DRUG SUBSTANCE I/O LIST

1	1 ISSUE FOR CONSTRUCTION CONSIDERING COMMENTS								TESSLER	i mo	(T)	###Hemobrás					
0	ISSUE FOR (ISSUE FOR CONSTRUCTION								■ ∈ ng ∈ nharia	ips	Takeda	Empresa brusile is de hemoderivados e brote cinolo				
В	90% DD ISSU	90% DD ISSUE															
Α	30% DD ISSUE								DOC NR:								
REV	DESCRIPTION									569-DB7B-AIC-330-003 PRD-AIC-LIS-006							
REVIEW	REV. A	REV. B	REV. 0	REV. 1	REV. 2					CLIENT:							
DATE	10FEB2021	30JUN2021	30SET2021	03FEB2022						TAKEDA / BAXALTA							
EXEC	AAS	AAS	AAS	MAV						PROJECT:			REV.:				
CHECK	MAF	MAF	MAF	MAF						BURITI EPCVM PROJECT							
APPROV	MAJ	RSP	RSP	RSP													

TESSLER engenharia	ps
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DRUG SUBSTANCE I/O LIST

OCC NR.:	SHEET.:: 2 / 85
669-DB7B-AIC-330-003	2700
OCC NR.:	REV.:
PRD-AIC-LIS-006	1

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.	









DRUG SUBSTANCE I/O LIST

OC NR.:	SHEET.:: 3 / 85
69-DB7B-AIC-330-003	3700
OC NR.:	REV.:
PRD-AIC-LIS-006	1

		I/O LIOT	PRD-AIC-LIS-006	<u> </u>
NOTES;				
1) THE DEVICES HVAC MACHINE SHAL	LL BE CONNECTED IN I / O's OF THE HVAC REMOTE FIELD.			
1) OS INTRUMENTOS DAS MÁQUINAS	DE HVAC DEVERÃO SER CONECTADOS NOS I/O's DAS REM	MOTAS DE CAMPO DE HVAC.		
2) THE DEVICE ESCAPE FAN ON THE C	CEILING MUST BE CONNECTED IN REMOTE FIELD OF ITS R	RESPECTIVE SYSTEM		
2) OS INTRUMENTOS DOS EXAUSTOR	RES DA COBERTURA DEVERÃO SER CONECTADOS NAS RE	MOTAS DE CAMPO DO SEU RESPECTIVO SYST	TEMA DE HVAC.	
3) THE DEVICES HVAC INSTALLED INS	SIDE ROOMS SHALL BE CONNECTED IN FIELD REMOTE PAN	NEL THAT MEETS THE RESPECTIVE SYSTEM.		
3) OS INTRUMENTOS DE HVAC INSTAL	LADOS DENTRO DAS SALAS DEVERÃO SER CONECTADOS	NO PAINEL DA REMOTA DE CAMPO QUE ATEN	DE O RESPECTIVO SISTEMA.	
	LONE) OH THE COMPRESSORS GENERATION. PACKAGE S			
4) CONTROLADOR GERENCIADOR (TIP	PO STAND ALONE) DO SISTEMA DE GERAÇÃO DOS COMPF	RESSORES DE AR. FORNECIMENTO TERCEIRO	<u>S</u>	
	DFTWARE BY AIR COMPRESSORS GENARATION SYSTEM M			
5) SINAIS A SEREM DISPONIBILIZADOS	S VIA SOFTWARE PELO CONTROLADOR GERENCIADOR DO	O SISTEMA DE GERAÇÃO DOS COMPRESSORE	<u>S DE AR</u>	
C) SIGNALS TO BE AVAILABLE FOR SO	NETWARE BY WARVARIE ERECUENCY DRIVE			
	OFTWARE BY VARYABLE FREQUENCY DRIVE S VIA SOFTWARE PELO INVERSOR DE FREQUENCIA			
O) SINAIS A SENEM DISF UNIBILIZADOS	3 VIA 301 TWANE FEED INVENSOR DE TREQUENCIA			
7) SIGNALS FOR MASTER SWITCH OF	THE ELECTRICAL SYSTEM. PACKAGE SUPPLY ELECTRICA	AL PANELS (OTHERS)		
	R DO SISTEMA DE ELÉTRICA. FORNECIMENTO PACOTE DOS			
		,		
8) SIGNALS TO BE AVAILABLE FOR SO	OFTWARE BY BACNET NETWORK OF THE VAV's.			
8) SINAIS DISPONIBILIZADO VIA SOFT	WARE ATRAVÉS DA REDE BACNET DAS VAV's.			

1 €	r es n g e	SLER ips	Takeda Hemobrás	TITLE:				SUBST /O LIST			DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003 PRD-AIC-LIS-006	SHEET.: 4 / 85 REV.:
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N° OR EQUIPMENT	WIRING DRIAGRAMS PANEL LAYOUT	REMOTE	NOTES
		HVAC SYSTEM											
1	1	XY-AHU-7B-1-01A	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
2	1	XZSH-AHU-7B-1-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
3	1	XZSL-AHU-7B-1-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
4	1	XY-AHU-7B-1-01B	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
5	1	XZSH-AHU-7B-1-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
6	1	XZSL-AHU-7B-1-01B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
7	1	FIT-AHU-7B-1-001	RETURN CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
8	1	SC-AHU-7B-1-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	PROFINET
9	1	XA-SC-AHU-7B-111	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
10	1	XA-SC-AHU-7B-112	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
11	1	XA-SC-AHU-7B-113	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
12	1	XA-SC-AHU-7B-114	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
13	1	XA-SC-AHU-7B-115	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
14	1	XA-SC-AHU-7B-116	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
15	1	XA-SC-AHU-7B-117	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
16	1	XA-SC-AHU-7B-118	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
17	1	XA-SC-AHU-7B-119	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
18	1	XY-AHU-7B-1-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
19	1	XZSH-AHU-7B-1-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
20	1	XZSL-AHU-7B-1-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
21	1	XY-AHU-7B-1-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
22	1	XZSH-AHU-7B-1-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
23	1	XZSL-AHU-7B-1-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
24	1	XY-AHU-7B-1-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
25	1	XZSH-AHU-7B-1-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1

ZSL-AHU-7B-1-03A ZY-AHU-7B-1-03B ZSH-AHU-7B-1-03B	SERVICE CLOSED DAMPER SWITCH AIR INSIDE DAMPER CONTROL OPEN DAMPER SWITCH		ANALOG OUTPUT AO	DIGITAL		SUBST O LIST POWER SUPPLY		P&ID N°	CLIENT NR.: WIRING DRIAGRAMS	569-DB7B-AIC-330-003 PRD-AIC-LIS-006	5 / 85 REV.:
ZSL-AHU-7B-1-03A Y-AHU-7B-1-03B ZSH-AHU-7B-1-03B	SERVICE CLOSED DAMPER SWITCH AIR INSIDE DAMPER CONTROL	ANALOG INPUT	OUTPUT	INPUT	DIGITAL OUTPUT	POWER		P&ID N°		PRD-AIC-LIS-006	1
Y-AHU-7B-1-03B ZSH-AHU-7B-1-03B	CLOSED DAMPER SWITCH AIR INSIDE DAMPER CONTROL	INPUT	OUTPUT	INPUT	OUTPUT		NETWORK	P&ID N°	WIRING DRIAGRAMS		
Y-AHU-7B-1-03B ZSH-AHU-7B-1-03B	CLOSED DAMPER SWITCH AIR INSIDE DAMPER CONTROL	INPUT	OUTPUT	INPUT	OUTPUT		INE I WORK				
Y-AHU-7B-1-03B ZSH-AHU-7B-1-03B	AIR INSIDE DAMPER CONTROL	-	-			PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
ZSH-AHU-7B-1-03B		-		1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
	OPEN DAMPER SWITCH		-	-	1	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
ZSL-AHU-7B-1-03B		-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
IC-AHU-7B-1-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
ZSH-AHU-7B-1-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	7B-I-0-3-08	RM-AHU-7B-1	1
ZSL-AHU-7B-1-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	7B-I-0-3-08	RM-AHU-7B-1	1
IC-AHU-7B-1-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-21	7B-I-0-3-08	RM-AHU-7B-1	1
ZSH-AHU-7B-1-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	7B-I-0-3-08	RM-AHU-7B-1	1
ZSL-AHU-7B-1-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	7B-I-0-3-08	RM-AHU-7B-1	1
1T-AHU-7B-1-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-21	7B-I-0-3-08	RM-AHU-7B-1	1
T-AHU-7B-1-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-21	7B-I-0-3-08	RM-AHU-7B-1	1
T-AHU-7B-1-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-21	7B-I-0-3-08	RM-AHU-7B-1	1
T-AHU-7B-1-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-21	7B-I-0-3-08	RM-AHU-7B-1	1
DIT-AHU-7B-1-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7B-M-0-5-21	7B-I-0-3-08	RM-AHU-7B-1	1
V-960011	SUPPLY WATER FOR AHU-7B-01 - Ø2"	-	1	-	-	-	-	7B-M-0-5-43	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
DS-AHU-7B-1-001	DIFFERENTIAL PRESSURE IN FILTER F9	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
S-AHU-7B-1-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-21	7B-I-0-3-08	RM-AHU-7B-1	1
IT-AHU-7B-1-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-21	7B-I-0-3-08	RM-AHU-7B-1	1
C-AHU-7B-1-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-21	7B-I-0-3-08	SW-AHU-7B-1	PROFINET
A-SC-AHU-7B-121	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-21	7B-I-0-3-08	SW-AHU-7B-1	6
A-SC-AHU-7B-122	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
A-SC-AHU-7B-123	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
A-SC-AHU-7B-124	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
A-SC-AHU-7B-125	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
A-SC-AHU-7B-126	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
	SH-AHU-7B-1-04A SL-AHU-7B-1-04B SH-AHU-7B-1-04B SH-AHU-7B-1-04B SL-AHU-7B-1-001 -AHU-7B-1-001 -AHU-7B-1-001 -AHU-7B-1-001 -AHU-7B-1-001 -AHU-7B-1-001 -S-AHU-7B-1-001 -AHU-7B-1-001 -S-AHU-7B-1-001 -AHU-7B-1-002 -AHU-7B-1-002 -SC-AHU-7B-1-002 -SC-AHU-7B-121 -SC-AHU-7B-123 -SC-AHU-7B-124 -SC-AHU-7B-125	SH-AHU-7B-1-04A CLOSED DAMPER SWITCH SL-AHU-7B-1-04B MIXING BOX AIR DAMPER CONTROL SH-AHU-7B-1-04B CLOSED DAMPER SWITCH CHURTB-1-001 RETURN HUMIDITY AIR IN THE DUCKT CHURTB-1-001 RETURN TEMPERATURE AIR IN THE DUCT CHURTB-1-001 SUPPLY PRESSURE AIR IN THE DUCT CHURTB-1-002 RETURN PRESSURE AIR IN THE DUCT MIXING BOX DIFFERENTIAL PRESSURE SCOAHU-7B-1-001 TURN OFF IN OPENING DOOR CHURTB-1-002 INSIDE CENTRIFUGAL FAN CSC-AHU-7B-123 FAULT VFD OVER CURRENT (ALARM) CSC-AHU-7B-124 FAULT VFD SUB VOLTAGE (ALARM) CSC-AHU-7B-125 FAULT VFD NO PHASE (ALARM)	SH-AHU-7B-1-04A OPEN DAMPER SWITCH - SL-AHU-7B-1-04A CLOSED DAMPER SWITCH - S-AHU-7B-1-04B MIXING BOX AIR DAMPER CONTROL - SH-AHU-7B-1-04B OPEN DAMPER SWITCH - SL-AHU-7B-1-04B CLOSED DAMPER SWITCH - SL-AHU-7B-1-04B CLOSED DAMPER SWITCHAHU-7B-1-001 RETURN HUMIDITY AIR IN THE DUCKT 1 -AHU-7B-1-001 RETURN TEMPERATURE AIR IN THE DUCT 1 -AHU-7B-1-001 SUPPLY PRESSURE AIR IN THE DUCT 1 -AHU-7B-1-002 RETURN PRESSURE AIR IN THE DUCT 1 -IT-AHU-7B-1-001 MIXING BOX DIFFERENTIAL PRESSURE 1 -960011 SUPPLY WATER FOR AHU-7B-01 - Ø2"SC-AHU-7B-1-002 INSIDE CENTRIFUGAL FAN 1AHU-7B-1-002 INSIDE CENTRIFUGAL FAN 1C-C-AHU-7B-121 STATUS VFD (ON-OFF)C-C-AHU-7B-123 FAULT VFD ROTOR LOCKED (ALARM)SC-AHU-7B-124 FAULT VFD SUB VOLTAGE (ALARM)	SH-AHU-7B-1-04A OPEN DAMPER SWITCH - - SL-AHU-7B-1-04A CLOSED DAMPER SWITCH - - S-AHU-7B-1-04B MIXING BOX AIR DAMPER CONTROL - 1 SH-AHU-7B-1-04B OPEN DAMPER SWITCH - - SL-AHU-7B-1-04B CLOSED DAMPER SWITCH - - AHU-7B-1-04B CLOSED DAMPER SWITCH - - AHU-7B-1-04B CLOSED DAMPER SWITCH - - AHU-7B-1-001 RETURN HUMIDITY AIR IN THE DUCKT 1 - AHU-7B-1-001 RETURN TEMPERATURE AIR IN THE DUCT 1 - AHU-7B-1-001 SUPPLY PRESSURE AIR IN THE DUCT 1 - AHU-7B-1-002 MIXING BOX DIFFERENTIAL PRESSURE 1 - BO0011 SUPPLY WATER FOR AHU-7B-01 - Ø2" - 1 BAHU-7B-1-001 DIFFERENTIAL PRESSURE IN FILTER F9 - - AHU-7B-1-001 TURN OFF IN OPENING DOOR - - AHU-7B-1-002 INSIDE CENTRIFUGAL FAN 1 - AHU-7B-1-002 I	SH-AHU-7B-1-04A OPEN DAMPER SWITCH 1 SL-AHU-7B-1-04B MIXING BOX AIR DAMPER CONTROL - 1 SH-AHU-7B-1-04B MIXING BOX AIR DAMPER CONTROL - 1 SH-AHU-7B-1-04B OPEN DAMPER SWITCH 1 SL-AHU-7B-1-04B CLOSED DAMPER SWITCH 1 SL-AHU-7B-1-001 RETURN HUMIDITY AIR IN THE DUCKT 1 1 -AHU-7B-1-001 RETURN TEMPERATURE AIR IN THE DUCT 1	SH-AHU-7B-1-04A OPEN DAMPER SWITCH - - 1 - SL-AHU-7B-1-04B MIXING BOX AIR DAMPER CONTROL - 1 - - SH-AHU-7B-1-04B MIXING BOX AIR DAMPER CONTROL - 1 - - - SH-AHU-7B-1-04B OPEN DAMPER SWITCH - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - - 1 - - - - 1 -	Sh-Ahu-7B-1-04A OPEN DAMPER SWITCH - - 1 - - SL-Ahu-7B-1-04A CLOSED DAMPER SWITCH - - 1 - - Ahu-7B-1-04B MIXING BOX AIR DAMPER CONTROL - 1 - - - SH-AHU-7B-1-04B OPEN DAMPER SWITCH - - 1 - - - SL-AHU-7B-1-04B CLOSED DAMPER SWITCH - - 1 -	SH-AHU-7B-1-04A OPEN DAMPER SWITCH - - 1 - <	SH-AHU-7B-1-04A OPEN DAMPER SWITCH - 1 - 7B-M-0-5-21 SL-AHU-7B-1-04B MIXING BOX AIR DAMPER CONTROL - 1 - 7B-M-0-5-21 SH-AHU-7B-1-04B OPEN DAMPER SWITCH - 1 - 7B-M-0-5-21 SH-AHU-7B-1-04B OPEN DAMPER SWITCH - 1 - 7B-M-0-5-21 SL-AHU-7B-1-04B OPEN DAMPER SWITCH - 1 - 7B-M-0-5-21 SL-AHU-7B-1-04B CLOSED DAMPER SWITCH - 1 - 7B-M-0-5-21 SL-AHU-7B-1-04B CLOSED DAMPER SWITCH - 1 - 7B-M-0-5-21	SH-AHU-7B-1-04A OPEN DAMPER SWITCH - 1 - 7B-M-0-521 7B-10-3-15 7B-	ARIU-RE-1-08A MIXING BUX AIR DAMPER CONTROL

				TITLE:							DOC NR.:		SHEET.: 6 / 85
T	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
<u> </u>	ii g e		Oriprosa brasile sa de hema derinados e brotecodoção				I	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	1
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
52	1	XA-SC-AHU-7B-127	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
53	1	XA-SC-AHU-7B-128	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
54	1	XA-SC-AHU-7B-129	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	SW-AHU-7B-1	6
55	1	TT-960011	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
56	1	ZS-AHU-7B-1-002	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
57	1	XY-AHU-7B-1-05A	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
58	1	XZSH-AHU-7B-1-05A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
59	1	XZSL-AHU-7B-1-05A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
60	1	XY-AHU-7B-1-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
61	1	XZSH-AHU-7B-1-05B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
62	1	XZSL-AHU-7B-1-05B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
63	1	MT-AHU-7B-1-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
64	1	TT-AHU-7B-1-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
65	1	AS-AHU-7B-1-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	1
66	1	HS-SC-7B-1-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	DRY CONTACT
67	1	HS-SC-7B-1-002	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	DRY CONTACT
68													
69	1	TV-9700472	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	3
70	1	TT-RH-B-2051-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	3
71	1	XY-TUS-B-2051-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	FIELD BUS
72	1	FT-TUS-B-2051-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	8
73 74	1	TV-9700462	CONTROL VALVE HOTING COIL Ø3/4"	_	1	_	_	_	_	7B-M-0-5-48	(7B-I-0-3-15)	RM-AHU-7B-1	3
75		TT-RH-B-2052-1	CONTROL VALVE HOTING COIL	1	-	_	_	_	_	7B-M-0-5-21	7B-I-0-3-08 (7B-I-0-3-15)	RM-AHU-7B-1	3
76		XY-TUS-B-2052-1	AIR FLOW CONTROL IN ROOM	 	_	_	_		1	7B-M-0-5-21	7B-I-0-3-08 (7B-I-0-3-15)	RM-AHU-7B-1	FIELD BUS
77		FT-TUS-B-2052-1	AIR FLOW CONTROL IN ROOM		_	-	-	_	1	7B-M-0-5-21	7B-I-0-3-08 (7B-I-0-3-15)	RM-AHU-7B-1	8
78		100 B-2002-1	A STATE OF THE PROPERTY OF THE							7.5 W 0 0-21	7B-I-0-3-08	14W 74 10-7 D-1	

7	r es	SLER ips	Takeda Hemobrás	TITLE:		D		SUBST			DOC NR.: CLIENT NR.:	SHEET.: 7 / 85	
	9 -		triprisa brasile isi de hem siderinados e biodisciviloda.					O LIST				PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT	ANALOG OUTPUT	INPUT	DIGITAL OUTPUT	POWER SUPPLY	NETWORK POINTS	P&ID N° OR EQUIPMENT	WIRING DRIAGRAMS PANEL LAYOUT	REMOTE	NOTES
				Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LATOUT		
79	1	TV-9700528	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	3
80	1	TT-RH-B-2056-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	3
81	1	XY-TUS-B-2056-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	FIELD BUS
82	1	FT-TUS-B-2056-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	8
83 84	1	TV-9700530	CONTROL VALVE HOTING COIL Ø1"	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	3
85	1	TT-RH-B-2056-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	3
86	1	XY-TUS-B-2056-2	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	FIELD BUS
87	1	FT-TUS-B-2056-2	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	8
88 89	1	TV-9700460	CONTROL VALVE HOTING COIL Ø3/4"	-	1	_	_	_	_	7B-M-0-5-49	(7B-I-0-3-15)	RM-AHU-7B-1	3
90	1		CONTROL VALVE HOTING COIL	1	-		_	_	-	7B-M-0-5-21	7B-I-0-3-08 (7B-I-0-3-15)	RM-AHU-7B-1	3
91	1		AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-21	7B-I-0-3-08 (7B-I-0-3-15)	RM-AHU-7B-1	FIELD BUS
92	1	FT-TUS-B-2029-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-21	7B-I-0-3-08 (7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	8
93											7510000		
94	1	TV-9600XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-XX	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	3
95	1	TT-RH-B-2058-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-21	(7B-l-0-3-15) 7B-l-0-3-08	RM-AHU-7B-1	3
96	1	XY-TUS-B-2058-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	FIELD BUS
97	1	FT-TUS-B-2058-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-21	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	8
98													
99	1	XA-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	
100	1	XA-RFD-B3001-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	
101	1	XA-RFD-B3001-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	
102	1	XA-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	
103	1	XA-RFD-B3001-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	
104	1	XA-RFD-B3001-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	
105	1	XA-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	
106	1	XA-RFD-B3001-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-l-0-3-15) 7B-l-0-3-08	RM-AHU-7B-1	

