : n g ∈	SSLER ips	Takeda Hemobrás	TITLE:				PROD			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.:		SHEET.: 73 / 87
							_	O LIST			PRD-AIC-LIS-003		3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1406	3	XA-SC-9800164.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1407	3	XA-SC-9800164.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1408	3	XA-SC-9800164.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	1	1	-	-	1		7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1409	3	XA-SC-9800164.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	SW-A3009-1	6
1410	3	HS-SC-9800164.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7A-M-0-5-46	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	DRY CONTACT
1411	3	PIT-9700XX01	RE-HEATED WATER RETURN	1	-	-	-	-	-	7A-M-0-5-47	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1412	3	TIT-9700XX03	RE-HEATED WATER RETURN	-	-	1	-	-	-	7A-M-0-5-47	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1413	3	FIT-790317	PLANT STEAM RE-HEATED WATER-HX-7A-1	1	-	-	-	-	-	7A-M-0-5-61	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1414	3	PIT-790101	PLANT STEAM RE-HEATED WATER-HX-7A-1	1	-	-	-	-	-	7A-M-0-5-61	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1415	3	PIT-790311	PLANT STEAM DEAERATOR	1	-	-	-	-	-	7A-M-0-5-61	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1416	3	PIT-790317	PLANT STEAM RE-HEATED WATER-HX-7A-1	1	-	-	-	-	-	7A-M-0-5-61	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1417	3	TT-790317	PLANT STEAM RE-HEATED WATER-HX-7A-1	1	-	-	-	-	-	7A-M-0-5-61	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1418	3	PDIT-970123	RE-HEATED WATER SUPPLY / RETURN 7A	-	-	1	-	-	-	7A-M-0-5-50	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1419	3	PDIT-980163	CHILLED GLYCOL HEADER / CHILLED GLYCOL 1°C HEADER	-	-	1	-	-	-	7A-M-0-5-53	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1420	3	FIT-790312	PLANT STEAM WFI STILL-MÊS-6401 / CLEAN STEAM-CSG-6501	1	-	-	-	-	-	7A-M-0-5-61	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1421	3	FIT-790315	PLANT STEAM RE-HEATED WATER FOR SKID	1	-	-	-	-	-	7A-M-0-5-61	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1422	3	PIT-790312	PLANT STEAM WFI STILL-MÊS-6401 / CLEAN STEAM-CSG-6501	1	-	-	-	-	-	7A-M-0-5-61	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1423	3	PIT-790312	PLANT STEAM WFI STILL-MÊS-6401 / CLEAN STEAM-CSG-6501	1	-	-	-	-	-	7A-M-0-5-61	(7A-I-0-3-24) 7A-I-0-3-08 (7A-I-0-3-24)	RM-A3009-1	-
1424	3	PIT-790315	PLANT STEAM RE-HEATED WATER FOR SKID	1	-	-	-	-	-	7A-M-0-5-61	7A-I-0-3-08	RM-A3009-1	-
1425	3	TT-790312	PLANT STEAM WFI STILL-MÊS-6401 / CLEAN STEAM-CSG-6501	1	-	-	-	-	-	7A-M-0-5-61	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1426	3	TT-790315	PLANT STEAM RE-HEATED WATER FOR SKID	1	-	-	-	-	-	7A-M-0-5-61	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	-
1427	3		ANALIZER O2 ROOM A1030 (LYO TECH)	1	-	-	-	-	-	-	(7A-I-0-3-24) 7A-I-0-3-08 (7A-I-0-3-24)	RM-A3009-1	-
1428			ANALIZER O2 CELING ROOM (LYO TECH)	1	-	-	-	-	-	-	7A-I-0-3-24) 7A-I-0-3-08 (7A-I-0-3-24)	RM-A3009-1	-
1429			HEATING HOT WATER SKID	-	-	-	-	-	1	-	7A-I-0-3-24) 7A-I-0-3-08 (7A-I-0-3-24)	RM-A3009-1	-
1430	3	LI-A2001-1	LEVEL CAUSTIC TANK	1	-	1	-	-	-	-	7A-I-0-3-24)	RM-A3009-1	-

	Г∈⊆ : n g ∈	SSLER ips	Takeda Hemobrás	TITLE:				S PROD O LIST			DOC NR:: 569-DB7A-AIC-330-003 CLIENT NR:: PRD-AIC-LIS-003		SHEET:: 74 / 87 REV.: 3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1431			TOTAL RM-A3009-1	91	1	43	14	2	12				
1432			SYSTEM RM-A3009-1	Al	AO	DI	DO	PS	NETWORK POINTS				
1433			SUB TOTAL RM-A3009-1	91	1	43	14	2	12				
1434			BLACK UTILITIES SYSTEM	Al	AO	DI	DO	PS	NETWORK POINTS				
1435			GENERAL TOTAL BLACK UTILITIES SYSTEM	91	1	43	14	2	12				
1436		ELECTRICAL SYSTEM											
1437	3	TA-7A-13-NO-TR-0-001	HIGHT TEMPERATURE IN TRAFO (13,8/380V)	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	RELAY PROTECTION
1438	3	TA-7A-13-NO-TR-0-002	HIGHT TEMPERATURE IN TRAFO (13,8/380V)	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	RELAY PROTECTION
1439	3	TA-7A-3-U-TR-2-001	HIGHT TEMPERATURE IN TRAFO (380/400V)	1	-	-	-	,	-	7A-E-0-5-02	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	TEMP. TRANSM.