□ ∈	€S n g ∈	SLER ips	Takeda Hemobrás	TITLE:		C		SUBST O LIST			DOC NR.: CLIENT NR.:	SHEET.: 8 / 85 REV.:	
					<u> </u>	l				P&ID N°	WIRING DRIAGRAMS	PRD-AIC-LIS-006	+ '
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
107	1	XA-RFD-B3001-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	
108	1	XS-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	1	-	-	1	-	-	-	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	
109	1	XS-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	ı	-	-	1	-	-	-	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	
110	1	XS-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	•	-	-	1	-	-	-	(7B-I-0-3-15) 7B-I-0-3-08	RM-AHU-7B-1	
111													
112													
113			TOTAL RM-AHU-7B-1	16	9	35	11	1	3				
115			SYSTEM RM-AHU-7B-1	Al	AO	DI	DO	PS	NETWORK POINTS				
116			SUB TOTAL SYSTEM AHU-7B-1	16	9	35	11	1	3				
117													
118	1	XY-AHU-7B-2-01A	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
119	1	XZSH-AHU-7B-2-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
120	1	XZSL-AHU-7B-2-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
121	1	XY-AHU-7B-2-01B	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
122	1	XZSH-AHU-7B-2-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
123	1	XZSL-AHU-7B-2-01B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
124	1	FIT-AHU-7B-2-001	RETURN CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
125	1	SC-AHU-7B-2-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	PROFINET
126	1	XA-SC-AHU-7B-211	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
127	1	XA-SC-AHU-7B-212	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
128	1	XA-SC-AHU-7B-213	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
129	1	XA-SC-AHU-7B-214	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
130	1	XA-SC-AHU-7B-215	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
131	1	XA-SC-AHU-7B-216	FAULT VFD GROUND FAILURE (ALARM)	-	-	-		-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
132	1	XA-SC-AHU-7B-217	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
133	1	XA-SC-AHU-7B-218	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6

				TITLE:							DOC NR.:		SHEET.: 9 / 85
T	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		OLIENT ND	569-DB7B-AIC-330-003	
	nge	nnaria	Empresa Ensade esa de homa oder hadica e Brota conslicida.				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
134	1	XA-SC-AHU-7B-219	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
135	1	XY-AHU-7B-2-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
136	1	XZSH-AHU-7B-2-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
137	1	XZSL-AHU-7B-2-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
138	1	XY-AHU-7B-2-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
139	1	XZSH-AHU-7B-2-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
140	1	XZSL-AHU-7B-2-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
141	1	XY-AHU-7B-2-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
142	1	XZSH-AHU-7B-2-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
143	1	XZSL-AHU-7B-2-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
144	1	XY-AHU-7B-2-03B	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
145	1	XZSH-AHU-7B-2-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
146	1	XZSL-AHU-7B-2-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
147	1	HC-AHU-7B-2-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
148	1	XZSH-AHU-7B-2-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
149	1	XZSL-AHU-7B-2-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
150	1	HC-AHU-7B-2-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
151	1	XZSH-AHU-7B-2-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
152	1	XZSL-AHU-7B-2-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
153	1	MT-AHU-7B-2-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
154	1	TT-AHU-7B-2-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
155	1	PT-AHU-7B-2-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
156	1	PT-AHU-7B-2-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
157	1	PDIT-AHU-7B-2-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
158	1	TV-960012	SUPPLY WATER FOR AHU-7B-02 - Ø4"	-	1	-	-	-	-	7B-M-0-5-43	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
159	1	PDS-AHU-7B-2-001	DIFFERENTIAL PRESSURE IN FILTER F7	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1

				TITLE:							DOC NR.:		SHEET.: 10 / 85
T	ES	SLER ips	Takeda Hemobrás	:			RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
	ii g e		Empresa brasile se de home derinados e brotsonologi				I	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	1
				ANAL OG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT		OUTPUT DO	SUPPLY	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
160	1	PDS-AHU-7B-2-002	DIFFERENTIAL PRESSURE IN FILTER G4	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
161	1	ZS-AHU-7B-2-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
162	1	FIT-AHU-7B-2-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	ı	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
163	1	SC-AHU-7B-2-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	ı	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	PROFINET
164	1	XA-SC-AHU-7B-221	STATUS VFD (ON-OFF)	-	-	-	-	ı	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
165	1	XA-SC-AHU-7B-222	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	1	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
166	1	XA-SC-AHU-7B-223	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	ı	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
167	1	XA-SC-AHU-7B-224	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	ı	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
168	1	XA-SC-AHU-7B-225	FAULT VFD NO PHASE (ALARM)	-	-	-	-	ı	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
169	1	XA-SC-AHU-7B-226	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	ı	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
170	1	XA-SC-AHU-7B-227	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	ı	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
171	1	XA-SC-AHU-7B-228	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	ı	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
172	1	XA-SC-AHU-7B-229	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	ı	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
173	1	TT-960012	TEMPERATURE AIR SUPPLY	1	-	-	-	1	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
174	1	XY-AHU-7B-2-05A	SUPLLY AIR DAMPER CONTROL	-	-	-	1	1	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
175	1	XZSH-AHU-7B-2-05A	OPEN DAMPER SWITCH	-	-	1	-	ı	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
176	1	XZSL-AHU-7B-2-05A	CLOSED DAMPER SWITCH	-	-	1	-	ı	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
177	1	XY-AHU-7B-2-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	1	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
178	1	XZSH-AHU-7B-2-05B	OPEN DAMPER SWITCH	-	-	1	-	-	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
179	1	XZSL-AHU-7B-2-05B	CLOSED DAMPER SWITCH	-	-	1	-	1	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
180	1	MT-AHU-7B-2-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
181	1	TT-AHU-7B-2-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
182	1	AS-AHU-7B-2-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	1
183	1	HS-SC-7B-2-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	DRY CONTACT
184	1	HS-SC-7B-2-002	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	DRY CONTACT
185	1	HS-EF-7B-2-02A	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	DRY CONTACT
	-		•						•			•	

			TITLE:							DOC NR.:		SHEET.:
E S9	SLER inc	Takeda Hemobrás				RUG	SUBST	ANCE			569-DB7B-AIC-330-003	11 / 85
g∈r	inaria III	Emprisa brasile sa de hem eden nados e la otració da				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
			ANALOG	ANALOG	DIGITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
REV		SERVICE	INPUT AI	OUTPUT AO			SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1	TV-9700128	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-46	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
1	TT-RH-B-1023-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	7B-I-0-3-08	RM-AHU-7B-2	3
1	XY-RAV-B-1023-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
1	PDT-RAV-B-1023-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	7B-I-0-3-08	RM-AHU-7B-2	3
1	XY-SAV-B-1023-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
										(7B-I-0-3-16)		
1	TV-RH-B-1023-2	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-22	7B-I-0-3-08	RM-AHU-7B-2	3
1	TT-RH-B-1023-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	7B-I-0-3-08	RM-AHU-7B-2	3
1	XY-RAV-B-1023-2	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
1	PDT-RAV-B-1023-2	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	7B-I-0-3-08	RM-AHU-7B-2	3
1	XY-SAV-B-1023-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
										(7B-I-0-3-16)		
1	TV-9700130	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-46	7B-I-0-3-08	RM-AHU-7B-2	3
1	TT-RH-B-1024-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	7B-I-0-3-08	RM-AHU-7B-2	3
1	XY-RAV-B-1024-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
1	PDT-RAV-B-1024-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
1	XY-SAV-B-1024-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-l-0-3-16) 7B-l-0-3-08	RM-AHU-7B-2	FIELD BUS
										(7B-I-0-3-16)	514 41111 =5 6	+
1	TV-9700132	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	/B-M-0-5-46	7B-I-0-3-08	RM-AHU-7B-2	3
1	TT-RH-B-1025-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	7B-I-0-3-08	RM-AHU-7B-2	3
1	XY-RAV-B-1025-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
1	PDT-RAV-B-1025-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	7B-I-0-3-08	RM-AHU-7B-2	3
1	XY-SAV-B-1025-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
1	TV-970048	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-47	(7B-l-0-3-16) 7B-l-0-3-08	RM-AHU-7B-2	3
1	TT-RH-B-2015-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16)	RM-AHU-7B-2	3
1	XY-RAV-B-2015-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-06) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
	EV 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 TV-9700128 1 TT-RH-B-1023-1 1 XY-RAV-B-1023-1 1 PDT-RAV-B-1023-1 1 TV-RH-B-1023-2 1 TT-RH-B-1023-2 1 XY-SAV-B-1023-2 1 PDT-RAV-B-1023-2 1 XY-SAV-B-1023-2 1 TV-9700130 1 TT-RH-B-1024-1 1 XY-RAV-B-1024-1 1 XY-RAV-B-1024-1 1 TV-9700132 1 TT-RH-B-1025-1 1 XY-RAV-B-1025-1 1 XY-RAV-B-1025-1 1 XY-SAV-B-1025-1 1 TV-970048 1 TT-RH-B-2015-1	SERVICE 1 TV-9700128	TV-9700128 CONTROL VALVE HOTING COIL Ø1.1/2* - TV-9700128 CONTROL VALVE HOTING COIL Ø1.1/2* - TT-RH-B-1023-1 CONTROL VALVE HOTING COIL 1 XY-RAV-B-1023-1 PRESSURE CONTROL IN ROOM - PDT-RAV-B-1023-1 PRESSURE CONTROL IN ROOM - TV-RH-B-1023-2 CONTROL VALVE HOTING COIL 1 TT-RH-B-1023-2 CONTROL VALVE HOTING COIL 1 XY-RAV-B-1023-2 PRESSURE CONTROL IN ROOM - PDT-RAV-B-1023-2 PRESSURE CONTROL IN ROOM - PDT-RAV-B-1023-2 PRESSURE CONTROL IN ROOM - TV-9700130 CONTROL VALVE HOTING COIL Ø3/4* - TT-RH-B-1024-1 CONTROL VALVE HOTING COIL Ø3/4* - TT-RH-B-1024-1 PRESSURE CONTROL IN ROOM - PDT-RAV-B-1024-1 PRESSURE CONTROL IN ROOM - TV-9700132 CONTROL VALVE HOTING COIL Ø3/4* - TT-RH-B-1025-1 CONTROL VALVE HOTING COIL Ø3/4* - TT-RH-B-1025-1 PRESSURE CONTROL IN ROOM - TV-9700132 CONTROL VALVE HOTING COIL Ø3/4* - TT-RH-B-1025-1 PRESSURE CONTROL IN ROOM - TV-970048 CONTROL VALVE HOTING COIL Ø3/4* - TT-RH-B-2015-1 CONTROL VALVE HOTING COIL Ø3/4* -	TV-9700128 CONTROL VALVE HOTING COIL Ø1.1/2" - 1	TV-9700128 CONTROL VALVE HOTING COIL Ø1.1/2" - 1 -	NALOG ANALOG AN	TV-9700128 CONTROL VALVE HOTING COIL Ø1.1/2" - 1 - - - - - - - -	Volume Service Analog Analog Digital Digital Service Analog Analog Digital Service Service Analog Analog Digital Service S	SERVICE NAME NAME	Variety Service National Part Country Country	Name

	ES	SLER ips	Takeda Hemobrás	TITLE:		D	RUG	SUBST	ANCE		DOC NR.:	569-DB7B-AIC-330-003	SHEET.: 12 / 85
	n g e	nharia 193	Empress brasile as de hemoderwados e brotocologo					O LIST	_		CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
214	1	PDT-RAV-B-2015-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
215	1	XY-SAV-B-2015-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
216				-	-	-	-				(7B-I-0-3-16)		+
217	1	TV-970094	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	7B-I-0-3-08	RM-AHU-7B-2	3
218	1	TT-RH-B-2021-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
219	1	XY-RAV-B-2021-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
220	1	PDT-RAV-B-2021-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
221	1	XY-SAV-B-2021-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
222											(7B-I-0-3-16)		
223	1	TV-9700478	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	7B-I-0-3-08	RM-AHU-7B-2	3
224	1	TT-RH-B-2057-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
225	1	XY-SAV-B-2057-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
226	1	XY-EAV-B-2057-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
227				1		-					(7B-I-0-3-16)		
228	1	TV-970034	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-48	7B-I-0-3-08	RM-AHU-7B-2	3
229	1	TT-RH-B-2028-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
230	1	XY-RAV-B-2028-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
231	1	PDT-RAV-B-2028-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
232	1	XY-SAV-B-2028-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
233				1		-					(7B-I-0-3-16)		
234	1	TV-9700549	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-47	7B-I-0-3-08	RM-AHU-7B-2	3
235	1	TT-RH-B-2028-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
236	1	XY-RAV-B-2028-2	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
237	1	PDT-RAV-B-2028-2	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
238	1	XY-SAV-B-2028-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
239											(7D I O 2 46)		
240	1	TV-9700102	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
241	1	TT-RH-B-2030-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3

		SI SP		TITLE:				OLIDOT	41105		DOC NR.:		SHEET.: 13 / 85
€	n g e	SLER PS	Takeda Hemobrás	5		L		SUBST /O LIST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
						l				P&ID N°	WIRING DRIAGRAMS	PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
242	1	XY-RAV-B-2030-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-l-0-3-16) 7B-l-0-3-08	RM-AHU-7B-2	FIELD BUS
243	1	PDT-RAV-B-2030-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
244	1	XY-SAV-B-2030-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
245 246	1	TV-9700104	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
247	1	TT-RH-B-2031-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
248	1	XY-RAV-B-2031-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
249	1	PDT-RAV-B-2031-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
250	1	XY-SAV-B-2031-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
251 252	1	TV-970030	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
253	1	TT-RH-B-2037-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-08) 7B-I-0-3-08	RM-AHU-7B-2	3
254	1	XY-RAV-B-2037-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
255	1	PDT-RAV-B-2037-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
256	1	XY-SAV-B-2037-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
257											(7B-I-0-3-16)		
258	1	TV-9700440	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-47	7B-I-0-3-08	RM-AHU-7B-2	3
259	1	TT-RH-B-2037-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
260	1	XY-RAV-B-2037-2	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
261	1	PDT-RAV-B-2037-2	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
262	1	XY-SAV-B-2037-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
263 264	1	TV-9700106	CONTROL VALVE HOTING COIL	 	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-16)	RM-AHU-7B-2	3
265	1	TT-RH-B-2050-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	7B-I-0-3-08 (7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
266	1	XY-RAV-B-2050-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-08) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
267	1	PDT-RAV-B-2050-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
268	1	XY-SAV-B-2050-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
269 270	1	TV-9700110	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-l-0-3-16) 7B-l-0-3-08	RM-AHU-7B-2	3

				TITLE:							DOC NR.:		SHEET.: 14 / 85
T	ES	SLER ips	Takeda Hemobrás	;			RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
,	9 -		Empresa braule na de hemodernados e broteonologi					O LIST				PRD-AIC-LIS-006	1
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
271	1	TT-RH-B-2053-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
272	1	XY-RAV-B-2053-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
273	1	PDT-RAV-B-2053-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
274 275	1	XY-SAV-B-2053-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
276	1	TV-9700114	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
277	1	TT-RH-B-2027-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
278	1	XY-RAV-B-2027-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
279	1	PDT-RAV-B-2027-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	3
280	1	XY-SAV-B-2027-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
281	1	XY-SAV-B-2059-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	FIELD BUS
282													
283	1	FIT-EF-7B-2A	EXHAUST AIR	1	-	-	-	ı	ı	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
284	1	SC-EF-7B-2A	EXHAUST AIR	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	PROFINET
285	1	XA-SC-EF-7B-21A	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
286	1	XA-SC-EF-7B-22A	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
287	1	XA-SC-EF-7B-23A	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	1	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
288	1	XA-SC-EF-7B-24A	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
289	1	XA-SC-EF-7B-25A	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
290	1	XA-SC-EF-7B-26A	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
291	1	XA-SC-EF-7B-27A	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
292	1	XA-SC-EF-7B-28A	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
293	1	XA-SC-EF-7B-29A	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	SW-AHU-7B-2	6
294	1	MT-EF-7B-21A	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
295	1	TT-EF-7B-21A	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-22	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
296													
297	1	XA-RFD-B2028-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	

				TITLE:							DOC NR.:		SHEET.: 15 / 85
T	ES	SLER ips	Takeda Hemobrás			D	RUG	SUBST	ANCE		OLIENT ND	569-DB7B-AIC-330-003	
□ ∈ 1	n g e i	nnaria III	Empresa brasilie na de hema de mados e la tota condições				I	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANIAL 00	ANIALOO	DICITAL	DICITAL	DOWED	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	ANALOG OUTPUT AO		OUTPUT DO	POWER SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
298	1	XA-RFD-B2028-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
299	1	XA-RFD-B2028-01C	RECTANGULAR FIRE DAMPER	-	ı	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
300	1	XA-RFD-B2028-02A	RECTANGULAR FIRE DAMPER	1	ı	1	-	ı	-	1	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
301	1	XA-RFD-B2028-02B	RECTANGULAR FIRE DAMPER	-	ı	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
302	1	XA-RFD-B2028-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
303	1	XA-RFD-B2028-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
304	1	XA-RFD-B2028-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
305	1	XA-RFD-B2028-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
306	1	XA-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
307	1	XA-RFD-B3001-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
308	1	XA-RFD-B3001-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
309	1	XA-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
310	1	XA-RFD-B3001-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
311	1	XA-RFD-B3001-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
312	1	XA-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
313	1	XA-RFD-B3001-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
314	1	XA-RFD-B3001-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
315	1	XS-RFD-B2028-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
316	1	XS-RFD-B2028-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
317	1	XS-RFD-B2028-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
318	1	XS-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
319	1	XS-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
320	1	XS-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	
321	1	ETH-CRU-7B-1	COLD ROOM B2006	-	-	-	-	-	1	7B-M-0-5-30	(7B-I-0-3-16) 7B-I-0-3-08	RM-AHU-7B-2	ETHERNET
322													
323													

T E	ES n g e	SLER ips	Takeda Hemobrás	TITLE:		D		SUBST O LIST			DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003 PRD-AIC-LIS-006	SHEET.: 16 / 85
						DIGITAL	I			P&ID N°	WIRING DRIAGRAMS	PRD-AIC-LIS-006	1
ID	REV		SERVICE	INPUT AI	ANALOG OUTPUT AO	INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
324			TOTAL RM-AHU-7B-2	44	19	45	14	1	5				
325 326			SYSTEM RM-AHU-7B-2	Al	AO	DI	DO	PS	NETWORK POINTS				
327			SUB TOTAL SYSTEM AHU-7B-2	44	19	45	14	1	5				
328													
329	1	XY-AHU-7B-3-01A	RETURN DAMPER CONTROL AIR FLOW	1	-	-	1	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
330	1	XZSH-AHU-7B-3-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
331	1	XZSL-AHU-7B-3-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
332	1	XY-AHU-7B-3-01B	RETURN DAMPER CONTROL AIR FLOW	1	-	-	1	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
333	1	XZSH-AHU-7B-3-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
334	1	XZSL-AHU-7B-3-01B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
335	1	FIT-AHU-7B-3-001	RETURN CENTRIFUGAL FAN	1	ı	-	-	1	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
336	1	SC-AHU-7B-3-001	RETURN CENTRIFUGAL FAN	ı	ı	-	-	1	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	PROFINET
337	1	XA-SC-AHU-7B-311	STATUS VFD (ON-OFF)	ı	ı	-	-	1	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
338	1	XA-SC-AHU-7B-312	FAULT VFD OVER CURRENT (ALARM)	ı	1	-	-	1	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
339	1	XA-SC-AHU-7B-313	FAULT VFD ROTOR LOCKED (ALARM)	ı	1	-	-	1	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
340	1	XA-SC-AHU-7B-314	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
341	1	XA-SC-AHU-7B-315	FAULT VFD NO PHASE (ALARM)	1	1	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
342	1	XA-SC-AHU-7B-316	FAULT VFD GROUND FAILURE (ALARM)	ı	ı	-	-	1	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
343	1	XA-SC-AHU-7B-317	FAULT VFD FAILURE COMUNICATION (ALARM)	-	1	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
344	1	XA-SC-AHU-7B-318	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
345	1	XA-SC-AHU-7B-319	FAULT VFD SPEED MOTOR (FACEPLATE)	-	1	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
346	1	XY-AHU-7B-3-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
347	1	XZSH-AHU-7B-3-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
348	1	XZSL-AHU-7B-3-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
349	1	XY-AHU-7B-3-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
350	1	XZSH-AHU-7B-3-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1