1441	3	7A-QGBT-QA0.1	CIRCUIT BREAK QA0.1	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1442	3	XA-7A-QGBT-QA01-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1443	3	XA-7A-QGBT-QA01-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1444	3	XA-7A-QGBT-QA01-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1445	3	XA-7A-QGBT-QA01-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1446	3	XA-7A-QGBT-QA01-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1447	3	XA-7A-QGBT-QA01-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1448	3	7A-QGBT-QB0.1	CIRCUIT BREAK QB0.1	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1449	3	XA-7A-QGBT-QB01-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1450	3	XA-7A-QGBT-QB01-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1451	3	XA-7A-QGBT-QB01-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1452	3	XA-7A-QGBT-QB01-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1453	3	XA-7A-QGBT-QB01-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1454	3	XA-7A-QGBT-QB01-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1455	3	7A-QGBT-QA0.12	CIRCUIT BREAK QA0.12	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1456	3	XA-7A-QGBT-QA012-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850

	Γ ∈⊆ : n g ∈	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 75 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1457	3	XA-7A-QGBT-QA012-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1458	3	XA-7A-QGBT-QA012-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1459	3	XA-7A-QGBT-QA012-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1460	3	XA-7A-QGBT-QA012-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1461	3	XA-7A-QGBT-QA012-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1462	3	ZS-7A-QGBT-QA0.51	CIRCUIT BREAK QA0.51	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1463	3	XA-7A-QGBT-QA051-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1464	3	XA-7A-QGBT-QA051-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1465	3	XA-7A-QGBT-QA051-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1466	3	XA-7A-QGBT-QA051-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1467	3	XA-7A-QGBT-QA051-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1468	3	XA-7A-QGBT-QA051-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1469	3	7A-QGBT-QA0.40	CIRCUIT BREAK QA0.40	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1470	3	XA-7A-QGBT-QA040-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1471	3	XA-7A-QGBT-QA040-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1472	3	XA-7A-QGBT-QA040-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1473	3	XA-7A-QGBT-QA040-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1474	3	XA-7A-QGBT-QA040-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1475	3	XA-7A-QGBT-QA040-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1476	3	7A-QGBT-QA0.11	CIRCUIT BREAK QA0.11	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1477	3	XA-7A-QGBT-QA011-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1478	3	XA-7A-QGBT-QA011-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1479	3	XA-7A-QGBT-QA011-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1480	3	XA-7A-QGBT-QA011-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1481	3	XA-7A-QGBT-QA011-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850

	T ES : n g e	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 76 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1482	3	XA-7A-QGBT-QA011-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1483	3	7A-QGBT-QA0.9	CIRCUIT BREAK QA0.9	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1484	3	XA-7A-QGBT-QA09-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1485	3	XA-7A-QGBT-QA09-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1486	3	XA-7A-QGBT-QA09-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1487	3	XA-7A-QGBT-QA09-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1488	3	XA-7A-QGBT-QA09-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1489	3	XA-7A-QGBT-QA09-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1490	3	7A-QGBT-QA0.7	CIRCUIT BREAK QA0.7	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1491	3	XA-7A-QGBT-QA07-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1492	3	XA-7A-QGBT-QA07-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1493	3	XA-7A-QGBT-QA07-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1494	3	XA-7A-QGBT-QA07-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1495	3	XA-7A-QGBT-QA07-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1496	3	XA-7A-QGBT-QA07-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1497	3	7A-QGBT-QA0.2	CIRCUIT BREAK QA0.2	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1498	3	XA-7A-QGBT-QA02-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1499	3	XA-7A-QGBT-QA02-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1500	3	XA-7A-QGBT-QA02-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1501	3	XA-7A-QGBT-QA02-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1502	3	XA-7A-QGBT-QA02-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1503	3	XA-7A-QGBT-QA02-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1504	3	7A-QGBT-QA0.3	CIRCUIT BREAK QA0.3	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1505	3	XA-7A-QGBT-QA03-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1506	3	XA-7A-QGBT-QA03-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850