				TITLE:							DOC NR.:		SHEET.: 17 / 85
T	ES	SLER ips	Takeda Hemobrás	:			RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	
	n g e	illiaria Ipo	Empresa brasile su dia hama di madica e biota costicogi				L	O LIST			CLIENT NK.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
351	1	XZSL-AHU-7B-3-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
352	1	XY-AHU-7B-3-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
353	1	XZSH-AHU-7B-3-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
354	1	XZSL-AHU-7B-3-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
355	1	XY-AHU-7B-3-03B	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
356	1	XZSH-AHU-7B-3-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
357	1	XZSL-AHU-7B-3-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
358	1	HC-AHU-7B-3-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
359	1	XZSH-AHU-7B-3-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
360	1	XZSL-AHU-7B-3-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
361	1	HC-AHU-7B-3-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
362	1	XZSH-AHU-7B-3-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
363	1	XZSL-AHU-7B-3-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
364	1	MT-AHU-7B-3-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
365	1	TT-AHU-7B-3-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
366	1	PT-AHU-7B-3-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
367	1	PT-AHU-7B-3-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
368	1	PDIT-AHU-7B-3-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
369	1	TV-960013	SUPPLY WATER FOR AHU-7B-03 - Ø3"	-	1	-	-	-	-	7B-M-0-5-43	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
370	1	PDS-AHU-7B-3-001	DIFFERENTIAL PRESSURE IN FILTER F9	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
371	1	ZS-AHU-7B-3-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
372	1	FIT-AHU-7B-3-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
373	1	SC-AHU-7B-3-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	PROFINET
374	1	XA-SC-AHU-7B-321	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
375	1	XA-SC-AHU-7B-322	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
376	1	XA-SC-AHU-7B-323	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
			-	-		-	_	-			-	<u> </u>	

				TITLE:							DOC NR.:		SHEET.: 18 / 85
T ∈	ES nge	SLER ips	Takeda Hemobrás					SUBST			CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
			orphia dese ni di nemodrini posi e di discolori				<u> </u>	O LIST				PRD-AIC-LIS-006	1
				ANALOG			DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS	-	
ID	REV		SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
377	1	XA-SC-AHU-7B-324	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	ı	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
378	1	XA-SC-AHU-7B-325	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
379	1	XA-SC-AHU-7B-326	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
380	1	XA-SC-AHU-7B-327	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-l-0-3-17) 7B-l-0-3-08	SW-AHU-7B-3	6
381	1	XA-SC-AHU-7B-328	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-23	(7B-l-0-3-17) 7B-l-0-3-08	SW-AHU-7B-3	6
382	1	XA-SC-AHU-7B-329	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
383	1	TT-960013	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
384	1	ZS-AHU-7B-3-002	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
385	1	XY-AHU-7B-3-05A	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
386	1	XZSH-AHU-7B-3-05A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
387	1	XZSL-AHU-7B-3-05A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
388	1	XY-AHU-7B-3-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
389	1	XZSH-AHU-7B-3-05B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
390	1	XZSL-AHU-7B-3-05B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
391	1	MT-AHU-7B-3-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
392	1	TT-AHU-7B-3-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
393	1	AS-AHU-7B-3-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	1
394	1	HS-SC-7B-3-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	DRY CONTACT
395	1	HS-SC-7B-3-002	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	DRY CONTACT
396	1	HS-EF-7B-3-03A	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	DRY CONTACT
397	1	HS-EF-7B-3-03B	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	DRY CONTACT
398											(7D L 0 2 47)		
399	1	TV-970078	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
400	1	TT-RH-B-2032-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
401	1	XY-SAV-B-2032-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
402	1	XY-EAV-B-2032-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
403			1]								l	

€	ES n g e	SLER ips	Takeda Hemobrás	TITLE:		С		SUBST O LIST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003 PRD-AIC-LIS-006	SHEET.: 19 / 85
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N°	WIRING DRIAGRAMS PANEL LAYOUT	REMOTE	NOTES
404	1	TV-970080	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
405	1	TT-RH-B-2033-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
406	1	XY-RAV-B-2033-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
407	1	PDT-RAV-B-2033-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
408	1	XY-SAV-B-2033-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
409	1	TV-970082	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
411	1	TT-RH-B-2034-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
412	1	XY-RAV-B-2034-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
413	1	PDT-RAV-B-2034-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
414	1	XY-SAV-B-2034-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
415 416	1	TV-970008	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
417	1	TT-RH-B-2035-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
418	1	XY-RAV-B-2035-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
419	1	PDT-RAV-B-2035-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
420	1	XY-SAV-B-2035-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
421 422	1	TV-970028	CONTROL VALVE HOTING COIL Ø3/4"	-	1	_	_	_	-	7B-M-0-5-47	(7B-I-0-3-17)	RM-AHU-7B-3	3
423	1	TT-RH-B-2036-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-23	7B-I-0-3-08 (7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
424	1	XY-RAV-B-2036-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
425	1	PDT-RAV-B-2036-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
426	1	XY-SAV-B-2036-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
427 428	1	TV-970086	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
429	1	TT-RH-B-2054-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
430	1	XY-RAV-B-2054-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
431	1	PDT-RAV-B-2054-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3

				TITLE:							DOC NR.:		SHEET.: 20 / 85
T ∈	ES	SLER ips	Takeda Hemobrás			D		SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
	_		Tripha case that remonitives expectations				<u> </u>	O LIST				PRD-AIC-LIS-006	1
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS	4	
ID	REV		SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
432	1	XY-SAV-B-2054-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
433											(7B-I-0-3-17)		
434	1	TV-970084	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-47	7B-I-0-3-08	RM-AHU-7B-3	3
435	1	TT-RH-B-2048-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
436	1	XY-RAV-B-2048-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
437	1	PDT-RAV-B-2048-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
438	1	XY-SAV-B-2048-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
439													
440	1	TV-9700438	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
441	1	TT-RH-B-2048-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
442	1	XY-RAV-B-2048-2	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
443	1	PDT-RAV-B-2048-2	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
444	1	XY-SAV-B-2048-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
445													
446	1	TV-9700434	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
447	1	TT-RH-B-2048-3	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
448	1	XY-SAV-B-2048-3	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
449											(70 0 0 47)		
450	1	TV-9700436	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
451	1	TT-RH-B-2048-4	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
452	1	XY-SAV-B-2048-4	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
453											(=0.100.4=)		
454	1	TV-9700432	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
455	1	TT-RH-B-2048-5	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	3
456	1	XY-SAV-B-2048-5	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	FIELD BUS
457													
458	1	FIT-EF-7B-3A	EXHAUST AIR	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	2
459	1	SC-EF-7B-3A	EXHAUST AIR	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	PROFINET
460	1	XA-SC-EF-7B-31A	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6

				TITLE:							DOC NR.:		SHEET.:
T	ES	SLER ips	Takeda Hemobrás	:			RUG	SUBST	ANCE		OLIENT ND .	569-DB7B-AIC-330-003	21 / 85
■	n g e	nnaria	Empresa brazile an de hema clarinados e biodecivilo de				I,	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANIAL 00	ANALOG	DIOITAL	DIOITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
461	1	XA-SC-EF-7B-32A	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
462	1	XA-SC-EF-7B-33A	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
463	1	XA-SC-EF-7B-34A	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
464	1	XA-SC-EF-7B-35A	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
465	1	XA-SC-EF-7B-36A	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
466	1	XA-SC-EF-7B-37A	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
467	1	XA-SC-EF-7B-38A	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
468	1	XA-SC-EF-7B-39A	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
469	1	FIT-EF-7B-3B	EXHAUST AIR	1	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	2
470	1	SC-EF-7B-3B	EXHAUST AIR	-	-	-	-	-	1	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	PROFINET
471	1	XA-SC-EF-7B-31B	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
472	1	XA-SC-EF-7B-32B	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
473	1	XA-SC-EF-7B-33B	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
474	1	XA-SC-EF-7B-34B	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
475	1	XA-SC-EF-7B-35B	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
476	1	XA-SC-EF-7B-36B	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
477	1	XA-SC-EF-7B-37B	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
478	1	XA-SC-EF-7B-38B	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
479	1	XA-SC-EF-7B-39B	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-23	(7B-I-0-3-17) 7B-I-0-3-08	SW-AHU-7B-3	6
480													
481	1	XA-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	
482	1	XA-RFD-B3001-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	
483	1	XA-RFD-B3001-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	
484	1	XA-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	
485	1	XA-RFD-B3001-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	
486	1	XA-RFD-B3001-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	
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□ €	'ES n g e	SLER ips	Takeda Hemobrás	TITLE:		D		SUBST /O LIST			DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003	SHEET.: 22 / 85
	1				Π	Ι	'	l List	<u> </u>	P&ID N°	WIRING DRIAGRAMS	PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
487	1	XA-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-l-0-3-17) 7B-l-0-3-08	RM-AHU-7B-3	
488	1	XA-RFD-B3001-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	
489	1	XA-RFD-B3001-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	
490	1	XS-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	
491	1	XS-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	
492	1	XS-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	
493	1	ETH-CRU-7B-4	COLD ROOM B2049	-	-	-	-	-	1	7B-M-0-5-30	(7B-I-0-3-17) 7B-I-0-3-08	RM-AHU-7B-3	ETHERNET
494													
495			TOTAL RM-AHU-7B-3	30	14	37	11	1	6				
496 497			SYSTEM RM-AHU-7B-3	AI	AO	DI	DO	PS	NETWORK POINTS				
498			SUB TOTAL SYSTEM AHU-7B-3	30	14	37	11	1	6				
499													
500	1	XY-AHU-7B-4-01A	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
501	1	XZSH-AHU-7B-4-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
502	1	XZSL-AHU-7B-4-001A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
503	1	XY-AHU-7B-4-01B	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
504	1	XZSH-AHU-7B-4-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
505	1	XZSL-AHU-7B-4-001B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
506	1	FIT-AHU-7B-4-001	RETURN CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
507	1	SC-AHU-7B-4-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	PROFINET
508	1	XA-SC-AHU-7B-411	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-24	(7B-l-0-3-18) 7B-l-0-3-08	SW-AHU-7B-4	6
509	1	XA-SC-AHU-7B-412	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
510	1	XA-SC-AHU-7B-413	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
511	1	XA-SC-AHU-7B-414	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
512	1	XA-SC-AHU-7B-415	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
513	1	XA-SC-AHU-7B-416	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6

				TITLE:							DOC NR.:		SHEET.:
T	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	23 / 85
■	nge	illiaria Ipo	Empresa Drazille zu die heim zider had die de Brota challogia				L	O LIST			CLIENT NK.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
514	1	XA-SC-AHU-7B-417	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
515	1	XA-SC-AHU-7B-418	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
516	1	XA-SC-AHU-7B-419	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
517	1	XY-AHU-7B-4-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
518	1	XZSH-AHU-7B-4-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
519	1	XZSL-AHU-7B-4-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
520	1	XY-AHU-7B-4-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
521	1	XZSH-AHU-7B-4-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
522	1	XZSL-AHU-7B-4-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
523	1	XY-AHU-7B-4-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
524	1	XZSH-AHU-7B-4-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
525	1	XZSL-AHU-7B-4-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
526	1	XY-AHU-7B-4-03B	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
527	1	XZSH-AHU-7B-4-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
528	1	XZSL-AHU-7B-4-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
529	1	HC-AHU-7B-4-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
530	1	XZSH-AHU-7B-4-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
531	1	XZSL-AHU-7B-4-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
532	1	HC-AHU-7B-4-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
533	1	XZSH-AHU-7B-4-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
534	1	XZSL-AHU-7B-4-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
535	1	MT-AHU-7B-4-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
536	1	TT-AHU-7B-4-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
537	1	PT-AHU-7B-4-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
538	1	PT-AHU-7B-4-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
539	1	PDIT-AHU-7B-4-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
			1	<u> </u>	<u> </u>		<u> </u>	<u> </u>		I.	1 D-1-0-3-00	1	

				TITLE:							DOC NR.:		SHEET.:
Ţ	ES	SLER ips	Takeda Hemobrás	:			RUG	SUBST	ANCE			569-DB7B-AIC-330-003	24 / 85
□	ng€	nnaria 199	Empresa brazile in de hemoden ados e biodecivilo de				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOC	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
540	1	TV-960014	SUPPLY WATER FOR AHU-7B-04 - Ø2.1/2"	-	1	-	-	-	-	7B-M-0-5-43	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
541	1	PDS-AHU-7B-4-001	DIFFERENTIAL PRESSURE IN FILTER F9	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
542	1	PDS-AHU-7B-4-002	DIFFERENTIAL PRESSURE IN FILTER H13	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
543	1	ZS-AHU-7B-4-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
544	1	FIT-AHU-7B-4-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
545	1	SC-AHU-7B-4-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	PROFINET
546	1	XA-SC-AHU-7B-421	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
547	1	XA-SC-AHU-7B-422	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
548	1	XA-SC-AHU-7B-423	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
549	1	XA-SC-AHU-7B-424	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
550	1	XA-SC-AHU-7B-425	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
551	1	XA-SC-AHU-7B-426	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
552	1	XA-SC-AHU-7B-427	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
553	1	XA-SC-AHU-7B-428	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
554	1	XA-SC-AHU-7B-429	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	SW-AHU-7B-4	6
555	1	TT-960014	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
556	1	ZS-AHU-7B-4-002	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
557	1	XY-AHU-7B-4-05A	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
558	1	XZSH-AHU-7B-4-05A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
559	1	XZSL-AHU-7B-4-05A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
560	1	XY-AHU-7B-4-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
561	1	XZSH-AHU-7B-4-05B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
562	1	XZSL-AHU-7B-4-05B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
563	1	MT-AHU-7B-4-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
564	1	TT-AHU-7B-4-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
565	1	AS-AHU-7B-4-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	1
			-		-			-	-			•	

		CLCD.		TITLE:			DUA	OLIDOT	ANOF		DOC NR.:	500 DDTD 410 000 000	SHEET.: 25 / 85
€	n g e	SLER ips	Takeda Hemobrás			L		SUBST /O LIST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
				41141.00		DIOITAL			NETWORK	P&ID N°	WIRING DRIAGRAMS	PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
566	1	HS-SC-7B-4-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	DRY CONTACT
567	1	HS-SC-7B-4-002	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	DRY CONTACT
568													
569	1	TV-970032	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	3
570	1	TT-RH-B-2038-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	3
571	1	XY-RAV-B-2038-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	FIELD BUS
572	1	PDT-RAV-B-2038-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	3
573	1	XY-SAV-B-2038-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	FIELD BUS
574 575	1	TV-970036	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	3
576	1	TT-RH-B-2039-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	3
577	1	XY-RAV-B-2039-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	FIELD BUS
578	1	PDT-RAV-B-2039-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	3
579	1	XY-SAV-B-2039-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	FIELD BUS
580 581	1	TV-9700454	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	3
582	1	TT-RH-B-2039-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-08) 7B-I-0-3-08	RM-AHU-7B-4	3
583	1	XY-RAV-B-2039-2	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-24	(7B-I-0-3-08) 7B-I-0-3-08	RM-AHU-7B-4	FIELD BUS
584	1	PDT-RAV-B-2039-2	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	3
585	1	XY-SAV-B-2039-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	FIELD BUS
586											(7B-I-0-3-18)		
587		TV-9700450	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	<u>-</u>	-	7B-M-0-5-47	7B-I-0-3-08 (7B-I-0-3-18)	RM-AHU-7B-4	3
588	1	TT-RH-B-2039-3	CONTROL VALVE HOTING COIL	1	-		-	<u>-</u>	-	7B-M-0-5-24	7B-I-0-3-08 (7B-I-0-3-18)	RM-AHU-7B-4	3
589 590	1	XY-SAV-B-2039-3	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-24	7B-I-0-3-08	RM-AHU-7B-4	FIELD BUS
591	1	TV-9700452	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	3
592	1	TT-RH-B-2039-4	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	3
593	1	XY-SAV-B-2039-4	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	FIELD BUS
594													

€	ES n g e	SLER ips	Takeda Hemobrás	TITLE:		C		SUBST /O LIST			DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003	SHEET.: 26 / 85
					1	1	'	T LIGI		P&ID N°	WIRING DRIAGRAMS	PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
595	1	TV-970070	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-49	(7B-l-0-3-18) 7B-l-0-3-08	RM-AHU-7B-4	3
596	1	TT-RH-B-2045-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	3
597	1	XY-RAV-B-2045-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	FIELD BUS
598	1	PDT-RAV-B-2045-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	3
599	1	XY-SAV-B-2045-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-24	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	FIELD BUS
600													
601	1	XA-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	
602	1	XA-RFD-B3001-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	
603	1	XA-RFD-B3001-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	
604	1	XA-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	
605	1	XA-RFD-B3001-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	
606	1	XA-RFD-B3001-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	
607	1	XA-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-18) 7B-I-0-3-08	RM-AHU-7B-4	
608	1		RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-18) 7B-I-0-3-08 (7B-I-0-3-18)	RM-AHU-7B-4	
609	1		RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7B-I-0-3-18) 7B-I-0-3-18)	RM-AHU-7B-4	
610	1		RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	7B-I-0-3-18) 7B-I-0-3-18)	RM-AHU-7B-4	
611	1		RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	7B-I-0-3-16) 7B-I-0-3-08 (7B-I-0-3-18)	RM-AHU-7B-4	
612	1	XS-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	7B-I-0-3-08	RM-AHU-7B-4	
613													
614			TOTAL RM-AHU-7B-4	20	9	36	11	1	3				
616			TOTAL KWI-ARU-76-4	20	9	30	''	'	3				
617			SYSTEM RM-AHU-7B-4	Al	AO	DI	DO	PS	NETWORK POINTS				
618			SUB TOTAL SYSTEM AHU-7B-4	20	9	36	11	1	3				
619													
620	1	XY-AHU-7B-5-01A	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
621	1	XZSH-AHU-7B-5-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1

				TITLE:							DOC NR.:		SHEET.:
	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE			569-DB7B-AIC-330-003	27 / 85
⊞ ⊕ ∈	ng€	nharia	Empresa brazile sis del hem aden vados e brote ovologio				I	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOC	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
622	1	XZSL-AHU-7B-5-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
623	1	XY-AHU-7B-5-01B	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
624	1	XZSH-AHU-7B-5-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
625	1	XZSL-AHU-7B-5-01B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
626	1	FIT-AHU-7B-5-001	RETURN CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
627	1	SC-AHU-7B-5-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	PROFINET
628	1	XA-SC-AHU-7B-511	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
629	1	XA-SC-AHU-7B-512	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
630	1	XA-SC-AHU-7B-513	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
631	1	XA-SC-AHU-7B-514	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
632	1	XA-SC-AHU-7B-515	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
633	1	XA-SC-AHU-7B-516	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
634	1	XA-SC-AHU-7B-517	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
635	1	XA-SC-AHU-7B-518	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
636	1	XA-SC-AHU-7B-519	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
637	1	XY-AHU-7B-5-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
638	1	XZSH-AHU-7B-5-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
639	1	XZSL-AHU-7B-5-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
640	1	XY-AHU-7B-5-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
641	1	XZSH-AHU-7B-5-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
642	1	XZSL-AHU-7B-5-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
643	1	XY-AHU-7B-5-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
644	1	XZSH-AHU-7B-5-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
645	1	XZSL-AHU-7B-5-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
646	1	XY-AHU-7B-5-03B	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
647	1	XZSH-AHU-7B-5-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1

				TITLE:							DOC NR.:		SHEET.: 28 / 85
	CS.	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	28 / 85 REV.:
	ii y e		Emprosa brasile se de homa demados e Boste osologio				I,	O LIST			CLIENT NK	PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT	ANALOG OUTPUT	INPUT	OUTPUT	POWER SUPPLY	NETWORK POINTS	P&ID N°	WIRING DRIAGRAMS	REMOTE	NOTES
				Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
648	1	XZSL-AHU-7B-5-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
649	1	HC-AHU-7B-5-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
650	1	XZSH-AHU-7B-5-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
651	1	XZSL-AHU-7B-5-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
652	1	HC-AHU-7B-5-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
653	1	XZSH-AHU-7B-5-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
654	1	XZSL-AHU-7B-5-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
655	1	MT-AHU-7B-5-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
656	1	TT-AHU-7B-5-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
657	1	PT-AHU-7B-5-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
658	1	PT-AHU-7B-5-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
659	1	PDIT-AHU-7B-5-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
660	1	TV-960015	SUPPLY WATER FOR AHU-7B-05 - Ø2"	-	1	-	-	-	-	7B-M-0-5-43	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
661	1	PDS-AHU-7B-5-001	DIFFERENTIAL PRESSURE IN FILTER F9	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
662	1	ZS-AHU-7B-5-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
663	1	FIT-AHU-7B-5-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
664	1	SC-AHU-7B-5-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	PROFINET
665	1	XA-SC-AHU-7B-521	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
666	1	XA-SC-AHU-7B-522	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
667	1	XA-SC-AHU-7B-523	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
668	1	XA-SC-AHU-7B-524	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
669	1	XA-SC-AHU-7B-525	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
670	1	XA-SC-AHU-7B-526	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
671	1	XA-SC-AHU-7B-527	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
672	1	XA-SC-AHU-7B-528	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
673	1	XA-SC-AHU-7B-529	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6