	Γ∈⊆ : n g ∈	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 77 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1507	3	XA-7A-QGBT-QA03-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1508	3	XA-7A-QGBT-QA03-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1509	3	XA-7A-QGBT-QA03-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1510	3	XA-7A-QGBT-QA03-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1511	3	7A-QGBT-QA0.5	CIRCUIT BREAK QA0.5	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1512	3	XA-7A-QGBT-QA05-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1513	3	XA-7A-QGBT-QA05-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1514	3	XA-7A-QGBT-QA05-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1515	3	XA-7A-QGBT-QA05-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1516	3	XA-7A-QGBT-QA05-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1517	3	XA-7A-QGBT-QA05-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1518	3	7A-QGBT-QA0.50	CIRCUIT BREAK QA0.50	1	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1519	3	XA-7A-QGBT-QA050-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1520	3	XA-7A-QGBT-QA05-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1521	3	XA-7A-QGBT-QA05-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1522	3	XA-7A-QGBT-QA05-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1523	3	XA-7A-QGBT-QA05-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1524	3	XA-7A-QGBT-QA05-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1525	3	7A-QGBT-QAB.TIE	CIRCUIT BREAK QAB.TIE	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1526	3	XA-7A-QGBT-QABTIE-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1527	3	XA-7A-QGBT-QABTIE-2	FAULT TRIP CIRCUIT BREAK (ALARM)	1	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1528	3	XA-7A-QGBT-QABTIE-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1529	3	XA-7A-QGBT-QABTIE-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1530	3	XA-7A-QGBT-QABTIE-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1531	3	XA-7A-QGBT-QABTIE-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850

	Γ ∈⊆ : n g ∈	SSLER ips	Takeda Hemobrás Takeda Takeda Hemobrás	TITLE:				PROD			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 78 / 87 REV.: 3
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT AO			POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1532	3	7A-QGBT-QB0.4	CIRCUIT BREAK QB0.4	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1533	3	XA-7A-QGBT-QB04-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	,	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1534	3	XA-7A-QGBT-QB04-2	FAULT TRIP CIRCUIT BREAK (ALARM)	,	,	-	-	-		7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1535	3	XA-7A-QGBT-QB04-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1536	3	XA-7A-QGBT-QB04-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1537	3	XA-7A-QGBT-QB04-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	,	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1538	3	XA-7A-QGBT-QB04-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1539	3	7A-QGBT-QB0.100	CIRCUIT BREAK QB0.100	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1540	3	XA-7A-QGBT-QB0100-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	,	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1541	3	XA-7A-QGBT-QB0100-2	FAULT TRIP CIRCUIT BREAK (ALARM)	,	,	-	-	-		7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1542	3	XA-7A-QGBT-QB0100-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	,	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1543	3	XA-7A-QGBT-QB0100-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	,	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1544	3	XA-7A-QGBT-QB0100-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	,	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1545	3	XA-7A-QGBT-QB0100-6	RATED CURRENT IN DEVICE (FACEPLATE)		ı	ı	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1546	3	7A-QGBT-QB0.11	CIRCUIT BREAK QB0.11	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1547	3	XA-7A-QGBT-QB011-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)		1	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1548	3	XA-7A-QGBT-QB011-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1549	3	XA-7A-QGBT-QB011-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	,	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1550	3	XA-7A-QGBT-QB011-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1551	3	XA-7A-QGBT-QB011-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	,	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1552	3	XA-7A-QGBT-QB011-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1553	3	7A-QGBT-QB0.50	CIRCUIT BREAK QB0.50	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1554	3	XA-7A-QGBT-QB050-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1555	3	XA-7A-QGBT-QB050-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1556	3	XA-7A-QGBT-QB050-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850

	r ∈⊆ nge	SLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		79 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1557	3	XA-7A-QGBT-QB050-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1558	3	XA-7A-QGBT-QB050-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1559	3	XA-7A-QGBT-QB050-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1560	3	7A-QGBT-QB0.12	CIRCUIT BREAK QB0.12	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	7
1561	3	XA-7A-QGBT-QB012-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1562	3	XA-7A-QGBT-QB012-2	FAULT TRIP CIRCUIT BREAK (ALARM)	1	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1563	3	XA-7A-QGBT-QB012-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1564	3	XA-7A-QGBT-QB012-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1565	3	XA-7A-QGBT-QB012-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1566	3	XA-7A-QGBT-QB012-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1567	3	7A-QGBT-QBE.TIE	CIRCUIT BREAK QBE.TIE	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1568	3	XA-7A-QGBT-QBETIE-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	1	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1569	3	XA-7A-QGBT-QBETIE-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1570	3	XA-7A-QGBT-QBETIE-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1571	3	XA-7A-QGBT-QBETIE-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1572	3	XA-7A-QGBT-QBETIE-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1573	3	XA-7A-QGBT-QBETIE-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1574	3	7A-QGBT-QE0.10	CIRCUIT BREAK QE0.10	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1575	3	XA-7A-QGBT-QE010-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1576	3	XA-7A-QGBT-QE010-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1577	3	XA-7A-QGBT-QE010-3	DRAWER INSERT FAILURE (ALARM)	1	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1578	3	XA-7A-QGBT-QE010-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1579	3	XA-7A-QGBT-QE010-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1580	3	XA-7A-QGBT-QE010-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1581	3	7A-QGBT-QE0.2	CIRCUIT BREAK QE0.2	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7

	Г∈⊆ : n g ∈	SLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 80 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1582	3	XA-7A-QGBT-QE02-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1583	3	XA-7A-QGBT-QE02-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1584	3	XA-7A-QGBT-QE02-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1585	3	XA-7A-QGBT-QE02-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1586	3	XA-7A-QGBT-QE02-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1587	3	XA-7A-QGBT-QE02-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1588	3	7A-QGBT-QE0.5	CIRCUIT BREAK QE0.5	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1589	3	XA-7A-QGBT-QE05-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1590	3	XA-7A-QGBT-QE05-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1591	3	XA-7A-QGBT-QE05-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1592	3	XA-7A-QGBT-QE05-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1593	3	XA-7A-QGBT-QE05-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1594	3	XA-7A-QGBT-QE05-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1595	3	7A-QGBT-QE0.3	CIRCUIT BREAK QE0.3	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1596	3	XA-7A-QGBT-QE03-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1597	3	XA-7A-QGBT-QE03-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1598	3	XA-7A-QGBT-QE03-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1599	3	XA-7A-QGBT-QE03-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1600	3	XA-7A-QGBT-QE03-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1601	3	XA-7A-QGBT-QE03-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1602	3	7A-QGBT-QE208	CIRCUIT BREAK QE208	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1603	3	XA-7A-QGBT-QE208-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1604	3	XA-7A-QGBT-QE208-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1605	3	XA-7A-QGBT-QE208-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1606	3	XA-7A-QGBT-QE208-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850