				TITLE:							DOC NR.:		SHEET.:
T.	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE			569-DB7B-AIC-330-003	29 / 85
□	ng€	nnaria	Emphasi brasilia as de hem edenkados e la otacivilo da				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				41141.00	4344.00	DIOITAL	DIOITAL	DOWED	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	ANALOG OUTPUT AO		OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
674	1	TT-960015	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
675	1	ZS-AHU-7B-5-002	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
676	1	XY-AHU-7B-5-05A	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
677	1	XZSH-AHU-7B-5-05A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
678	1	XZSL-AHU-7B-5-05A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
679	1	XY-AHU-7B-5-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
680	1	XZSH-AHU-7B-5-05B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
681	1	XZSL-AHU-7B-5-05B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
682	1	MT-AHU-7B-5-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
683	1	TT-AHU-7B-5-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
684	1	AS-AHU-7B-5-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	1
685	1	HS-SC-7B-5-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	DRY CONTACT
686	1	HS-SC-7B-5-002	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	DRY CONTACT
687	1	HS-EF-7B-5-05A	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	DRY CONTACT
688													
689	1	TV-970060	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
690	1	TT-RH-B-2040-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
691	1	XY-RAV-B-2040-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
692	1	PDT-RAV-B-2040-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
693	1	XY-SAV-B-2040-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
694											(70 1 0 0 40)		
695	1	TV-970064	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
696	1	TT-RH-B-2041-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
697	1	XY-RAV-B-2041-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
698	1	PDT-RAV-B-2041-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
699	1	XY-SAV-B-2041-1	FLOW CONTROL IN ROOM	-	-	<u> </u>	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
700					<u> </u>				l				

T	`∈S n g ∈	SLER ips	Takeda Hemobrás	TITLE:		С		SUBST /O LIST			DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003 PRD-AIC-LIS-006	SHEET.: 30 / 85
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N°	WIRING DRIAGRAMS PANEL LAYOUT	REMOTE	NOTES
701	1	TV-970066	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
702	1	TT-RH-B-2042-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
703	1	XY-RAV-B-2042-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
704	1	PDT-RAV-B-2042-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
705	1	XY-SAV-B-2042-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
706 707	1	TV-970062	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
708	1	TT-RH-B-2043-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
709	1	XY-RAV-B-2043-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
710	1	PDT-RAV-B-2043-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-		7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
711	1	XY-SAV-B-2043-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
712 713	1	TV-970072	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
714	1	TT-RH-B-2047-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
715	1	XY-RAV-B-2047-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
716	1	PDT-RAV-B-2047-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
717	1	XY-SAV-B-2047-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
718 719	1	TV-970068	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
720	1	TT-RH-B-2044-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
721	1	XY-RAV-B-2044-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
722	1	PDT-RAV-B-2044-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
723	1	XY-SAV-B-2044-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
724 725	1	TV-9700470	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
726	1	TT-RH-B-2044-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
727	1	XY-RAV-B-2044-2	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
728	1	PDT-RAV-B-2044-2	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3

				TITLE:							DOC NR.:		SHEET.: 31 / 85
T ∈	ES nge	SLER ips	Takeda Hemobrás	5				SUBST			CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
	_		organia desive si di fremonimizza e di dell'orizo				<u> </u>	O LIST	1	Ī		PRD-AIC-LIS-006	1
15	DEV		SERVICE	ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS	DEMOTE	NOTES
ID	REV		SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
729	1	XY-SAV-B-2044-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
730													
731	1	TV-970074	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
732	1	TT-RH-B-2046-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
733	1	XY-RAV-B-2046-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
734	1	PDT-RAV-B-2046-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	3
735	1	XY-SAV-B-2046-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	FIELD BUS
736													
737	1	FIT-EF-7B-5A	EXHAUST AIR	1	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	2
738	1	SC-EF-7B-5A	EXHAUST AIR	-	-	-	-	-	1	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	PROFINET
739	1	XA-SC-EF-7B-51A	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
740	1	XA-SC-EF-7B-52A	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
741	1	XA-SC-EF-7B-53A	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
742	1	XA-SC-EF-7B-54A	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
743	1	XA-SC-EF-7B-55A	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
744	1	XA-SC-EF-7B-56A	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
745	1	XA-SC-EF-7B-57A	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
746	1	XA-SC-EF-7B-58A	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
747	1	XA-SC-EF-7B-59A	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-25	(7B-I-0-3-19) 7B-I-0-3-08	SW-AHU-7B-5	6
748											12.000		
749	1	XA-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	
750	1	XA-RFD-B3001-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	
751	1	XA-RFD-B3001-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-08 7B-I-0-3-08	RM-AHU-7B-5	
752	1	XA-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-08 7B-I-0-3-08	RM-AHU-7B-5	
753	1	XA-RFD-B3001-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-08 (7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	
754	1	XA-RFD-B3001-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-08 (7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	
755	1	XA-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	١.	-	1	-	-	-	-	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	

T	ES n g e	SLER ips	Takeda Hemobrás	TITLE:		С		SUBST /O LIST			DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003 PRD-AIC-LIS-006	SHEET:: 32 / 85 REV.:
								1		P&ID N°	WIRING DRIAGRAMS	PRD-AIC-LIS-000	+ ' -
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
756	1	XA-RFD-B3001-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	
757	1	XA-RFD-B3001-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	
758	1	XS-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	1	-	-	1	-	-	-	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	
759	1	XS-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	
760	1	XS-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-19) 7B-I-0-3-08	RM-AHU-7B-5	
761													
762													
763													
764			TOTAL RM-AHU-7B-5	27	11	36	11	1	4				
765 766			SYSTEM RM-AHU-7B-5	AI	AO	DI	DO	PS	NETWORK POINTS				
767			SUB TOTAL SYSTEM AHU-7B-5	27	11	36	11	1	4				
768													
769	1	XY-AHU-7B-6-01A	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
770	1	XZSH-AHU-7B-6-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
771	1	XZSL-AHU-7B-6-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
772	1	XY-AHU-7B-6-01B	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
773	1	XZSH-AHU-7B-6-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
774	1	XZSL-AHU-7B-6-01B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
775	1	FIT-AHU-7B-6-001	RETURN CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
776	1	SC-AHU-7B-6-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	PROFINET
777	1	XA-SC-AHU-7B-611	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
778	1	XA-SC-AHU-7B-612	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
779	1	XA-SC-AHU-7B-613	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
780	1	XA-SC-AHU-7B-614	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
781	1	XA-SC-AHU-7B-615	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
782	1	XA-SC-AHU-7B-616	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6

				TITLE:							DOC NR.:		SHEET.:
T	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		OLIENT ND .	569-DB7B-AIC-330-003	33 / 85
■ =	ng€	nnaria 199	Emprisa Draulie es de homo de mados e Brotacoslogia.				I	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOC	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
783	1	XA-SC-AHU-7B-617	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
784	1	XA-SC-AHU-7B-618	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
785	1	XA-SC-AHU-7B-619	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
786	1	XY-AHU-7B-6-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
787	1	XZSH-AHU-7B-6-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
788	1	XZSL-AHU-7B-6-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
789	1	XY-AHU-7B-6-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
790	1	XZSH-AHU-7B-6-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
791	1	XZSL-AHU-7B-6-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
792	1	XY-AHU-7B-6-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
793	1	XZSH-AHU-7B-6-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
794	1	XZSL-AHU-7B-6-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
795	1	XY-AHU-7B-6-03B	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
796	1	XZSH-AHU-7B-6-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
797	1	XZSL-AHU-7B-6-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
798	1	HC-AHU-7B-6-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
799	1	XZSH-AHU-7B-6-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
800	1	XZSL-AHU-7B-6-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
801	1	HC-AHU-7B-6-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
802	1	XZSH-AHU-7B-6-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
803	1	XZSL-AHU-7B-6-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
804	1	MT-AHU-7B-6-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
805	1	TT-AHU-7B-6-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
806	1	PT-AHU-7B-6-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
807	1	PT-AHU-7B-6-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
808	1	PDIT-AHU-7B-6-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
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				TITLE:							DOC NR.:		SHEET.:
TESSLER ips Takeda III Hemobrás						RUG	SUBST	ANCE		569-DB7B-AIC-330-003		34 / 85	
Trengennaria		illaria	Empresa brasille sa dia homa dianna dianna dia no dia da				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO		POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
809	1	TV-960016	SUPPLY WATER FOR AHU-7B-06 - Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-43	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
810	1	PDS-AHU-7B-6-001	DIFFERENTIAL PRESSURE IN FILTER F9	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
811	1	ZS-AHU-7B-6-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
812	1	FIT-AHU-7B-6-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
813	1	SC-AHU-7B-6-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	PROFINET
814	1	XA-SC-AHU-7B-621	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
815	1	XA-SC-AHU-7B-622	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
816	1	XA-SC-AHU-7B-623	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
817	1	XA-SC-AHU-7B-624	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
818	1	XA-SC-AHU-7B-625	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
819	1	XA-SC-AHU-7B-626	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
820	1	XA-SC-AHU-7B-627	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
821	1	XA-SC-AHU-7B-628	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
822	1	XA-SC-AHU-7B-629	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
823	1	TT-960016	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
824	1	ZS-AHU-7B-6-002	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
825	1	XY-AHU-7B-6-05A	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
826	1	XZSH-AHU-7B-6-05A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
827	1	XZSL-AHU-7B-6-05A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
828	1	XY-AHU-7B-6-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
829	1	XZSH-AHU-7B-6-05B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
830	1	XZSL-AHU-7B-6-05B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
831	1	MT-AHU-7B-6-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
832	1	TT-AHU-7B-6-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
833	1	AS-AHU-7B-6-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	1
834	1	HS-SC-7B-6-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	DRY CONTACT
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				TITLE:							DOC NR.:		SHEET.:
TESSLER ips Takeda III Hemobrás						RUG	SUBST	ANCE		569-DB7B-AIC-330-003		35 / 85	
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				ANALOG	ANALOG	DIOITAL	DIOITAL	DOWED	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		INPUT AI	OUTPUT AO		SUPPLY	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES		
835	1	HS-SC-7B-6-002	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	DRY CONTACT
836	1	HS-EF-7B-6-06A	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	DRY CONTACT
837	1	HS-EF-7B-6-06B	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	DRY CONTACT
838													
839	1	TV-970054	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
840	1	TT-RH-B-2008-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
841	1	XY-RAV-B-2008-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	FIELD BUS
842	1	PDT-RAV-B-2008-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
843	1	XY-SAV-B-2008-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	FIELD BUS
844 845	1	TV-970052	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
846	1	TT-RH-B-2010-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-00) 7B-I-0-3-08	RM-AHU-7B-6	3
847	1	XY-SAV-B-2010-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	FIELD BUS
848	1	XY-EAV-B-2010-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	FIELD BUS
849					<u> </u>						(7B-I-0-3-20)		
850	1	TV-970042	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-49	7B-I-0-3-08	RM-AHU-7B-6	3
851	1	TT-RH-B-2011-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
852	1	XY-RAV-B-2011-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	FIELD BUS
853	1	PDT-RAV-B-2011-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
854	1	XY-SAV-B-2011-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	FIELD BUS
855 856	1	TV-970046	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
857	1	TT-RH-B-2012-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-00) 7B-I-0-3-08	RM-AHU-7B-6	3
858	1	XY-RAV-B-2012-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	FIELD BUS
859	1	PDT-RAV-B-2012-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
860	1	XY-SAV-B-2012-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	FIELD BUS
861 862	1	TV-970040	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-49	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3

				TITLE:							DOC NR.:		SHEET.: 36 / 85
TESSLER IPS Takeda III Hemobrás							SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	REV.:	
	. 5 -		triprisa brasile ta de hemodern ados e broteonidos				I	O LIST				PRD-AIC-LIS-006	1
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS	_	
ID	REV		SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
863	1	TT-RH-B-2013-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
864	1	XY-RAV-B-2013-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	FIELD BUS
865	1	PDT-RAV-B-2013-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
866 867	1	XY-SAV-B-2013-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	FIELD BUS
868	1	TV-970044	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	<u> </u>	-	-	7B-M-0-5-49	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
869	1	TT-RH-B-2014-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
870	1	XY-RAV-B-2014-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	FIELD BUS
871	1	PDT-RAV-B-2014-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	3
872	1	XY-SAV-B-2014-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	FIELD BUS
873													
874	1	FIT-EF-7B-6A	EXHAUST AIR	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	2
875	1	SC-EF-7B-6A	EXHAUST AIR	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	PROFINET
876	1	XA-SC-EF-7B-61A	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
877	1	XA-SC-EF-7B-62A	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
878	1	XA-SC-EF-7B-63A	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
879	1	XA-SC-EF-7B-64A	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
880	1	XA-SC-EF-7B-65A	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	ı	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
881	1	XA-SC-EF-7B-66A	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
882	1	XA-SC-EF-7B-67A	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
883	1	XA-SC-EF-7B-68A	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
884	1	XA-SC-EF-7B-69A	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
885	1	FIT-EF-7B-6B	EXHAUST AIR	1	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08 (7B-I-0-3-20)	RM-AHU-7B-6	2
886		SC-EF-7B-6B	EXHAUST AIR	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08 (7B-I-0-3-20)	SW-AHU-7B-6	PROFINET
887		XA-SC-EF-7B-61B	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-26	7B-I-0-3-08 (7B-I-0-3-20)	SW-AHU-7B-6	6
888		XA-SC-EF-7B-62B	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	7B-I-0-3-08 (7B-I-0-3-20)	SW-AHU-7B-6	6
889	1	XA-SC-EF-7B-63B	FAULT VFD ROTOR LOCKED (ALARM)		_		_	-		7B-M-0-5-26	7B-I-0-3-20)	SW-AHU-7B-6	6

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ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
890	1	XA-SC-EF-7B-64B	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
891	1	XA-SC-EF-7B-65B	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
892	1	XA-SC-EF-7B-66B	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
893	1	XA-SC-EF-7B-67B	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
894	1	XA-SC-EF-7B-68B	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
895	1	XA-SC-EF-7B-69B	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	SW-AHU-7B-6	6
896													
897	1	XA-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	
898	1	XA-RFD-B3001-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	
899	1	XA-RFD-B3001-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	
900	1	XA-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	
901	1	XA-RFD-B3001-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	
902	1	XA-RFD-B3001-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	
903	1	XA-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	
904	1	XA-RFD-B3001-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	
905	1	XA-RFD-B3001-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	
906	1	XS-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	
907	1	XS-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	
908	1	XS-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	
909	1	ETH-CRU-7B-3	COLD ROOM B2007 & B2009	-	-	-	-	-	1	7B-M-0-5-26	(7B-I-0-3-20) 7B-I-0-3-08	RM-AHU-7B-6	ETHERNET
910													
911 912			TOTAL RM-AHU-7B-6	23	9	37	11	1	6				
912			SYSTEM RM-AHU-7B-6	Al	AO	DI	DO	PS	NETWORK POINTS				
914			SUB TOTAL SYSTEM AHU-7B-6	23	9	37	11	1	6				
915													
916	1	XY-AHU-7B-7-01A	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1

				TITLE:							DOC NR.:		SHEET.:
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□	n g e	nharia	Empresa brasilla sa de hem edentados e biolecirologas				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOC	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
917	1	XZSH-AHU-7B-7-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
918	1	XZSL-AHU-7B-7-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
919	1	FIT-AHU-7B-7-001	RETURN CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
920	1	SC-AHU-7B-7-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	PROFINET
921	1	XA-SC-AHU-7B-711	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
922	1	XA-SC-AHU-7B-712	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
923	1	XA-SC-AHU-7B-713	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
924	1	XA-SC-AHU-7B-714	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
925	1	XA-SC-AHU-7B-715	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
926	1	XA-SC-AHU-7B-716	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
927	1	XA-SC-AHU-7B-717	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
928	1	XA-SC-AHU-7B-718	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
929	1	XA-SC-AHU-7B-719	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
930	1	XY-AHU-7B-7-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
931	1	XZSH-AHU-7B-7-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
932	1	XZSL-AHU-7B-7-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
933	1	XY-AHU-7B-7-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
934	1	XZSH-AHU-7B-7-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
935	1	XZSL-AHU-7B-7-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
936	1	XY-AHU-7B-7-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
937	1	XZSH-AHU-7B-7-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
938	1	XZSL-AHU-7B-7-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
939	1	XY-AHU-7B-7-03B	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
940	1	XZSH-AHU-7B-7-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
941	1	XZSL-AHU-7B-7-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
942	1	HC-AHU-7B-7-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1

T	ES n g є	SLER ips	Takeda Hemobrás Empres brails in de hemodrinatin et bistrockog	TITLE:		D		SUBST	ANCE		DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003	SHEET.: 39 / 85
	Ī	_ 			ı	Γ	<u> </u>	O LIST		P&ID N°	WIRING DRIAGRAMS	PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
943	1	XZSH-AHU-7B-7-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
944	1	XZSL-AHU-7B-7-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
945	1	HC-AHU-7B-7-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
946	1	XZSH-AHU-7B-7-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
947	1	XZSL-AHU-7B-7-04B	CLOSED DAMPER SWITCH	-	-	1	-	ı	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
948	1	MT-AHU-7B-7-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	ı	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
949	1	TT-AHU-7B-7-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
950	1	PT-AHU-7B-7-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
951	1	PT-AHU-7B-7-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
952	1	PDIT-AHU-7B-7-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
953	1	TV-960017	SUPPLY WATER FOR AHU-7B-07 - Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-43	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
954	1	PDS-AHU-7B-7-001	DIFFERENTIAL PRESSURE IN FILTER F9	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
955	1	ZS-AHU-7B-7-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
956	1	FIT-AHU-7B-7-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
957	1	SC-AHU-7B-7-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	PROFINET
958	1	XA-SC-AHU-7B-721	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
959	1	XA-SC-AHU-7B-722	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
960	1	XA-SC-AHU-7B-723	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
961	1	XA-SC-AHU-7B-724	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
962	1	XA-SC-AHU-7B-725	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
963	1	XA-SC-AHU-7B-726	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
964	1	XA-SC-AHU-7B-727	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
965	1	XA-SC-AHU-7B-728	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
966	1	XA-SC-AHU-7B-729	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	SW-AHU-7B-7	6
967	1	TT-960017	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
968	1	ZS-AHU-7B-7-002	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1

			TITLE:							DOC NR.:		SHEET.: 40 / 85
ES !	SLER ips	Takeda Hemobrás	;				SUBST			CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
9 - 1		Empresa braule na de hem odernadou e brotsonologia				I	O LIST				PRD-AIC-LIS-006	1
REV		SERVICE	ANALOG INPUT AI			DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N° OR EQUIPMENT	WIRING DRIAGRAMS PANEL LAYOUT	REMOTE	NOTES
1	XY-AHU-7B-7-05A	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-27	(7B-I-0-3-21)	RM-AHU-7B-7	1
1	XZSH-AHU-7B-7-05A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21)	RM-AHU-7B-7	1
1	XZSL-AHU-7B-7-05A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
1	XY-AHU-7B-7-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
1	XZSH-AHU-7B-7-05B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	1
1	XZSL-AHU-7B-7-05B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-27	7B-I-0-3-08	RM-AHU-7B-7	1
1	MT-AHU-7B-7-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-27	7B-I-0-3-08	RM-AHU-7B-7	1
1	TT-AHU-7B-7-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-27	7B-I-0-3-08	RM-AHU-7B-7	1
1	AS-AHU-7B-7-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7B-M-0-5-27	7B-I-0-3-08	RM-AHU-7B-7	1
1	HS-SC-7B-7-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-27	7B-I-0-3-08	RM-AHU-7B-7	DRY CONTACT
1	HS-SC-7B-7-002	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	DRY CONTACT
1	TV-9700024	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
1	TT-RH-B-2004-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
1	XY-RAV-B-2004-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	FIELD BUS
1	PDT-RAV-B-2004-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
1	XY-SAV-B-2004-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	FIELD BUS
1	TV-970014	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-21)	RM-AHU-7B-7	3
1	TT-RH-B-2023-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21)	RM-AHU-7B-7	3
1	XY-RAV-B-2023-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21)	RM-AHU-7B-7	FIELD BUS
1	PDT-RAV-B-2023-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
1	XY-SAV-B-2023-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	FIELD BUS
1	TV-970012	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
1	TT-RH-B-2025-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21)	RM-AHU-7B-7	3
1	XY-RAV-B-2025-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21)	RM-AHU-7B-7	FIELD BUS
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_ _	SERVICE 1 XY-AHU-7B-7-05A SUPLLY AIR DAMPER CONTROL 1 XZSH-AHU-7B-7-05A OPEN DAMPER SWITCH 1 XZSL-AHU-7B-7-05A CLOSED DAMPER SWITCH 1 XY-AHU-7B-7-05B SUPLLY AIR DAMPER CONTROL 1 XZSH-AHU-7B-7-05B OPEN DAMPER SWITCH 1 XZSL-AHU-7B-7-05B CLOSED DAMPER SWITCH 1 XZSL-AHU-7B-7-05B CLOSED DAMPER SWITCH 1 XZSL-AHU-7B-7-002 SUPPLY HUMIDITY AIR IN THE DUCKT 1 TT-AHU-7B-7-001 SMOKE INDICATION IN THE INSITE DUCT 1 AS-AHU-7B-7-001 LOCK SWITCH VFD AHU 1 HS-SC-7B-7-001 LOCK SWITCH VFD AHU 1 TV-9700024 CONTROL VALVE HOTING COIL Ø3/4* 1 TT-RH-B-2004-1 PRESSURE CONTROL IN ROOM 1 PDT-RAV-B-2004-1 FLOW CONTROL IN ROOM 1 TV-970014 CONTROL VALVE HOTING COIL Ø3/4* 1 TT-RH-B-2023-1 CONTROL VALVE HOTING COIL 1 XY-RAV-B-2023-1 PRESSURE CONTROL IN ROOM 1 TV-970014 CONTROL VALVE HOTING COIL 1 XY-RAV-B-2023-1 PRESSURE CONTROL IN ROOM 1 TV-970014 CONTROL VALVE HOTING COIL 1 XY-RAV-B-2023-1 PRESSURE CONTROL IN ROOM 1 TV-970014 CONTROL VALVE HOTING COIL 1 XY-RAV-B-2023-1 PRESSURE CONTROL IN ROOM 1 TV-970014 CONTROL VALVE HOTING COIL 1 XY-RAV-B-2023-1 PRESSURE CONTROL IN ROOM 1 TV-970014 CONTROL VALVE HOTING COIL 1 XY-RAV-B-2023-1 PRESSURE CONTROL IN ROOM 1 TV-970012 CONTROL VALVE HOTING COIL Ø3/4* 1 TT-RH-B-2025-1 CONTROL VALVE HOTING COIL	XY-AHU-7B-7-05A SUPLLY AIR DAMPER CONTROL -	XY-AHU-7B-7-05A SUPLLY AIR DAMPER CONTROL - - - XZSH-AHU-7B-7-05A OPEN DAMPER SWITCH - - - XZSH-AHU-7B-7-05A CLOSED DAMPER SWITCH - - - XZSH-AHU-7B-7-05B SUPLLY AIR DAMPER CONTROL - - XZSH-AHU-7B-7-05B SUPLLY AIR DAMPER SWITCH - - XZSH-AHU-7B-7-05B OPEN DAMPER SWITCH - - XZSL-AHU-7B-7-05B CLOSED DAMPER SWITCH - - XZSL-AHU-7B-7-05B CLOSED DAMPER SWITCH - - MT-AHU-7B-7-002 SUPPLY HUMIDITY AIR IN THE DUCKT 1 - MT-AHU-7B-7-002 SUPPLY TEMPERATURE AIR IN THE DUCT 1 - AS-AHU-7B-7-001 SMOKE INDICATION IN THE INSITE DUCT - - 1 HS-SC-7B-7-001 LOCK SWITCH VFD AHU - - 1 HS-SC-7B-7-002 LOCK SWITCH VFD AHU - - 1 TV-9700024 CONTROL VALVE HOTING COIL Ø3/4* - 1 1 1 TT-RH-B-2004-1 PRESSURE CONTROL IN ROOM - - 1 XY-RAV-B-2004-1 PRESSURE CONTROL IN ROOM 1 - 1 TV-970014 CONTROL VALVE HOTING COIL Ø3/4* - 1 1 TT-RH-B-2023-1 PRESSURE CONTROL IN ROOM - - 1 TY-970014 CONTROL VALVE HOTING COIL Ø3/4* - 1 1 TT-RH-B-2023-1 PRESSURE CONTROL IN ROOM - -	Name	SERVICE	SERVICE	SERVICE	No. National Part Nation	NOTE SERVICE NAME NOTE NOTE	No. No. No. No.