	Γ ∈⊆ in g ∈	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 81 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1607	3	XA-7A-QGBT-QE208-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1608	3	XA-7A-QGBT-QE208-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1609	3	7A-QGBT-QE0.4	CIRCUIT BREAK QE0.4	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1610	3	XA-7A-QGBT-QE04-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1611	3	XA-7A-QGBT-QE04-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1612	3	XA-7A-QGBT-QE04-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1613	3	XA-7A-QGBT-QE04-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1614	3	XA-7A-QGBT-QE04-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1615	3	XA-7A-QGBT-QE04-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1616	3	7A-QGBT-QE0.5	CIRCUIT BREAK QE0.5	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1617	3	XA-7A-QGBT-QE05-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1618	3	XA-7A-QGBT-QE05-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1619	3	XA-7A-QGBT-QE05-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1620	3	XA-7A-QGBT-QE05-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1621	3	XA-7A-QGBT-QE05-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1622	3	XA-7A-QGBT-QE05-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1623	3	7A-QGBT-QE0.7	CIRCUIT BREAK QE0.7	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1624	3	XA-7A-QGBT-QE07-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1625	3	XA-7A-QGBT-QE07-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1626	3	XA-7A-QGBT-QE07-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1627	3	XA-7A-QGBT-QE07-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1628	3	XA-7A-QGBT-QE07-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1629	3	XA-7A-QGBT-QE07-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1630	3	7A-QGBT-QE0.1	CIRCUIT BREAK QE0.1	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1631	3	XA-7A-QGBT-QE01-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850

	Γ ∈⊆ : n g ∈	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 82 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1632	3	XA-7A-QGBT-QE01-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1633	3	XA-7A-QGBT-QE01-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1634	3	XA-7A-QGBT-QE01-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1635	3	XA-7A-QGBT-QE01-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1636	3	XA-7A-QGBT-QE01-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1637	3	7A-QGBT-QE0.2	CIRCUIT BREAK QE0.2	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1638	3	XA-7A-QGBT-QE02-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1639	3	XA-7A-QGBT-QE02-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1640	3	XA-7A-QGBT-QE02-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1641	3	XA-7A-QGBT-QE02-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1642	3	XA-7A-QGBT-QE02-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1643	3	XA-7A-QGBT-QE02-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1644	3	7A-QGBT-QE0.9	CIRCUIT BREAK QE0.9	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1645	3	XA-7A-QGBT-QE09-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1646	3	XA-7A-QGBT-QE09-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1647	3	XA-7A-QGBT-QE09-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1648	3	XA-7A-QGBT-QE09-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1649	3	XA-7A-QGBT-QE09-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1650	3	XA-7A-QGBT-QE09-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1651	3	7A-QGBT-QE0.11	CIRCUIT BREAK QE0.11	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1652	3	XA-7A-QGBT-QE011-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1653	3	XA-7A-QGBT-QE011-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1654	3	XA-7A-QGBT-QE011-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1655	3	XA-7A-QGBT-QE011-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1656	3	XA-7A-QGBT-QE011-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850

	Γ ∈⊆ in g ∈	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 83 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1657	3	XA-7A-QGBT-QE011-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1658	3	7A-QGBT-QE0.13	CIRCUIT BREAK QE0.13	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1659	3	XA-7A-QGBT-QE013-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1660	3	XA-7A-QGBT-QE013-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1661	3	XA-7A-QGBT-QE013-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1662	3	XA-7A-QGBT-QE013-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1663	3	XA-7A-QGBT-QE013-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1664	3	XA-7A-QGBT-QE013-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1665	3	7A-QGBT-QE0.12	CIRCUIT BREAK QE0.12	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1666	3	XA-7A-QGBT-QE012-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1667	3	XA-7A-QGBT-QE012-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1668	3	XA-7A-QGBT-QE012-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1669	3	XA-7A-QGBT-QE012-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1670	3	XA-7A-QGBT-QE012-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1671	3	XA-7A-QGBT-QE012-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1672	3	7A-QGBT-QE0.100	CIRCUIT BREAK QE0.100	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1673	3	XA-7A-QGBT-QE0100-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1674	3	XA-7A-QGBT-QE0100-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1675	3	XA-7A-QGBT-QE0100-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1676	3	XA-7A-QGBT-QE0100-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1677	3	XA-7A-QGBT-QE0100-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1678	3	XA-7A-QGBT-QE0100-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1679	3	7A-QGBT-QE0.6	CIRCUIT BREAK QE0.6	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1680	3	XA-7A-QGBT-QE06-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1681	3	XA-7A-QGBT-QE06-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850

	res nge	SSLER ips	Takeda Hemobrás	TITLE:				PROD O LIST			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 84 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1682	3	XA-7A-QGBT-QE06-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1683	3	XA-7A-QGBT-QE06-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1684	3	XA-7A-QGBT-QE06-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1685	3	XA-7A-QGBT-QE06-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1686	3	7A-QGBT-QE0.14	CIRCUIT BREAK QE0.14	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1687	3	XA-7A-QGBT-QE014-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1688	3	XA-7A-QGBT-QE014-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1689	3	XA-7A-QGBT-QE014-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1690	3	XA-7A-QGBT-QE014-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1691	3	XA-7A-QGBT-QE014-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1692	3	XA-7A-QGBT-QE014-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1693	3	7A-QGBT-QE0.15	CIRCUIT BREAK QE0.15	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	7
1694	3	XA-7A-QGBT-QE015-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1695	3	XA-7A-QGBT-QE015-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1696	3	XA-7A-QGBT-QE015-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1697	3	XA-7A-QGBT-QE015-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1698	3	XA-7A-QGBT-QE015-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1699	3	XA-7A-QGBT-QE015-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-2	IEC61850
1700	3	XC-7A-3-E-GMC-0-001	CONNECTION USCA GMG (1800KVA)	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1701	3	XL-7A-3-E-GMC-0-001	STATUS USCA GMG 1800KVA (ON-OFF)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1702	3	XA-7A-3-E-GMC-0-001	FAULT USCA GMG 1800KVA (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1703	3	HS-7A-3-E-GMC-0-001	START USCA GMG 1800KVA (RUN-STOP)	-	-	1	-	-	-	7A-E-0-5-01	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	DRY CONTACT
1704	3	XC-7A-3-E-GMC-0-002	CONNECTION USCA GMG (1800KVA)	-	-	-	-	-	1	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1705	3	XL-7A-3-E-GMC-0-002	STATUS USCA GMG 1800KVA (ON-OFF)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850
1706	3	XA-7A-3-E-GMC-0-002	FAULT USCA GMG 1800KVA (ALARM)	-	-	-	-	-	-	7A-E-0-5-01	7A-I-0-7-04	SW-A1041-1	IEC61850

	res in g e	SSLER ips	Takeda Hemobrás	TITLE:				PROD	UCT		DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		SHEET.: 85 / 87 REV.:
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1707	3	HS-7A-3-E-GMC-0-002	START USCA GMG 1800KVA (RUN-STOP)	1	-	1	-	-	-	7A-E-0-5-01	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	DRY CONTACT
1708	3	ZA-7A-3-E-UPS-2-001	STATUS AND FAULT UPS (ON-OFF/ALARM)	ı	-	-	-	-	1	7A-E-0-5-02	7A-I-0-7-04	SW-A3009-1	ETH. TCP / IP
1709	3	ZA-7A-3-E-UPS-2-002	STATUS AND FAULT UPS (ON-OFF/ALARM)	-	-	-	-		1	7A-E-0-5-02	7A-I-0-7-04	SW-A3009-1	ETH. TCP / IP
1710	3	TA-7A-2-U-TR-2-001	HIGHT TEMPERATURE IN TRAFO (220/380V)	1	-	-	-	-	-	7A-E-0-5-02	(7A-I-0-3-24) 7A-I-0-3-08	RM-A3009-1	TEMP. TRANSM.