П	ES	SLER ips	Takeda Hemobrás	TITLE:		Γ	RUG	SUBST	ANCE		DOC NR.:	569-DB7B-AIC-330-003	SHEET.: 41 / 85
€	n g e	nharia ips	Takeda Hemobrás			_		O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
							DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
996	1	PDT-RAV-B-2025-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
997	1	XY-SAV-B-2025-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	FIELD BUS
998	1	TV-970018	CONTROL VALVE HOTING COIL Ø3/4"	_	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-21)	RM-AHU-7B-7	3
1000	1	TT-RH-B-2024-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-27	7B-I-0-3-08 (7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
1001	1	XY-RAV-B-2024-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	FIELD BUS
1002	1	PDT-RAV-B-2024-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
1003	1	XY-SAV-B-2024-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	FIELD BUS
1004	1	TV-970016	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
1006	1	TT-RH-B-2026-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
1007	1	XY-RAV-B-2026-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	FIELD BUS
1008	1	PDT-RAV-B-2026-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
1009	1	XY-SAV-B-2026-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	FIELD BUS
1010	1	TV-970026	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-47	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
1012	1	TT-RH-B-2003-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	3
1013	1	XY-SAV-B-2003-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	FIELD BUS
1014													
1015	1	XA-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	
1016	1	XA-RFD-B3001-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	
1017	1	XA-RFD-B3001-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-21) 7B-I-0-3-08 (7B-I-0-3-21)	RM-AHU-7B-7	
1018	1		RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7B-I-0-3-08 (7B-I-0-3-21)	RM-AHU-7B-7	
1019	1		RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	7B-I-0-3-08 (7B-I-0-3-21)	RM-AHU-7B-7	
1020	1		RECTANGULAR FIRE DAMPER	-	-	1	·	-	-	-	7B-I-0-3-08 (7B-I-0-3-21)	RM-AHU-7B-7	
1021	1		RECTANGULAR FIRE DAMPER RECTANGULAR FIRE DAMPER		· ·	1	· ·	-	-	-	7B-I-0-3-08 (7B-I-0-3-21)	RM-AHU-7B-7 RM-AHU-7B-7	+
1022	1		RECTANGULAR FIRE DAMPER RECTANGULAR FIRE DAMPER	-		1		_	-	-	7B-I-0-3-08 (7B-I-0-3-21)	RM-AHU-7B-7	+
1023	_ '	V4-I/I D-D3001-030	NEOTANOOLAN TINE DAMEEN			<u>'</u>				_	7B-I-0-3-08	IVINI-VI IO-1 D-1	

T E	ES	SLER ips	Takeda Hemobrás	TITLE:		D		SUBST			DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003	SHEET.: 42 / 85
	_						<u> </u>	O LIST				PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N° OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1024	1	XS-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	
1025	1	XS-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	
1026	1	XS-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	
1027	1	ETH-CRU-7B-2	COLD ROOM B2005	-	-	-	-	-	1	7B-M-0-5-27	(7B-I-0-3-21) 7B-I-0-3-08	RM-AHU-7B-7	ETHERNET
1028													
1029			TOTAL RM-AHU-7B-7	21	9	33	10	1	4				
1030			SYSTEM RM-AHU-7B-7	AI	AO	DI	DO	PS	NETWORK POINTS				
1032			SUB TOTAL SYSTEM AHU-7B-7	21	9	33	10	1	4				
1033													
1034	1	XY-AHU-7B-8-01A	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1035	1	XZSH-AHU-7B-8-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1036	1	XZSL-AHU-7B-8-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1037	1	XY-AHU-7B-8-01B	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1038	1	XZSH-AHU-7B-8-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1039	1	XZSL-AHU-7B-8-01B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1040	1	FIT-AHU-7B-8-001	RETURN CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1041	1	SC-AHU-7B-8-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	PROFINET
1042	1	XA-SC-AHU-7B-811	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1043	1	XA-SC-AHU-7B-812	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1044	1	XA-SC-AHU-7B-813	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1045	1	XA-SC-AHU-7B-814	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1046	1	XA-SC-AHU-7B-815	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1047	1	XA-SC-AHU-7B-816	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1048	1	XA-SC-AHU-7B-817	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1049	1	XA-SC-AHU-7B-818	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1050	1	XA-SC-AHU-7B-819	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6

				TITLE:							DOC NR.:		SHEET.:
Ţ	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	43 / 85
■	nge	illaria	Emprosa brasile se de homo derivados e faces osologia				L	O LIST			CLIENT NK.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1051	1	XY-AHU-7B-8-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1052	1	XZSH-AHU-7B-8-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1053	1	XZSL-AHU-7B-8-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1054	1	XY-AHU-7B-8-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1055	1	XZSH-AHU-7B-8-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1056	1	XZSL-AHU-7B-8-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1057	1	XY-AHU-7B-8-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1058	1	XZSH-AHU-7B-8-03A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1059	1	XZSL-AHU-7B-8-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1060	1	XY-AHU-7B-8-03B	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1061	1	XZSH-AHU-7B-8-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1062	1	XZSL-AHU-7B-8-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1063	1	HC-AHU-7B-8-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1064	1	XZSH-AHU-7B-8-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1065	1	XZSL-AHU-7B-8-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1066	1	HC-AHU-7B-8-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1067	1	XZSH-AHU-7B-8-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1068	1	XZSL-AHU-7B-8-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1069	1	MT-AHU-7B-8-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1070	1	TT-AHU-7B-8-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1071	1	PT-AHU-7B-8-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1072	1	PT-AHU-7B-8-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1073	1	PDIT-AHU-7B-8-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1074	1	TV-960018	SUPPLY WATER FOR AHU-7B-08 - Ø2"	-	1	-	-	-	-	7B-M-0-5-43	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1075	1	PDS-AHU-7B-8-001	DIFFERENTIAL PRESSURE IN FILTER F9	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1076	1	ZS-AHU-7B-8-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1

				TITLE:							DOC NR.:		SHEET.: 44 / 85
Ţ	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	
■	n g e	illaria Ipo	Empresa brasile sa de hema demastra e bacteroslogia				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1077	1	FIT-AHU-7B-8-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1078	1	SC-AHU-7B-8-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	PROFINET
1079	1	XA-SC-AHU-7B-821	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1080	1	XA-SC-AHU-7B-822	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1081	1	XA-SC-AHU-7B-823	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1082	1	XA-SC-AHU-7B-824	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1083	1	XA-SC-AHU-7B-825	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1084	1	XA-SC-AHU-7B-826	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1085	1	XA-SC-AHU-7B-827	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1086	1	XA-SC-AHU-7B-828	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1087	1	XA-SC-AHU-7B-829	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1088	1	TT-960018	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1089	1	ZS-AHU-7B-8-002	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1090	1	XY-AHU-7B-8-05A	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1091	1	XZSH-AHU-7B-8-05A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1092	1	XZSL-AHU-7B-8-05A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1093	1	XY-AHU-7B-8-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1094	1	XZSH-AHU-7B-8-05B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1095	1	XZSL-AHU-7B-8-05B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1096	1	MT-AHU-7B-8-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1097	1	TT-AHU-7B-8-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1098	1	AS-AHU-7B-8-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	1
1099	1	HS-SC-7B-8-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	DRY CONTACT
1100	1	HS-SC-7B-8-002	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	DRY CONTACT
1101	1	HS-EF-7B-8-08A	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	DRY CONTACT
1102													

				TITLE:							DOC NR.:		SHEET.:
T T	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE			569-DB7B-AIC-330-003	45 / 85
€	ng€	nnaria 193	Empresa brazile in de hem odmisačia e Brotecovilopia				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOC	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1103	1	TV-9700116	CONTROL VALVE HOTING COIL	-	1	-	-	-	,	7B-M-0-5-48	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1104	1	TT-RH-B-2017-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1105	1	XY-SAV-B-2017-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1106	1	XY-EAV-B-2017-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1107													
1108	1	TV-970096	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1109	1	TT-RH-B-2002-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1110	1	XY-RAV-B-2002-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1111	1	PDT-RAV-B-2002-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1112	1	XY-SAV-B-2002-1	FLOW CONTROL IN ROOM	-	-	1	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1113													
1114	1	TV-9700122	CONTROL VALVE HOTING COIL	-	1	-	-	-	ı	7B-M-0-5-48	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1115	1	TT-RH-B-2016-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1116	1	XY-RAV-B-2016-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1117	1	PDT-RAV-B-2016-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	,	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3

				TITLE:							DOC NR.:		SHEET.: 46 / 85
T	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	46 / 85 REV.:
■ •	n g e	illiaria	Emprosa brasile as de hema ciennados e bactacroslogia				L	O LIST	•		CLIENT NR.:	PRD-AIC-LIS-006	1
				ANALOC	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1118	1	XY-SAV-B-2016-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1119 1120	1	TV-9700464	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1121	1	TT-RH-B-2016-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1122	1	XY-SAV-B-2016-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1123 1124	1	TV-9700120	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1125	1	TT-RH-B-2018-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-00 (7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1126	1	XY-RAV-B-2018-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1127	1	PDT-RAV-B-2018-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1128 1129	1	XY-SAV-B-2018-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1130	1	TV-9700118	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1131	1	TT-RH-B-2019-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1132	1	XY-RAV-B-2019-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1133	1	PDT-RAV-B-2019-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1134 1135	1	XY-SAV-B-2019-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1136	1	TV-970092	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1137	1	TT-RH-B-2020-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1138	1	XY-RAV-B-2020-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1139	1	PDT-RAV-B-2020-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1140 1141	1	XY-SAV-B-2020-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1142	1	TV-970098	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1143	1	TT-RH-B-2001-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1144	1	XY-RAV-B-2001-1	PRESSURE CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1145	1	PDT-RAV-B-2001-1	PRESSURE CONTROL IN ROOM	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3

				TITLE:							DOC NR.:		SHEET.: 47 / 85
T ∈	ES n g e	SLER ips	Takeda Hemobrás					SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
	_		O Dipol December of the Control of t		1		<u> </u>	O LIST				PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT	ANALOG OUTPUT	DIGITAL INPUT	DIGITAL OUTPUT	POWER SUPPLY	NETWORK POINTS	P&ID N°	WIRING DRIAGRAMS	REMOTE	NOTES
			<u> </u>	Al	AO	DI	DO	PS	сомм.	OR EQUIPMENT	PANEL LAYOUT		
1146	1	XY-SAV-B-2001-1	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1147													
1148	1	TV-970476	CONTROL VALVE HOTING COIL	-	1	-	-	-	-	7B-M-0-5-48	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1149	1	TT-RH-B-2001-2	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	3
1150	1	XY-SAV-B-2001-2	FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	FIELD BUS
1151													
1152	1	FIT-EF-7B-8A	EXHAUST AIR	1	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	2
1153	1	SC-EF-7B-8A	EXHAUST AIR	-	-	-	-	-	1	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	PROFINET
1154	1	XA-SC-EF-7B-81A	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1155	1	XA-SC-EF-7B-82A	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1156	1	XA-SC-EF-7B-83A	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1157	1	XA-SC-EF-7B-84A	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1158	1	XA-SC-EF-7B-85A	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1159	1	XA-SC-EF-7B-86A	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1160	1	XA-SC-EF-7B-87A	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1161	1	XA-SC-EF-7B-88A	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1162	1	XA-SC-EF-7B-89A	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-28	(7B-I-0-3-22) 7B-I-0-3-08	SW-AHU-7B-8	6
1163													
1164	1	XA-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	
1165	1	XA-RFD-B3001-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	
1166	1	XA-RFD-B3001-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	
1167	1	XA-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	
1168	1	XA-RFD-B3001-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	
1169	1	XA-RFD-B3001-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	
1170	1	XA-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	1	_	-	-		(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	
1171	1	XA-RFD-B3001-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-		(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	
1172	1	XA-RFD-B3001-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	

T E	ES n g є	SLER ips	Takeda Hemobrás	TITLE:		D		SUBST			DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003	SHEET.: 48 / 85
	ī	_ _			ı	I	1/	O LIST		DOID NO	WIDING DDIAGDAMS	PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N° OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1173	1	XS-RFD-B3001-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	+
1174	1	XS-RFD-B3001-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	
1175	1	XS-RFD-B3001-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-22) 7B-I-0-3-08	RM-AHU-7B-8	
1176													
1177													
1178			TOTAL RM-AHU-7B-8	26	12	36	11	1	4				
1179 1180			SYSTEM RM-AHU-7B-8	Al	AO	DI	DO	PS	NETWORK POINTS				
1181			SUB TOTAL SYSTEM AHU-7B-8	26	12	36	11	1	4				
1182													\Box
1183	1	XY-AHU-7B-9-01A	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1184	1	XZSH-AHU-7B-9-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1185	1	XZSL-AHU-7B-9-01A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1186	1	XY-AHU-7B-9-01B	RETURN DAMPER CONTROL AIR FLOW	-	-	-	1	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1187	1	XZSH-AHU-7B-9-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1188	1	XZSL-AHU-7B-9-01B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1189	1	FIT-AHU-7B-9-001	RETURN CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1190	1	SC-AHU-7B-9-001	RETURN CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	PROFINET
1191	1	XA-SC-AHU-7B-911	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1192	1	XA-SC-AHU-7B-912	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1193	1		FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08 (7B-I-0-3-23)	SW-AHU-7B-9	6
1194	1		FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	7B-I-0-3-08 (7B-I-0-3-23)	SW-AHU-7B-9	6
1195	1		FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	7B-I-0-3-08 (7B-I-0-3-23)	SW-AHU-7B-9	6
1196	1		FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	7B-I-0-3-08 (7B-I-0-3-23)	SW-AHU-7B-9	6
1197	1		FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	7B-I-0-3-08 (7B-I-0-3-23)	SW-AHU-7B-9	6
1198	1		FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-29	7B-I-0-3-08 (7B-I-0-3-23)	SW-AHU-7B-9	6
1199	1	XA-SC-AHU-7B-919	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-29	7B-I-0-3-08	SW-AHU-7B-9	6

				TITLE:							DOC NR.:		SHEET.: 49 / 85
Ţ	ES	SLER ips	Takeda Hemobrás	:			RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	
1	nge	illiaria Ipo	Empresa brasile sa dia hema diankadose ibiotaconilogia				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1200	1	XY-AHU-7B-9-02A	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1201	1	XZSH-AHU-7B-9-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1202	1	XZSL-AHU-7B-9-02A	CLOSED DAMPER SWITCH	-	-	1	-	ı	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1203	1	XY-AHU-7B-9-02B	RELIEF AIR OUTSIDE DAMPER CONTROL	-	-	-	1	1	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1204	1	XZSH-AHU-7B-9-02B	OPEN DAMPER SWITCH	-	-	1	-	ı	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1205	1	XZSL-AHU-7B-9-02B	CLOSED DAMPER SWITCH	-	-	1	-	ı	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1206	1	XY-AHU-7B-9-03A	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1207	1	XZSH-AHU-7B-9-03A	OPEN DAMPER SWITCH	-	-	1	-	-	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1208	1	XZSL-AHU-7B-9-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1209	1	XY-AHU-7B-9-03B	AIR INSIDE DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1210	1	XZSH-AHU-7B-9-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1211	1	XZSL-AHU-7B-9-03B	CLOSED DAMPER SWITCH	-	-	1	-	ı	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1212	1	HC-AHU-7B-9-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	ı	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1213	1	XZSH-AHU-7B-9-04A	OPEN DAMPER SWITCH	-	-	1	-	1	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1214	1	XZSL-AHU-7B-9-04A	CLOSED DAMPER SWITCH	-	-	1	-	1	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1215	1	HC-AHU-7B-9-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	ı	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1216	1	XZSH-AHU-7B-9-04B	OPEN DAMPER SWITCH	-	-	1	-	ı	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1217	1	XZSL-AHU-7B-9-04B	CLOSED DAMPER SWITCH	-	-	1	-	1	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1218	1	MT-AHU-7B-9-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1219	1	TT-AHU-7B-9-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	1	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1220	1	PT-AHU-7B-9-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1221	1	PT-AHU-7B-9-002	RETURN PRESSURE AIR IN THE DUCT	1	-	-	-	1	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1222	1	PDIT-AHU-7B-9-001	MIXING BOX DIFFERENTIAL PRESSURE	1	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1223	1	TV-960019	SUPPLY WATER FOR AHU-7B-09 - Ø2.1/2"	-	1	-	-	-	-	7B-M-0-5-43	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1224	1	PDS-AHU-7B-9-001	DIFFERENTIAL PRESSURE IN FILTER F9	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1225	1	ZS-AHU-7B-9-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
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				TITLE:							DOC NR.:		SHEET.: 50 / 85
T	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		OLIFAIT ND .	569-DB7B-AIC-330-003	
■ ∈	ng€	nnaria 199	Emphasi braulia sa de hem e den kados e la otacissiqui.				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1226	1	FIT-AHU-7B-9-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1227	1	SC-AHU-7B-9-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	PROFINET
1228	1	XA-SC-AHU-7B-921	STATUS VFD (ON-OFF)	-	-	-	-	-	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1229	1	XA-SC-AHU-7B-922	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	ı	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1230	1	XA-SC-AHU-7B-923	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1231	1	XA-SC-AHU-7B-924	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1232	1	XA-SC-AHU-7B-925	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1233	1	XA-SC-AHU-7B-926	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1234	1	XA-SC-AHU-7B-927	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1235	1	XA-SC-AHU-7B-928	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1236	1	XA-SC-AHU-7B-929	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1237	1	TT-960019	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1238	1	ZS-AHU-7B-9-002	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1239	1	XY-AHU-7B-9-05A	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1240	1	XZSH-AHU-7B-9-05A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1241	1	XZSL-AHU-7B-9-05A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1242	1	XY-AHU-7B-9-05B	SUPLLY AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1243	1	XZSH-AHU-7B-9-05B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1244	1	XZSL-AHU-7B-9-05B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1245	1	MT-AHU-7B-9-002	SUPPLY HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1246	1	TT-AHU-7B-9-002	SUPPLY TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1247	1	AS-AHU-7B-9-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	1
1248	1	HS-SC-7B-9-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	DRY CONTACT
1249	1	HS-SC-7B-9-002	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	DRY CONTACT
1250	1	HS-EF-7B-9-09A	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	DRY CONTACT
1251	1	HS-EF-7B-9-09B	LOCK SWITCH EXHAUST AIR	-	-	1	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	DRY CONTACT
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		CL CD •		TITLE:			D110	OLIDOT	ANIOE		DOC NR.:		SHEET.: 51 / 85
€	n g e	SLER ips	Takeda Hemobrás			D		SUBST O LIST			CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
	1				I	Ι	<u>'</u> /	O LIST		P&ID N°	WIRING DRIAGRAMS	PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1252													
1253	1	XY-TUS-B-1001-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1254	1	FT-TUS-B-1001-1	AIR FLOW CONTROL IN ROOM	-	-	-	1	1	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1255	1	XY-TUS-B-1004-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1256	1	FT-TUS-B-1004-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1257	1	XY-TUS-B-1009-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1258	1	FT-TUS-B-1009-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1259	1	XY-TUS-B-1030-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1260	1	FT-TUS-B-1030-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1261	1	XY-TUS-B-1013-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1262	1	FT-TUS-B-1013-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1263	1	XY-TUS-B-1044-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1264	1	FT-TUS-B-1044-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1265	1	XY-TUS-B-1006-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1266	1	FT-TUS-B-1006-1	AIR FLOW CONTROL IN ROOM	-	-	-	1	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1267	1	XY-TUS-B-1008-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1268	1	FT-TUS-B-1008-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1269 1270	1	XY-TUS-B-1021-1	AIR FLOW CONTROL IN ROOM		_		_	_	1	7B-M-0-5-29A	(7B-I-0-3-23)	RM-AHU-7B-9	FIELD BUS
1271		FT-TUS-B-1021-1	AIR FLOW CONTROL IN ROOM	-	_	_	_	-	1	7B-M-0-5-29A	7B-I-0-3-08 (7B-I-0-3-23)	RM-AHU-7B-9	8
1272		TV-9700126	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-46	7B-I-0-3-08 (7B-I-0-3-23)	RM-AHU-7B-9	3
1273		TT-RH-B-1021-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-29A	7B-I-0-3-08 (7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	3
1274											7 B-1-U-3-U0		
1275	1	XY-TUS-B-1026-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1276	1	FT-TUS-B-1026-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1277	1	TV-9700134	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-46	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	3
1278	1	TT-RH-B-1026-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	3
1279												L	

				TITLE:							DOC NR.:		SHEET.: 52 / 85
T E	ES n a e	SLER ips	Takeda Hemobrás	6				SUBST			CLIENT NR.:	569-DB7B-AIC-330-003	32 / 83 REV.:
	9 -		© prepries brasille as de hem edernados e brote civilo c				. I	O LIST				PRD-AIC-LIS-006	1
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS	_	
ID	REV		SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1280	1	XY-TUS-B-1019-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1281	1	FT-TUS-B-1019-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1282	1	TV-9700466	CONTROL VALVE HOTING COIL Ø3/4"	-	1	-	-	-	-	7B-M-0-5-46	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	3
1283 1284	1	TT-RH-B-1019-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	3
1285	1	XY-TUS-B-1035-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1286	1	FT-TUS-B-1035-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1287											(=5 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
1288	1	XY-TUS-B-1038-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1289	1	FT-TUS-B-1038-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1290	1	TV-9600XX-1	CONTROL VALVE HOTING COIL Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-XX	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	3
1291 1292	1	TT-RH-B-1038-1	CONTROL VALVE HOTING COIL	1	-	-	-	-	-	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	3
1293	1	XY-TUS-B-1018-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1294	1	FT-TUS-B-1018-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1295	1	XY-TUS-B-1012-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1296	1	FT-TUS-B-1012-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1297	1	XY-TUS-B-1036-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	FIELD BUS
1298	1	FT-TUS-B-1036-1	AIR FLOW CONTROL IN ROOM	-	-	-	-	-	1	7B-M-0-5-29A	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	8
1299	1	FIT-EF-7B-9A	EXHAUST AIR	1	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	2
1300													
1301	1	SC-EF-7B-9A	EXHAUST AIR	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	PROFINET
1302	1	XA-SC-EF-7B-91A	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1303	1	XA-SC-EF-7B-92A	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1304	1	XA-SC-EF-7B-93A	FAULT VFD ROTOR LOCKED (ALARM)	<u> </u>	-	-	<u> </u>	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1305	1	XA-SC-EF-7B-94A	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1306	1	XA-SC-EF-7B-95A	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1307	1	XA-SC-EF-7B-96A	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6

				TITLE:							DOC NR.:		SHEET.:
T.	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE			569-DB7B-AIC-330-003	53 / 85
■	ng∈	nharia 193	Emprisa brazile in de hemoden ados e bioleoxilo de				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DIGITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1308	1	XA-SC-EF-7B-97A	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1309	1	XA-SC-EF-7B-98A	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1310	1	XA-SC-EF-7B-99A	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1311	1	FIT-EF-7B-9B	EXHAUST AIR	1	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	2
1312	1	SC-EF-7B-9B	EXHAUST AIR	-	-	-	-	-	1	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	PROFINET
1313	1	XA-SC-EF-7B-91B	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1314	1	XA-SC-EF-7B-92B	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1315	1	XA-SC-EF-7B-93B	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1316	1	XA-SC-EF-7B-94B	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1317	1	XA-SC-EF-7B-95B	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1318	1	XA-SC-EF-7B-96B	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1319	1	XA-SC-EF-7B-97B	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1320	1	XA-SC-EF-7B-98B	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1321	1	XA-SC-EF-7B-99B	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-29	(7B-I-0-3-23) 7B-I-0-3-08	SW-AHU-7B-9	6
1322													
1323	1	XA-RFD-B1010-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1324	1	XA-RFD-B1010-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	ı	ı	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1325	1	XA-RFD-B1010-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1326	1	XA-RFD-B1036-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1327	1	XA-RFD-B1036-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	•	ı	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1328	1	XA-RFD-B1036-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1329	1	XA-RFD-B1036-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	1	ı	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1330	1	XA-RFD-B1036-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1331	1	XA-RFD-B1036-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1332	1	XA-RFD-B1013-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1333	1	XA-RFD-B1013-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
										•		1	

				TITLE:							DOC NR.:		SHEET.:
ПΤ	ES	SLER ips	Takeda Hemobrás			D	RUG	SUBST	ANCE			569-DB7B-AIC-330-003	54 / 85
■	ng∈ı	nharia ips	Taxeau Composite and them admixtuse induced by					O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOC	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1334	1	XA-RFD-B1013-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1335	1	XA-RFD-B1013-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1336	1	XA-RFD-B1013-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	ı	1	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1337	1	XA-RFD-B1013-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	ı	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1338	1	XA-RFD-B1013-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1339	1	XA-RFD-B1013-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1340	1	XA-RFD-B1013-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1341	1	XA-RFD-B1013-04A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1342	1	XA-RFD-B1013-04B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1343	1	XA-RFD-B1013-04C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1344	1	XA-RFD-B1013-05A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1345	1	XA-RFD-B1013-05B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1346	1	XA-RFD-B1013-05C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1347	1	XA-RFD-B1018-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1348	1	XA-RFD-B1018-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1349	1	XA-RFD-B1018-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1350	1	XA-RFD-B1018-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1351	1	XA-RFD-B1018-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1352	1	XA-RFD-B1018-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1353	1	XA-RFD-B1018-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1354	1	XA-RFD-B1018-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1355	1	XA-RFD-B1018-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1356	1	XA-RFD-B1018-04A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1357	1	XA-RFD-B1018-04B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1358	1	XA-RFD-B1018-04C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1359	1	XA-RFD-B1021-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	

				TITLE:							DOC NR.:		SHEET.:
T	ES	SLER ips	Takeda Hemobrás			D	RUG	SUBST	ANCE			569-DB7B-AIC-330-003	55 / 85
<u>∈</u>	ng€	nharia IPS	Empresa brasile m de hama de rivados e biotarciclosa				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1360	1	XA-RFD-B1021-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1361	1	XA-RFD-B1021-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	,	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1362	1	XA-RFD-B1030-01A	RECTANGULAR FIRE DAMPER	1	-	1	-	ı	ı	1	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1363	1	XA-RFD-B1030-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	1	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1364	1	XA-RFD-B1030-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1365	1	XA-RFD-B1030-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1366	1	XA-RFD-B1030-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1367	1	XA-RFD-B1030-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1368	1	XA-RFD-B1030-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1369	1	XA-RFD-B1030-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1370	1	XA-RFD-B1030-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1371	1	XA-RFD-B1044-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1372	1	XA-RFD-B1044-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1373	1	XA-RFD-B1044-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1374	1	XA-RFD-B1044-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1375	1	XA-RFD-B1044-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1376	1	XA-RFD-B1044-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1377	1	XA-RFD-B1031-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1378	1	XA-RFD-B1031-01B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1379	1	XA-RFD-B1031-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1380	1	XA-RFD-B1031-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1381	1	XA-RFD-B1031-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1382	1	XA-RFD-B1031-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1383	1	XS-RFD-B1010-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1384	1	XS-RFD-B1036-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1385	1	XS-RFD-B1036-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	

T	'ES	SLER ips	Takeda Hemobrás	TITLE:		D		SUBST			DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003	SHEET.: 56 / 85
	9 -		Organa brasile sa de hem a derivados e biotacionácida.				<u>. l</u>	O LIST				PRD-AIC-LIS-006	1
					ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS	_	
ID	REV		SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1386	1	XS-RFD-B1013-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1387	1	XS-RFD-B1013-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1388	1	XS-RFD-B1013-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1389	1	XS-RFD-B1013-04A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1390	1	XS-RFD-B1013-05A	RECTANGULAR FIRE DAMPER	1	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1391	1	XS-RFD-B1018-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1392	1	XS-RFD-B1018-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1393	1	XS-RFD-B1018-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1394	1	XS-RFD-B1018-04A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1395	1	XS-RFD-B1021-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1396	1	XS-RFD-B1030-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1397	1	XS-RFD-B1030-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1398	1	XS-RFD-B1030-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1399	1	XS-RFD-B1044-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1400	1	XS-RFD-B1044-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1401	1	XS-RFD-B1031-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1402	1	XS-RFD-B1031-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-23) 7B-I-0-3-08	RM-AHU-7B-9	
1403													
1404													
1405													
1406 1407			TOTAL RM-AHU-7B-9	16	7	88	28	1	5				
1408			SYSTEM RM-AHU-7B-9	Al	AO	DI	DO	PS	NETWORK POINTS				
1409			SUB TOTAL SYSTEM AHU-7B-9	16	7	88	28	1	5				
1410													
1411	1	XY-DOAS-7B-01A	EXTERNAL AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1412	1	XZSH-DOAS-7B-01A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1

				TITLE:							DOC NR.:		SHEET.: 57 / 85
T	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	57 / 85 REV.:
<u> </u>	ii g e		Emprosa brasile to de hama derivados e doste code gla				I.	O LIST			CLIENT NIX	PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N° OR EQUIPMENT	WIRING DRIAGRAMS PANEL LAYOUT	REMOTE	NOTES
1413	1	XZSL-DOAS-7B-01A	CLOSED DAMPER SWITCH	-	_	1		-	-	7B-M-0-5-31	(7B-I-0-3-26)	RM-DOAS-7B-1	1
1414	1	XY-DOAS-7B-01B	EXTERNAL AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-31	7B-I-0-3-08 (7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1415	1	XZSH-DOAS-7B-01B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-08 (7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1416	1	XZSL-DOAS-7B-01B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1417	1	XY-DOAS-7B-02A	BYPASS AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1418	1	XZSH-DOAS-7B-02A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1419	1	XZSL-DOAS-7B-02A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1420	1	XY-DOAS-7B-02B	BYPASS AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08 (7B-I-0-3-26)	RM-DOAS-7B-1	1
1421	1	XZSH-DOAS-7B-02B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	7B-I-0-3-08 (7B-I-0-3-26)	RM-DOAS-7B-1	1
1422	1	XZSL-DOAS-7B-02B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	7B-I-0-3-08 (7B-I-0-3-26)	RM-DOAS-7B-1	1
1423 1424	-	ZS-DOAS-7B-001 XY-DOAS-7B-03A	TURN OFF IN OPENING DOOR BYPASS AIR DAMPER CONTROL	-			1	-	-	7B-M-0-5-31 7B-M-0-5-31	7B-I-0-3-08 (7B-I-0-3-26)	RM-DOAS-7B-1	1
1425	1	XZSH-DOAS-7B-03A	OPEN DAMPER SWITCH	-		1	<u>'</u>	_	-	7B-M-0-5-31	7B-I-0-3-08 (7B-I-0-3-26)	RM-DOAS-7B-1	1
1426	1	XZSL-DOAS-7B-03A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	7B-I-0-3-08 (7B-I-0-3-26)	RM-DOAS-7B-1	1
1427	1	XY-DOAS-7B-03B	BYPASS AIR DAMPER CONTROL	-	-	-	1	-	-	7B-M-0-5-31	7B-I-0-3-08 (7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1428	1	XZSH-DOAS-7B-03B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-06) 7B-I-0-3-08	RM-DOAS-7B-1	1
1429	1	XZSL-DOAS-7B-03B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1430	1	ZS-DOAS-7B-001	TURN OFF IN OPENING DOOR	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1431	1	FIT-DOAS-7B-002	INSIDE CENTRIFUGAL FAN	1	-	-	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1432	1	SC-DOAS-7B-002	INSIDE CENTRIFUGAL FAN	-	-	-	-	-	1	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	SW-DOAS-7B-1	PROFINET
1433	1	XA-SC-DOAS-7B-221	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08 (7B-I-0-3-26)	SW-DOAS-7B-1	6
1434	-	XA-SC-DOAS-7B-222	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-31	7B-I-0-3-26) 7B-I-0-3-26)	SW-DOAS-7B-1	6
1435	-	XA-SC-DOAS-7B-223	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-		-	-	7B-M-0-5-31	7B-I-0-3-26) 7B-I-0-3-08 (7B-I-0-3-26)	SW-DOAS-7B-1	6
1436	-	XA-SC-DOAS-7B-224	FAULT VED NO BHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-31	7B-I-0-3-08 (7B-I-0-3-26)	SW-DOAS-7B-1	6
1437	-	XA-SC-DOAS-7B-226	FAULT VFD NO PHASE (ALARM) FAULT VFD GROUND FAILURE (ALARM)	· -	-	-	-	-	-	7B-M-0-5-31 7B-M-0-5-31	7B-I-0-3-08 (7B-I-0-3-26)	SW-DOAS-7B-1 SW-DOAS-7B-1	6
1438		XA-SC-DOAS-7B-226	FAULT VED GROUND FAILURE (ALARNI)	_	-	_	_	-	-	1 D-IVI-U-5-31	7B-I-0-3-08	2M-DOV2-\R-1	6

				TITLE:							DOC NR.:		SHEET.: 58 / 85
T	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	
	n g e		Emprosa brasile se de hem eden vados e Bosta osologia				L	O LIST			CLIENT NK.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1439	1	XA-SC-DOAS-7B-227	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	SW-DOAS-7B-1	6
1440	1	XA-SC-DOAS-7B-228	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	SW-DOAS-7B-1	6
1441	1	XA-SC-DOAS-7B-229	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	SW-DOAS-7B-1	6
1442	1	TT-960028	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1443	1	XY-DOAS-7B-04A	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1444	1	XZSH-DOAS-7B-04A	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1445	1	XZSL-DOAS-7B-04A	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1446	1	XY-DOAS-7B-04B	MIXING BOX AIR DAMPER CONTROL	-	1	-	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1447	1	XZSH-DOAS-7B-04B	OPEN DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1448	1	XZSL-DOAS-7B-04B	CLOSED DAMPER SWITCH	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1449	1	MT-DOAS-7B-001	RETURN HUMIDITY AIR IN THE DUCKT	1	-	-	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1450	1	TT-DOAS7B-001	RETURN TEMPERATURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1451	1	PT-DOAS-7B-001	SUPPLY PRESSURE AIR IN THE DUCT	1	-	-	-	-	-	7B-M-0-5-31	-	RM-AHU-7B-9	1
1452	1	TV-960028	SUPPLY WATER FOR DOAS-7B-01 - Ø6"	-	1	-	-	-	-	7B-M-0-5-43	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1453	1	AS-DOAS-7B-001	SMOKE INDICATION IN THE INSITE DUCT	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	1
1454	1	HS-SC-DOAS-7B-001	LOCK SWITCH VFD AHU	-	-	1	-	-	-	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	DRY CONTACT
1455	1	XY-SAV-7B-1-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	FIELD BUS
1456	1	XY-SAV-7B-2-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	FIELD BUS
1457	1	XY-SAV-7B-3-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	FIELD BUS
1458	1	XY-SAV-7B-4-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	FIELD BUS
1459	1	XY-SAV-7B-5-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	FIELD BUS
1460	1	XY-SAV-7B-6-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	FIELD BUS
1461	1	XY-SAV-7B-7-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	FIELD BUS
1462	1	XY-SAV-7B-8-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	FIELD BUS
1463	1	XY-SAV-7B-9-1	FLOW CONTROL IN MACHINE	-	-	-	-	-	1	7B-M-0-5-31	(7B-I-0-3-26) 7B-I-0-3-08	RM-DOAS-7B-1	FIELD BUS
1464													
	-	-	-	-			-	-			-	<u> </u>	

Пт	ES	SLER ips	Takeda Hemobrás	TITLE:			RUG	SUBST	ANCE		DOC NR.:	569-DB7B-AIC-330-003	SHEET.: 59 / 85
⊟ ∃ ∈	ng∈	ster ips	Taxeau Torques braile as de homodenados e bota custoda					O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
					ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT Al	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1465													
1466			TOTAL RM-DOAS-7B-1	5	3	20	6	1	2				
1467 1468			SYSTEM RM-DOAS-7B-1	Al	AO	DI	DO	PS	NETWORK POINTS				
1469			SUB TOTAL SYSTEM DOAS-7B-1	5	3	20	6	1	2				
1470													
1471	1	TT-9600271	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1472	1	TV-9600271	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-58	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1473	1	XS-FCU-B1014-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1474	1	XA-FCU-B1014-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1475	1	TT-9600273	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1476	1	TV-9600273	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-57	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1477	1	XS-FCU-B1014-002	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1478	1	XA-FCU-B1014-002	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1479													
1480	1	TT-9600293	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1481	1	TV-9600293	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-57	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1482	1	XS-FCU-B1015-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1483	1	XA-FCU-B1015-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1484	1	TT-9600295	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1485	1	TV-9600295	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-57	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1486	1	XS-FCU-B1015-002	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1487	1	XA-FCU-B1015-002	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1488	1	TT-9600297	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1489	1	TV-9600297	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-57	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1490	1	XS-FCU-B1015-003	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1491	1	XA-FCU-B1015-003	STATUS EQUIPMENT (ON / OFF)		-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1

				TITLE:							DOC NR.:		SHEET.:
T.	E S	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE			569-DB7B-AIC-330-003	60 / 85
■	ngei	nnaria 199	Original brasile as de homodernados e biotecnologia				I/	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANAI OG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1492													
1493	1	TT-9600263	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1494	1	TV-9600263	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	1	7B-M-0-5-58	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1495	1	XS-FCU-B1029-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	ı	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1496	1	XA-FCU-B1029-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1497													
1498	1	TT-960021	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1499	1	TV-960021	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	ı	7B-M-0-5-58	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1500	1	XS-FCU-B1031-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	1	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1501	1	XA-FCU-B1031-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	1	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1502	1	TT-9600175	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1503	1	TV-9600175	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-58	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1504	1	XS-FCU-B1031-002	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1505	1	XA-FCU-B1031-002	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1506	1	TT-9600179	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1507	1	TV-9600179	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1508	1	XS-FCU-B1031-003	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1509	1	XA-FCU-B1031-003	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1510	1	TT-9600181	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1511	1	TV-9600181	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1512	1	XS-FCU-B1031-004	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1513	1	XA-FCU-B1031-004	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1514													
1515	1	TT-9600253	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1516	1	TV-9600253	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-55	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1517	1	XS-FCU-B1032-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)		-		1		-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1

		_		TITLE:							DOC NR.:		SHEET.:
	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		OLIFAIT ND .	569-DB7B-AIC-330-003	61 / 85
■ € 1	1 g E I	nnaria 199	Empresa brasile sa de hema demados e la observacio da				I	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOC	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1518	1	XA-FCU-B1032-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1519	1	TT-9600255	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1520	1	TV-9600255	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-55	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1521	1	XS-FCU-B1032-002	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1522	1	XA-FCU-B1032-002	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1523	1	TT-9600257	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1524	1	TV-9600257	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-55	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1525	1	XS-FCU-B1032-003	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1526	1	XA-FCU-B1032-003	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1527													
1528	1	TT-9600265	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1529	1	TV-9600265	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	1	7B-M-0-5-58	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1530	1	XS-FCU-B1033-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1531	1	XA-FCU-B1033-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1532	1	TT-9600267	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1533	1	TV-9600267	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-58	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1534	1	XS-FCU-B1033-002	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1535	1	XA-FCU-B1033-002	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1536													
1537	1	TT-9600261	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1538	1	TV-9600261	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-56	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1539	1	XS-FCU-B1043-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1540	1	XA-FCU-B1043-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1541	1	TT-9600287	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1542	1	TV-9600287	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-56	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1543	1	XS-FCU-B1034-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1