1711	3	SW-7A-3-U-QGUPS-2-001	CONNECTION SWITCH ELECTRICAL	-	-	-	-	-	1	7A-E-0-5-02	7A-I-0-7-04	SW-A3009-1	ETH. TCP / IP
1712	3	7A-3-U-QGUPS2-1	CIRCUIT BREAK 1	-	-	-	-	-	1	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	7
1713	3	XA-7A-3-U-QGUPS2.1-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1714	3	XA-7A-3-U-QGUPS2.1-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1715	3	XA-7A-3-U-QGUPS2.1-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-			7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1716	3	XA-7A-3-U-QGUPS2.1-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1717	3	XA-7A-3-U-QGUPS2.1-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1718	3	XA-7A-3-U-QGUPS2.1-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1719	3	7A-3-U-QGUPS2-2	CIRCUIT BREAK 2	-	-	-	-	-	1	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	7
1720	3	XA-7A-3-U-QGUPS2.2-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-			7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1721	3	XA-7A-3-U-QGUPS2.2-2	FAULT TRIP CIRCUIT BREAK (ALARM)	ı	-	-	-	-		7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1722	3	XA-7A-3-U-QGUPS2.2-3	DRAWER INSERT FAILURE (ALARM)		-	-	-	-		7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1723	3	XA-7A-3-U-QGUPS2.2-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)		-	-	-			7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1724	3	XA-7A-3-U-QGUPS2.2-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-			7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1725	3	XA-7A-3-U-QGUPS2.2-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-			7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1726	3	7A-3-U-QGUPS2-3	CIRCUIT BREAK 3	-	-	-	-	-	1	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	7
1727	3	XA-7A-3-U-QGUPS2.3-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-		7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1728	3	XA-7A-3-U-QGUPS2.3-2	FAULT TRIP CIRCUIT BREAK (ALARM)	ı	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1729	3	XA-7A-3-U-QGUPS2.3-3	DRAWER INSERT FAILURE (ALARM)	-	-	_	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1730	3	XA-7A-3-U-QGUPS2.3-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	_	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1731	3	XA-7A-3-U-QGUPS2.3-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850

	Γ∈⊆ : n g ∈	SLER ips	Takeda Hemobrás Empresidade de la constante	TITLE:				PROD			DOC NR.: 569-DB7A-AIC-330-003 CLIENT NR.: PRD-AIC-LIS-003		86 / 87 REV.:
ID	REV	TAG Nr.	SERVICE		ANALOG OUTPUT AO			POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1732	3	XA-7A-3-U-QGUPS2.3-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1733	3	7A-3-U-QGUPS2-4	CIRCUIT BREAK 4	-	-	-	-	-	1	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	7
1734	3	XA-7A-3-U-QGUPS2.4-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1735	3	XA-7A-3-U-QGUPS2.4-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1736	3	XA-7A-3-U-QGUPS2.4-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1737	3	XA-7A-3-U-QGUPS2.4-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1738	3	XA-7A-3-U-QGUPS2.4-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1739	3	XA-7A-3-U-QGUPS2.4-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1740	3	7A-3-U-QGUPS2-5	CIRCUIT BREAK 5	-	-	-	-	-	1	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	7