T E	ES n g e	SLER ips	Takeda Hemobrás	TITLE:		D		SUBST O LIST			DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003	62 / 85 REV.:
					<u> </u>					P&ID N°	WIRING DRIAGRAMS	PRD-AIC-LIS-006	1
ID	REV		SERVICE		ANALOG OUTPUT AO			POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1544	1	XA-FCU-B1034-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1545													
1546	1	TT-FCU-B3010-001	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1547	1	TV-FCU-B3010-001	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1548	1	XS-FCU-B3010-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1549	1	XA-FCU-B3010-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1

				TITLE:							DOC NR.:		SHEET.: 63 / 85
€	65 n g e	SLER ips	Takeda Hemobrás					SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
		_			<u> </u>	I	<u></u>	O LIST		P&ID N°	WIRING DRIAGRAMS	PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1550	1	TT-FCU-B3010-002	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1551	1	TV-FCU-B3010-002	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1552	1	XS-FCU-B3010-002	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1553	1	XA-FCU-B3010-002	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1554													
1555	1	TT-9600281	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1556	1	TV-9600281	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-55	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1557	1	XS-FCU-B3011-001	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1558	1	XA-FCU-B3011-001	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1559	1	TT-9600283	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1560	1	TV-9600283	CONTROL VALVE COOLING COIL - Ø1.1/2"	-	1	-	-	-	-	7B-M-0-5-55	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1561	1	XS-FCU-B3011-002	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1562	1	XA-FCU-B3011-002	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-32	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1563													
1564	1	TT-9600275	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-57	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1565	1	TV-9600275	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-57	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1566	1	XS-FCU-B1014-003	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-57	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1567	1	XA-FCU-B1014-003	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-57	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1568													
1569	1	TT-9600277	TEMPERATURE AIR SUPPLY	1	-	-	-	-	-	7B-M-0-5-57	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1570	1	TV-9600277	CONTROL VALVE COOLING COIL - Ø1"	-	1	-	-	-	-	7B-M-0-5-57	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1571	1	XS-FCU-B1014-004	COMMAND EQUIPMENT (TURN ON / TURN OFF)	-	-	-	1	-	-	7B-M-0-5-57	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1572	1	XA-FCU-B1014-004	STATUS EQUIPMENT (ON / OFF)	-	-	1	-	-	-	7B-M-0-5-57	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	1
1573													
1574	1	XA-RFD-B1033-01A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1575	1	XA-RFD-B1033-01B	RECTANGULAR FIRE DAMPER		-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	

				TITLE:							DOC NR.:		SHEET.: 64 / 85
T	ES	SLER PS	Takeda Hemobrás	:			RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	
■	ngei		Emprisa brasile sa de hemaciennados e la otacosloção				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.:
										P&ID N°	WIRING DRIAGRAMS	1 10 740 210 000	
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1576	1	XA-RFD-B1033-01C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1577	1	XA-RFD-B1033-02A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1578	1	XA-RFD-B1033-02B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1579	1	XA-RFD-B1033-02C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1580	1	XA-RFD-B1033-03A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1581	1	XA-RFD-B1033-03B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1582	1	XA-RFD-B1033-03C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1583	1	XA-RFD-B1033-04A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1584	1	XA-RFD-B1033-04B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1585	1	XA-RFD-B1033-04C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1586	1	XA-RFD-B1033-05A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1587	1	XA-RFD-B1033-05B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1588	1	XA-RFD-B1033-05C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1589	1	XA-RFD-B1033-06A	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1590	1	XA-RFD-B1033-06B	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1591	1	XA-RFD-B1033-06C	RECTANGULAR FIRE DAMPER	-	-	1	-	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1592		XS-RFD-B1033-01A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08 (7B-I-0-3-24)	RM-FCU-7B-1	
1593	1	XS-RFD-B1033-02A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	7B-I-0-3-08	RM-FCU-7B-1	
1594	1	XS-RFD-B1033-03A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1595		XS-RFD-B1033-04A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08	RM-FCU-7B-1	
1596		XS-RFD-B1033-05A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	(7B-I-0-3-24) 7B-I-0-3-08 (7B-I-0-3-24)	RM-FCU-7B-1	
1597	1	XS-RFD-B1033-06A	RECTANGULAR FIRE DAMPER	-	-	-	1	-	-	-	7B-I-0-3-08	RM-FCU-7B-1	
1598													
1599													

T e	ES !	SLER ips	Takeda Hemobrás	TITLE:		D		SUBST O LIST	ANCE		DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003 PRD-AIC-LIS-006	SHEET.: 65 / 85 REV.: 1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N° OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1600									NETWORK				
1601			SYSTEM TOTAL RM-FCU-7B-1	Al	AO	DI	DO	PS	NETWORK POINTS				
1602			SUB TOTAL SYSTEM TOTAL RM-FCU-7B-1	23	23	23	23	1	0				
1603													
1604			UV40 0V0TFM	41			D0	P. C	NETWORK				
1605			HVAC SYSTEM	Al	AO	DI	DO	PS	POINTS				
1606			GENERAL TOTAL HVAC SYSTEM	251	125	426	147	11	42				
1607													
1608		BLACK UTILITIES									(70 10 0 05)		
1609	1	FIT-610050	INDUSTRIAL WATER DISTRIBUTION SYSTEM	1	-	-	-	-	-	7B-M-0-5-41	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1610	1	FIT-940035	INDUSTRIAL WATER - MAKE-UP	1	-	-	-	1	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1611	1	PIT-940009	COOLING WATER - GLYCOL GENERATION	1	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1612	1	PIT-940010	COOLING WATER - GLYCOL GENERATION	1	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1613	1	SC-940001	COOLING TOWER CT-7B-1	-	-	-	-	-	1	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	PROFINET
1614	1	XA-SC-940001.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1615	1	XA-SC-940001.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1616	1	XA-SC-940001.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1617	1	XA-SC-940001.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1618	1	XA-SC-940001.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1619	1	XA-SC-940001.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1620	1	XA-SC-940001.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1621	1	XA-SC-940001.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1622	1	XA-SC-940001.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1623	1	HS-SC-940001.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	DRY CONTACT
1624	1	SC-940007	PUMP PC-7B-2	-	-	-	-	-	1	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	PROFINET
1625	1	XA-SC-940007.1	STATUS VFD (ON-OFF)	ı	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1626	1	XA-SC-940007.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6

Т				TITLE:							DOC NR.:		SHEET.: 66 / 85
	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		OLIFAIT ND .	569-DB7B-AIC-330-003	
-	1 g E I	nnaria	Empresa brasile sa de hema demados e botacocio da				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1627	1	XA-SC-940007.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1628	1	XA-SC-940007.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1629	1	XA-SC-940007.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1630	1	XA-SC-940007.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	1	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1631	1	XA-SC-940007.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1632	1	XA-SC-940007.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1633	1	XA-SC-940007.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1634	1	HS-SC-940007.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	DRY CONTACT
1635	1	SC-940002	COOLING TOWER CT-7B-2	-	-	-	-	-	1	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	PROFINET
1636	1	XA-SC-940002.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1637	1	XA-SC-940002.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1638	1	XA-SC-940002.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1639	1	XA-SC-940002.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1640	1	XA-SC-940002.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1641	1	XA-SC-940002.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1642	1	XA-SC-940002.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1643	1	XA-SC-940002.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1644	1	XA-SC-940002.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1645	1	HS-SC-940002.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	DRY CONTACT
1646	1	SC-940005	PUMP PC-7B-1	-	-	-	-	-	1	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	PROFINET
1647	1	XA-SC-940005.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1648	1	XA-SC-940005.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1649	1	XA-SC-940005.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1650	1	XA-SC-940005.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1651	1	XA-SC-940005.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1652	1	XA-SC-940005.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6

				TITLE:							DOC NR.:		SHEET.:
	€S	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE			569-DB7B-AIC-330-003	67 / 85
□	ng∈	nharia 193	Dryptisa brasile isa da hema dan kada se biote chaloga				I.	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANAI OG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1653	1	XA-SC-940005.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1654	1	XA-SC-940005.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1655	1	XA-SC-940005.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1656	1	HS-SC-940005.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	DRY CONTACT
1657	1	TIT-940009	COOLING WATER - GLYCOL GENERATION	1	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1658	1	TIT-940010	COOLING WATER - GLYCOL GENERATION	1	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1659	1	FIT-940009	COOLING WATER - GLYCOL GENERATION	1	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1660	1	FIT-940023	COOLING WATER - COMPRESSED AIR GENERATION	1	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1661	1	FIT-940015	COOLING WATER - BIO-KILL SYSTEM	1	-	-	-	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1662	1	XY-940031	CT-7B-1 WATER DRAIN - Ø1"	-	-	-	1	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1663	1	XY-940033	CT-7B-2 WATER DRAIN - Ø1"	-	-	-	1	-	-	7B-M-0-5-42	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1664	1	PDIT-96008	WATER SUPPLY AND RETURN BUILD 7B	1	-	-	-	-	-	7B-M-0-5-43	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1665	1	FIT-980014	COOLING WATER - COOLING TOWERS PCH-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1666	1	FIT-980016	COOLING WATER - COOLING TOWERS PCH-7B-2	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1667	1	FIT-980021	DISTRIBUTION SYSTEM - CHILLED GLYCOL FOR BT-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1668	1	FIT-980029	GLYCOL FOR PCH-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1669	1	FIT-980030	GLYCOL FOR PCH-7B-2	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1670	1	LIT-980005A	BUFFER TANK	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1671	1	LIT-980005B	BUFFER TANK	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1672	1	PIT-980013	COOLING WATER - COOLING TOWERS PCH-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1673	1	PIT-980014	COOLING WATER - COOLING TOWERS PCH-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1674	1	PIT-980015	COOLING WATER - COOLING TOWERS PCH-7B-2	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1675	1	PIT-980016	COOLING WATER - COOLING TOWERS PCH-7B-2	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1676	1	PIT-980021	DISTRIBUTION SYSTEM - CHILLED GLYCOL FOR BT-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1677	1	PIT-980029	GLYCOL FOR PCH-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1678	1	PIT-980030	GLYCOL FOR PCH-7B-2	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	

				TITLE:							DOC NR.:		SHEET.: 68 / 85
T	ES	SLER ips	Takeda Hemobrás				RUG	SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	
■	n g e	illaria	Empresa brasile sa de hem edernazios e brotecnologia				I,	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1679	1	PIT-980001	GLYCOL DO PCH-7B-1 FOR BT-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1680	1	PIT-980002	GLYCOL DO PCH-7B-2 FOR BT-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1681	1	SC-980025	CENTRIFUGAL PUMP P-PCH-7B-1	-	-	-	-	-	1	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	PROFINET
1682	1	XA-SC-980025.1	STATUS VFD (ON-OFF)	-	-	-	-	-	1	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1683	1	XA-SC-980025.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1684	1	XA-SC-980025.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1685	1	XA-SC-980025.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1686	1	XA-SC-980025.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1687	1	XA-SC-980025.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1688	1	XA-SC-980025.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1689	1	XA-SC-980025.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1690	1	XA-SC-980025.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1691	1	HS-SC-980025.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	DRY CONTACT
1692	1	SC-980023	CENTRIFUGAL PUMP P-PCH-7B-2	-	-	-	-	-	1	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	PROFINET
1693	1	XA-SC-980023.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1694	1	XA-SC-980023.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1695	1	XA-SC-980023.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1696	1	XA-SC-980023.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1697	1	XA-SC-980023.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1698	1	XA-SC-980023.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1699	1	XA-SC-980023.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1700	1	XA-SC-980023.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1701	1	XA-SC-980023.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1702	1	HS-SC-980023.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	DRY CONTACT
1703	1	TIT-980013	COOLING WATER - COOLING TOWERS PCH-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1704	1	TIT-980014	COOLING WATER - COOLING TOWERS PCH-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	

Пт	65	SIER	• • • • • • • • • • • • • • • • • • •	TITLE:		Г	DIIC	SUBST	ANCE		DOC NR.:	569-DB7B-AIC-330-003	SHEET.: 69 / 85
€	n g e	sler ips	Takeda Hemobrás			L		O LIST	ANCE		CLIENT NR.:	PRD-AIC-LIS-006	REV.:
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		1
ID	REV		SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1705	1	TIT-980015	COOLING WATER - COOLING TOWERSPCH-7B-2	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1706	1	TIT-980016	COOLING WATER - COOLING TOWERS PCH-7B-2	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1707	1	TIT-980021	DISTRIBUTION SYSTEM - CHILLED GLYCOL FOR BT-7B-1	1	,	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1708	1	TIT-980022	GLYCOL DO BT-7B-1 FOR CHILLED PCH-7B-1 / 2	1	ı	-	-	ı	1	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1709	1	TIT-980029	GLYCOL FOR PCH-7B-1	1	1	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1710	1	TIT-980030	GLYCOL FOR PCH-7B-2	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1711	1	TIT-980001	GLYCOL DO PCH-7B-1 FOR BT-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1712	1	TIT-980002	GLYCOL DO PCH-7B-2 FOR BT-7B-1	1	-	-	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1713	1	XY-980014	COOLING WATER - COOLING TOWERS PCH-7B-1 - Ø8"	-	-	-	1	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1714	1	XZSH-980014	COOLING WATER - COOLING TOWERS PCH-7B-1 - Ø8"	-	-	1	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1715	1	XZSL-980014	COOLING WATER - COOLING TOWERS PCH-7B-1 - Ø8"	-	-	1	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1716	1	XY-980016	COOLING WATER - COOLING TOWERS PCH-7B-2 - Ø8"	-	-	-	1	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1717	1	XZSH-980016	COOLING WATER - COOLING TOWERS PCH-7B-2 - Ø8"	-	-	1	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	_
1718	1	XZSL-980016	COOLING WATER - COOLING TOWERS PCH-7B-2 - Ø8"	-	-	1	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	_
1719	1	XY-980001	GLYCOL DO PCH-7B-1 FOR BT-7B-1 - Ø6"	-	-	-	1	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1720	1	XZSH-980001	GLYCOL DO PCH-7B-1 FOR BT-7B-1 - Ø6"	-	-	1	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1721	1	XZSL-980001	GLYCOL DO PCH-7B-1 FOR BT-7B-1 - Ø6"	-	-	1	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1722	1	XY-980002	GLYCOL DO PCH-7B-1 FOR BT-7B-1 - Ø6"	-	-	-	1	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1723	1	XZSH-980002	GLYCOL DO PCH-7B-1 FOR BT-7B-1 - Ø6"	-	-	1	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1724	1	XZSL-980002	GLYCOL DO PCH-7B-1 FOR BT-7B-1 - Ø6"	-	-	1	-	-	-	7B-M-0-5-44	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1725	1	FIT-980005	CHILLED GLYCOL - GENERATION SYSTEM FRON P-PCH-7B-3 E P-PCH-7B-4	1	-	-	-	-	-	7B-M-0-5-45	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1726	1	PIT-980005	CHILLED GLYCOL - GENERATION SYSTEM FRON P-PCH-7B-3 E P-PCH-7B-4	1	-	-	-	-	-	7B-M-0-5-45	(7B-I-0-3-25) 7B-I-0-3-08		
1727	1	SC-980006	CENTRIFUGAL PUMP P-PCH-7B-3	-	-	-	-	-	1	7B-M-0-5-45	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	PROFINET
1728	1	XA-SC-980006.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-45	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1729	1	XA-SC-980006.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-45	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1730	1	XA-SC-980006.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-45	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6

			TITLE:							DOC NR.:		SHEET.: 70 / 85
ES	SLER ins	Takeda Hemobrás				RUG	SUBST	ANCE		OLIFAIT ND .	569-DB7B-AIC-330-003	
nge	Illiaria	Empresa brasile sa de hem edernados e brotecesto da				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
			ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
REV		SERVICE	INPUT AI			OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1	XA-SC-980006.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-45	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980006.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-45	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980006.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980006.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980006.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980006.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	HS-SC-980006.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7B-M-0-5-45	7B-I-0-3-08	RM-B3012-1	DRY CONTACT
1	SC-980008	CENTRIFUGAL PUMP P-PCH-7B-4	-	-	-	-	-	1	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	PROFINET
1	XA-SC-980008.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980008.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980008.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980008.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980008.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980008.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980008.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980008.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	XA-SC-980008.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	SW-B3012-1	6
1	HS-SC-980008.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7B-M-0-5-45	7B-I-0-3-08	RM-B3012-1	DRY CONTACT
1	TIT-980005	CHILLED GLYCOL - GENERATION SYSTEM FRON P-PCH-7B-3 E P-PCH-7B-4	1	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	RM-B3012-1	
1	PIT-980005	CHILLED GLYCOL - GENERATION SYSTEM FRON P-PCH-7B-3 E P-PCH-7B-4	1	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	RM-B3012-1	
1	PDIT-980010	CHILLED WATER - ALIMENTATION AND RETURN	1	-	-	-	-	-	7B-M-0-5-45	7B-I-0-3-08	RM-B3012-1	
1	PIT-970002	RE-HEATED WATER RETURN	1	-	-	-	-	-	7B-M-0-5-46	7B-I-0-3-08	RM-B3012-1	
1	TIT-970002-1	RE-HEATED WATER RETURN	1	-	-	-	-	-	7B-M-0-5-46	7B-I-0-3-08	RM-B3012-1	
1	FIT-070001	EXCHANGER WATER OUTLET HX-7B-2	1	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1	FIT-070002	INDUSTRIAL WATER MAKE-UP / CHILLED WATER FRON P-PCH-7B-5/6	1	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1	FIT-070065	CHILLED WATER LOOP 1. DISTRIBUTION FRON	1	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
	REV 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	REV 1	REV SERVICE 1 XA-SC-980006.4 FAULT VFD SUB VOLTAGE (ALARM) 1 XA-SC-980006.5 FAULT VFD NO PHASE (ALARM) 1 XA-SC-980006.6 FAULT VFD GROUND FAILURE (ALARM) 1 XA-SC-980006.7 FAULT VFD FAILURE COMUNICATION (ALARM) 1 XA-SC-980006.8 FAULT VFD CURRENT MOTOR (FACEPLATE) 1 XA-SC-980006.9 FAULT VFD SPEED MOTOR (FACEPLATE) 1 XA-SC-980006.1 LOCK SWITCH VFD PUMP 1 XC-980008 CENTRIFUGAL PUMP P-PCH-7B-4 1 XA-SC-980008.1 STATUS VFD (ON-OFF) 1 XA-SC-980008.2 FAULT VFD OVER CURRENT (ALARM) 1 XA-SC-980008.3 FAULT VFD ROTOR LOCKED (ALARM) 1 XA-SC-980008.4 FAULT VFD SUB VOLTAGE (ALARM) 1 XA-SC-980008.5 FAULT VFD ROUND FAILURE (ALARM) 1 XA-SC-980008.5 FAULT VFD GROUND FAILURE (ALARM) 1 XA-SC-980008.6 FAULT VFD GROUND FAILURE (ALARM) 1 XA-SC-980008.8 FAULT VFD SPEED MOTOR (FACEPLATE) 1 XA-SC-980008.9 FAULT VFD SPEED MOTOR (FACEP	Name	XA-SC-980006.4	XA-SC-980006.4 FAULT VFD SUB VOLTAGE (ALARM) - - - -	REV SERVICE ANALOG OUTPUT INPUT DOTTOUT ON OUTPUT OUTPUT ON OUTPUT OUTPUT ON OUTPUT OUTPUT ON OUTPUT OUTPUT ON OUTPUT ON OUTPUT ON OUTPUT ON OUTPUT OUTPUT ON OUTPUT OUTPU	REV SERVICE ANALOG NUTURE OF PROPERTY OF A CONTROL OF SUPPLY ANALOG NUTURE OF SUPPLY ANALOG NUTURE OF SUPPLY ANALOG NUTURE OF SUPPLY ANALOG NUTURE OF SUPPLY	REV SERVICE ANALO MALO MALO MALO MALO MALO MALO MALO M	REV SERVICE MANAGE ADMINISTRATE NANAGE ADMINISTRATE ADMINIS	REV SERVICE ANALOG OF CHARM OF COLORS OF COLOR	SERVICE SERV