1741	3	XA-7A-3-U-QGUPS2.5-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1742	3	XA-7A-3-U-QGUPS2.5-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1743	3	XA-7A-3-U-QGUPS2.5-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1744	3	XA-7A-3-U-QGUPS2.5-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1745	3	XA-7A-3-U-QGUPS2.5-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1746	3	XA-7A-3-U-QGUPS2.5-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1747	3	7A-3-U-QGUPS2-6	CIRCUIT BREAK 6	-	-	-	-	-	1	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	7
1748	3	XA-7A-3-U-QGUPS2.6-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1749	3	XA-7A-3-U-QGUPS2.6-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1750	3	XA-7A-3-U-QGUPS2.6-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1751	3	XA-7A-3-U-QGUPS2.6-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1752	3	XA-7A-3-U-QGUPS2.6-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1753	3	XA-7A-3-U-QGUPS2.6-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7A-E-0-5-02	7A-I-0-7-04	SW-7A-3-U-QGUPS-2-001	IEC61850
1754			ELECTRICAL SYSTEM	Al	АО	DI	DO	PS	NETWORK POINTS				
1755			SUB TOTAL RM-A1041-1	2	0	2	0	0	3				
1756		SIGNAL FOR SOFTWARE											

	TES	SLER ips	Takeda Hemobrás	TITLE:			DRUG	PROD	UCT		DOC NR.: 569-DB7A-AIC-330-003		SHEET.: 87 / 87
	enge	nharia 193	Transaction of the production					O LIST			CLIENT NR.: PRD-AIC-LIS-003		REV.: 3
ID	REV	TAG Nr.	SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK PONTS COMM.	P&ID N° OR EQUIPMENT	(WIRING DIAGRAMS) PANEL LAYOUT	REMOTE	NOTES
1757	3	MAIN PANEL CONTROL	COMPRESSED AIR GENERATION SYSTEM	-	-	-	-	-	1	7A-M-0-5-81	7A-I-0-7-04	SW-A1039	4
1758	3	XL-710021	STATUS COMP-7A-1 (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1759	3	XA-710021	FAULT COMP-7A-1 (ALARM)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1760	3	HS-710021	START COMP-7A-1 (RUN-STOP)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1761	3	HS-710031	POSITION SELECT SWITCH COMP-7A-1 (LOCAL-REMOTE)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1762	3	XL-710022	STATUS COMP-7A-2 (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1763	3	XA-710022	FAULT COMP-7A-2 (ALARM)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1764	3	HS-710022	START COMP-7A-2 (RUN-STOP)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1765	3	HS-710032	POSITION SELECT SWITCH COMP-7A-2 (LOCAL-REMOTE)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1766	3	XL-710001	STATUS AD-7A-1 (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1767	3	XA-710001	FAULT AD-7A-1 (ALARM)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1768	3	HS-710001	START AD-7A-1 (RUN-STOP)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1769	3	HS-710003	POSITION SELECT SWITCH AD-7A-1 (LOCAL-REMOTE)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1770	3	XL-710002	STATUS AD-7A-2 (ON-OFF)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1771	3	XA-710002	FAULT AD-7A-2 (ALARM)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1772	3	HS-710002	START AD-7A-2 (RUN-STOP)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1773		HS-710004	POSITION SELECT SWITCH AD-7A-2 (LOCAL-REMOTE)	-	-	-	-	-	-	7A-M-0-5-81	7A-I-0-7-04	-	5
1774			TOTAL SW-A1039 GENERAL TOTAL I/O (BUILDING 7A)		0 AO	DI	DO	PS	1 NETWORK				
			CENTERAL TO TAL 110 (BOILDING TA)	288	116	347	123	9	POINTS 42				