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■	ng€	nnaria 	tripnia brasile sia da hemadernados e biotacrologia				L	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DICITAL	DICITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1757	1	LSHL-070060	LEVEL SWITCH HIGH / LOW FOR TK-7B-2	-	-	1	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1758	1	TI-970002	RE-HEATED WATER RETURN							7B-M-0-5-46			
1759	1	LV-070060	INDUSTRIAL WATER FOR TK-7B-2 - MAKE-UP	-	-	-	1	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1760	1	PDIT-070001	INDUSTRIAL WATER DISTRIBUTION SYSTEM	1	-	-	-	-	-	7B-M-0-5-53	-		
1761	1	PIT-070001	EXCHANGER WATER OUTLET HX-7B-2	1	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1762	1	PIT-070002	INDUSTRIAL WATER MAKE-UP / CHILLED WATER FRON P-PCH-7B-5/6	1	-	-	-	ı	ı	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1763	1	PIT-070065	CHILLED WATER LOOP 1. DISTRIBUTION FRON	1	-	-	-	1	ı	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1764	1	PIT-070066	CHILLED WATER LOOP 1. DISTRIBUTION FRON	1	-	-	-	ı	ı	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1765	1	PDIT-070001	EXCHANGER WATER OUTLET HX-7B-2 FRON CHILLED WATER LOOP1 RETURN	1	-	-	-	ı	ı	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1766	1	SC-070002	CENTRIFUGAL PUMP P-PCH-7B-5	-	-	-	-	1	1	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	PROFINET
1767	1	XA-SC-070002.1	STATUS VFD (ON-OFF)	-	-	-	-	1	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1768	1	XA-SC-070002.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	1	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1769	1	XA-SC-070002.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1770	1	XA-SC-070002.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	1	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1771	1	XA-SC-070002.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	1	ı	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1772	1	XA-SC-070002.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	ı	ı	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1773	1	XA-SC-070002.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	ı	1	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1774	1	XA-SC-070002.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	1	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1775	1	XA-SC-070002.9	FAULT VFD SPEED MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1776	1	HS-SC-070002.1	LOCK SWITCH VFD PUMP	-	-	1	-	•	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	DRY CONTACT
1777	1	SC-070004	CENTRIFUGAL PUMP P-PCH-7B-6	-	-	-	-	-	1	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	PROFINET
1778	1	XA-SC-070004.1	STATUS VFD (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1779	1	XA-SC-070004.2	FAULT VFD OVER CURRENT (ALARM)	-	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1780	1	XA-SC-070004.3	FAULT VFD ROTOR LOCKED (ALARM)	-	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1781	1	XA-SC-070004.4	FAULT VFD SUB VOLTAGE (ALARM)	-	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1782	1	XA-SC-070004.5	FAULT VFD NO PHASE (ALARM)	-	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1702		AA-00-010004.3	I MOLI VI DINO I LIMOL (MLAINIVI)						-	7 D 101-0-0-00	7B-I-0-3-08	344-D3012-1	

				TITLE:							DOC NR.:		SHEET.:
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	nge	nnaria	Empresa brasila es de hem a dema dos a bisolarcos loga.				I,	O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DICITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	ANALOG OUTPUT AO		OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1783	1	XA-SC-070004.6	FAULT VFD GROUND FAILURE (ALARM)	-	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1784	1	XA-SC-070004.7	FAULT VFD FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1785	1	XA-SC-070004.8	FAULT VFD CURRENT MOTOR (FACEPLATE)	-	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1786	1	XA-SC-070004.9	FAULT VFD SPEED MOTOR (FACEPLATE)	1	-	-	-	ı	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	SW-B3012-1	6
1787	1	HS-SC-070004.1	LOCK SWITCH VFD PUMP	-	-	1	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	DRY CONTACT
1788	1	TIT-070001	EXCHANGER WATER OUTLET HX-7B-2	1	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1789	1	TIT-070002	INDUSTRIAL WATER MAKE-UP / CHILLED WATER FRON P-PCH-7B-5/6	1	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1790	1	TIT-070003	INDUSTRIAL WATER DOWNSTREAM P-PCH-7B-5	1	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1791	1	TIT-070065	CHILLED WATER LOOP 1. DISTRIBUTION FRON	1	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1792	1	TV-070001	CHILLED WATER LOOP 1, RETURN	-	1	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1793	1	TIT-070066	EXCHANGER WATER OUTLET HX-7B-2 FRON CHILLED WATER LOOP1 RETURN	1	-	-	-	-	-	7B-M-0-5-53	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1794	1	PIT-790104	PLANT STEAM DISTRIBUTION	1	-	-	-	-	-	7B-M-0-5-61	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1795	1	PIT-790327	PLANT STEAM DISTRIBUTION	1	-	-	-	-	-	7B-M-0-5-61	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1796	1	TT-790327	PLANT STEAM DISTRIBUTION	1	-	-	-	-	-	7B-M-0-5-61	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1797													
1798	1	PDIT-970137	RE-HEATED WATER SUPPLY / RETURN 7A	1	-	-	-	1	-	7B-M-0-5-49	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1799	1	FIT-790319	PLANT STEAM DISTRIBUTION - 7B	1	-	-	-	1	-	7B-M-0-5-61	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1800	1	PIT-790212	PLANT STEAM DISTRIBUTION	1	-	-	-	1	-	7B-M-0-5-61	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1801	1	PIT-790319	PLANT STEAM DISTRIBUTION - 7B	1	-	-	-	-	-	7B-M-0-5-61	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1802	1	PIT-790321	PLANT STEAM DISTRIBUTION	1	-	-	-	ı	-	7B-M-0-5-61	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1803	1	TT-790319	PLANT STEAM DISTRIBUTION - 7B	1	-	-	-	ı	-	7B-M-0-5-61	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1804	1	TT-790321	PLANT STEAM DISTRIBUTION	1	-	-	-	-	-	7B-M-0-5-61	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	
1805													
1806													
1807		SIGNAL FOR SOFTWARE											
1808	1	MAIN PANEL CONTROL	COMPRESSED AIR GENERATION SYSTEM	-	-	-	-	-	1	7B-M-0-5-81	-	SW-B1031-1	4

T ∈	ES n g e	SLER ips	Takeda Hemobrás	TITLE:		C		SUBST O LIST			CLIENT NR.:	569-DB7B-AIC-330-003 PRD-AIC-LIS-006	SHEET.: 73 / 85 REV.: 1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N° OR EQUIPMENT	WIRING DRIAGRAMS PANEL LAYOUT	REMOTE	NOTES
1809	1	XL-710021	STATUS COMP-7B-1 (ON-OFF)	-	-	-	-	1	-	7B-M-0-5-81	-	-	5
1810	1	XA-710021	FAULT COMP-7B-1 (ALARM)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1811	1	HS-710021	START COMP-7B-1 (RUN-STOP)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1812	1	HS-710031	POSITION SELECT SWITCH COMP-7B-1 (LOCAL-REMOTE)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1813													
1814	1	XL-710022	STATUS COMP-7B-2 (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1815	1	XA-710022	FAULT COMP-7B-2 (ALARM)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1816	1	HS-710022	START COMP-7B-2 (RUN-STOP)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1817	1	HS-710032	POSITION SELECT SWITCH COMP-7B-2 (LOCAL-REMOTE)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1818													
1819	1	XL-710001	STATUS AD-7B-1 (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1820	1	XA-710001	FAULT AD-7B-1 (ALARM)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1821	1	HS-710001	START AD-7B-1 (RUN-STOP)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1822	1	HS-710003	POSITION SELECT SWITCH AD-7B-1 (LOCAL-REMOTE)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1823													
1824	1	XL-710002	STATUS AD-7B-2 (ON-OFF)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1825	1	XA-710002	FAULT AD-7B-2 (ALARM)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1826	1	HS-710002	START AD-7B-2 (RUN-STOP)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1827	1	HS-710004	POSITION SELECT SWITCH AD-7B-2 (LOCAL-REMOTE)	-	-	-	-	-	-	7B-M-0-5-81	-	-	5
1828													
1829													
1830 1831			TOTAL RM-B3012-1	67	1	19	7	2	11				
1832			SYSTEM RM-B3012-1	AI	AO	DI	DO	PS	NETWORK POINTS				
1833			SUB TOTAL RM-B3012-1	67	1	19	7	2	11				
1834													

1 €	r es n g e	SLER ips	Takeda Hemobrás	TITLE:		D		SUBST O LIST			DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003 PRD-AIC-LIS-006	74 / 85 REV.:
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N° OR EQUIPMENT	WIRING DRIAGRAMS PANEL LAYOUT	REMOTE	NOTES
1835													
1836			BLACK UTILITIES SYSTEM	AI	AO	DI	DO	PS	NETWORK POINTS				
1837			GENERAL TOTAL BLACK UTILITIES SYSTEM	67	1	19	7	2	11				
1838													
1839		ELECTRICAL SYSTEM											
1840	1	TA-7B-13-NA-TR-0-001	HIGHT TEMPERATURE IN TRAFO (13,8/380V)	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	RELAY PROTECTION
1841	1	TA-7B-13-NB-TR-0-001	HIGHT TEMPERATURE IN TRAFO (13,8/380V)	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	RELAY PROTECTION
1842	1	TA-7B-3-NA-TR-0-001	HIGHT TEMPERATURE IN TRAFO (380/220V)	1	-	-	-	-	-	7B-E-0-5-01	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	TEMP. TRANSM.
1843	1	TA-7B-3-E-TR-0-001	HIGHT TEMPERATURE IN TRAFO (380/220V)	1	-	-	-	-	-	7B-E-0-5-01	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	TEMP. TRANSM.
1844	1	TA-7B-3-E-TR-0-002	HIGHT TEMPERATURE IN TRAFO (380/400V)	1	-	-	-	-	-	7B-E-0-5-01	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	TEMP. TRANSM.
1845	1	TA-7B-3-E-TR-0-003	HIGHT TEMPERATURE IN TRAFO (380/400V)	1	-	-	-	-	-	7B-E-0-5-01	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	TEMP. TRANSM.
1846											7510000		
1847	1	7B-QGBT-QA0.4	CIRCUIT BREAK QA0.4	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1848	1	XA-7B-QGBT-QA04-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1849	1	XA-7B-QGBT-QA04-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1850	1	XA-7B-QGBT-QA04-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1851	1	XA-7B-QGBT-QA04-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1852	1	XA-7B-QGBT-QA04-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1853	1	XA-7B-QGBT-QA04-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1854													
1855	1	7B-QGBT-QA0.10	CIRCUIT BREAK QA0.10	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1856	1	XA-7B-QGBT-QA010-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1857	1	XA-7B-QGBT-QA010-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1858	1	XA-7B-QGBT-QA010-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1859	1	XA-7B-QGBT-QA010-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1860	1	XA-7B-QGBT-QA010-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1861	1	XA-7B-QGBT-QA010-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850

T E	ES n g e	SLER ips	Takeda Hemobrás	TITLE:		D		SUBST	ANCE		DOC NR.: CLIENT NR.:	569-DB7B-AIC-330-003 PRD-AIC-LIS-006	75 / 85 REV.:
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS	FRD-AIC-LIS-000	<u> </u>
ID	REV		SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1862													
1863	1	7B-QGBT-QA0.11	CIRCUIT BREAK QA0.11	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1864	1	XA-7B-QGBT-QA011-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1865	1	XA-7B-QGBT-QA011-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1866	1	XA-7B-QGBT-QA011-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1867	1	XA-7B-QGBT-QA011-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1868	1	XA-7B-QGBT-QA011-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1869	1	XA-7B-QGBT-QA011-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1870													
1871	1	7B-QGBT-QA0.9	CIRCUIT BREAK QA0.9	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1872	1	XA-7B-QGBT-QA09-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1873	1	XA-7B-QGBT-QA09-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	1	-	-	1	ı	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1874	1	XA-7B-QGBT-QA09-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1875	1	XA-7B-QGBT-QA09-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1876	1	XA-7B-QGBT-QA09-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1877	1	XA-7B-QGBT-QA09-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1878													
1879	1	7B-QGBT-QA0.12	CIRCUIT BREAK QA0.12	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1880	1	XA-7B-QGBT-QA012-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1881	1	XA-7B-QGBT-QA012-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1882	1	XA-7B-QGBT-QA012-3	DRAWER INSERT FAILURE (ALARM)	-	1	-	-	1	ı	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1883	1	XA-7B-QGBT-QA012-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1884	1	XA-7B-QGBT-QA012-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1885	1	XA-7B-QGBT-QA012-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1886													
1887	1	7B-QGBT-QA0.7	CIRCUIT BREAK QA0.7	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1888	1	XA-7B-QGBT-QA07-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850

				TITLE:							DOC NR.:		SHEET.: 76 / 85
€	'ES n g e	SLER ips	Takeda Hemobrás					SUBST			CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
					ı	ı	<u> </u>	O LIST		DOID NO	WIRING DRIAGRAMS	PRD-AIC-LIS-006	1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N° OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1889	1	XA-7B-QGBT-QA07-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1890	1	XA-7B-QGBT-QA07-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1891	1	XA-7B-QGBT-QA07-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1892	1	XA-7B-QGBT-QA07-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1893	1	XA-7B-QGBT-QA07-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1894 1895	1	7B-QGBT-QA0.2	CIRCUIT BREAK QA0.2	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1896	1	XA-7B-QGBT-QA02-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1897	1	XA-7B-QGBT-QA02-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1898	1	XA-7B-QGBT-QA02-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1899	1	XA-7B-QGBT-QA02-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1900	1	XA-7B-QGBT-QA02-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1901	1	XA-7B-QGBT-QA02-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1902													
1903	1	7B-QGBT-QA0.3	CIRCUIT BREAK QA0.3	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1904	1	XA-7B-QGBT-QA03-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1905	1	XA-7B-QGBT-QA03-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1906	1	XA-7B-QGBT-QA03-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1907	1	XA-7B-QGBT-QA03-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1908	1	XA-7B-QGBT-QA03-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1909	1	XA-7B-QGBT-QA03-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1910													
1911	1	7B-QGBT-QA0.5	CIRCUIT BREAK QA0.5	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1912	1	XA-7B-QGBT-QA05-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1913	1	XA-7B-QGBT-QA05-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1914	1	XA-7B-QGBT-QA05-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1915	1	XA-7B-QGBT-QA05-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
		l		J	I	I		l		l .	1		

ПТ	ES	SLER inc	Takeda Hemobrás	TITLE:		Γ	RUG	SUBST	ANCE		DOC NR.:	569-DB7B-AIC-330-003	SHEET.: 77 / 85
E	ng∈	SLER IPS	Takeda Hemobrás			_		O LIST	7.1102		CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG		DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1916	1	XA-7B-QGBT-QA05-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1917	1	XA-7B-QGBT-QA05-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1918													
1919	1	7B-QGBT-QA0.50	CIRCUIT BREAK QA0.50	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1920	1	XA-7B-QGBT-QA050-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1921	1	XA-7B-QGBT-QA050-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1922	1	XA-7B-QGBT-QA050-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1923	1	XA-7B-QGBT-QA050-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1924	1	XA-7B-QGBT-QA050-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1925	1	XA-7B-QGBT-QA050-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1926													
1927	1	7B-QGBT-QAB.TIE	CIRCUIT BREAK QAB.TIE	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1928	1	XA-7B-QGBT-QABTIE-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1929	1	XA-7B-QGBT-QABTIE-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1930	1	XA-7B-QGBT-QABTIE-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1931	1	XA-7B-QGBT-QABTIE-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1932	1	XA-7B-QGBT-QABTIE-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1933	1	XA-7B-QGBT-QABTIE-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1934													
1935	1	7B-QGBT-QB0.11	CIRCUIT BREAK QB0.11	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1936	1	XA-7B-QGBT-QB011-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1937	1	XA-7B-QGBT-QB011-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1938	1	XA-7B-QGBT-QB011-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1939	1	XA-7B-QGBT-QB011-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1940	1	XA-7B-QGBT-QB011-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1941	1	XA-7B-QGBT-QB011-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1942													

Пт	:ES	SLER ips	Takeda Hemobrás	TITLE:		Г	RUG	SUBST	ANCE		DOC NR.:	569-DB7B-AIC-330-003	SHEET.: 78 / 85
□	ng∈	sler ips	Empresa brasile sia die hiere siderikados e boste ovologia					O LIST			CLIENT NR.:	PRD-AIC-LIS-006	REV.: 1
				ANALOG	ANALOG	DIGITAL	DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1943	1	7B-QGBT-QB0.100	CIRCUIT BREAK QB0.100	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1944	1	XA-7B-QGBT-QB0100-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1945	1	XA-7B-QGBT-QB0100-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1946	1	XA-7B-QGBT-QB0100-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1947	1	XA-7B-QGBT-QB0100-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1948	1	XA-7B-QGBT-QB0100-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1949	1	XA-7B-QGBT-QB0100-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1950													
1951	1	7B-QGBT-QB0.50	CIRCUIT BREAK QB0.50	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1952	1	XA-7B-QGBT-QB050-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1953	1	XA-7B-QGBT-QB050-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1954	1	XA-7B-QGBT-QB050-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1955	1	XA-7B-QGBT-QB050-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1956	1	XA-7B-QGBT-QB050-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1957	1	XA-7B-QGBT-QB050-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1958													
1959	1	7B-QGBT-QB0.12	CIRCUIT BREAK QB0.12	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	7
1960	1	XA-7B-QGBT-QB012-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1961	1	XA-7B-QGBT-QB012-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1962	1	XA-7B-QGBT-QB012-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1963	1	XA-7B-QGBT-QB012-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1964	1	XA-7B-QGBT-QB012-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1965	1	XA-7B-QGBT-QB012-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
1966													
1967	1	7B-QGBT-QBE.TIE	CIRCUIT BREAK QBE.TIE	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7
1968	1	XA-7B-QGBT-QBETIE-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1969	1	XA-7B-QGBT-QBETIE-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	ı	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850

				TITLE:							DOC NR.:		SHEET.: 79 / 85
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ID	REV		SERVICE	ANALOG INPUT	ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK POINTS	P&ID N°	WIRING DRIAGRAMS	REMOTE	NOTES
טו	KLV		SERVICE	AI	AO	DI	DO	PS	COMM.	OR EQUIPMENT	PANEL LAYOUT	KLWOTE	NOTES
1970	1	XA-7B-QGBT-QBETIE-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1971	1	XA-7B-QGBT-QBETIE-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1972	1	XA-7B-QGBT-QBETIE-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1973	1	XA-7B-QGBT-QBETIE-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	ı	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1974													
1975	1	7B-QGBT-QE0.4	CIRCUIT BREAK QE0.4	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7
1976	1	XA-7B-QGBT-QE04-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1977	1	XA-7B-QGBT-QE04-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1978	1	XA-7B-QGBT-QE04-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1979	1	XA-7B-QGBT-QE04-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1980	1	XA-7B-QGBT-QE04-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1981	1	XA-7B-QGBT-QE04-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1982													
1983	1	7B-QGBT-QE0.5	CIRCUIT BREAK QE0.5	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7
1984	1	XA-7B-QGBT-QE05-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1985	1	XA-7B-QGBT-QE05-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1986	1	XA-7B-QGBT-QE05-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1987	1	XA-7B-QGBT-QE05-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1988	1	XA-7B-QGBT-QE05-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	ı	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1989	1	XA-7B-QGBT-QE05-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	ı	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1990													
1991	1	7B-QGBT-QE0.15	CIRCUIT BREAK QE0.15	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7
1992	1	XA-7B-QGBT-QE015-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1993	1	XA-7B-QGBT-QE015-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1994	1	XA-7B-QGBT-QE015-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1995	1	XA-7B-QGBT-QE015-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1996	1	XA-7B-QGBT-QE015-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
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				ANALOG	ANALOG		DIGITAL	POWER	NETWORK	P&ID N°	WIRING DRIAGRAMS		
ID	REV		SERVICE	INPUT AI	OUTPUT AO	INPUT DI	OUTPUT DO	SUPPLY PS	POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
1997	1	XA-7B-QGBT-QE015-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
1998													
1999	1	7B-QGBT-QE0.1	CIRCUIT BREAK QE0.1	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7
2000	1	XA-7B-QGBT-QE01-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2001	1	XA-7B-QGBT-QE01-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2002	1	XA-7B-QGBT-QE01-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2003	1	XA-7B-QGBT-QE01-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2004	1	XA-7B-QGBT-QE01-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	1	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2005	1	XA-7B-QGBT-QE01-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	1	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2006													
2007	1	7B-QGBT-QE0.10	CIRCUIT BREAK QE0.10	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7
2008	1	XA-7B-QGBT-QE010-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2009	1	XA-7B-QGBT-QE010-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2010	1	XA-7B-QGBT-QE010-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2011	1	XA-7B-QGBT-QE010-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2012	1	XA-7B-QGBT-QE010-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2013	1	XA-7B-QGBT-QE010-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	1	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2014													
2015	1	7B-QGBT-QE0.11	CIRCUIT BREAK QE0.11	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7
2016	1	XA-7B-QGBT-QE011-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2017	1	XA-7B-QGBT-QE011-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2018	1	XA-7B-QGBT-QE011-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2019	1	XA-7B-QGBT-QE011-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2020	1	XA-7B-QGBT-QE011-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2021	1	XA-7B-QGBT-QE011-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2022													
2023	1	7B-QGBT-QE0.16	CIRCUIT BREAK QE0.16	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7

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	REV		SERVICE	ANALOG INPUT	ANALOG OUTPUT		DIGITAL OUTPUT	POWER SUPPLY	NETWORK POINTS	P&ID N°	WIRING DRIAGRAMS	REMOTE	NOTES
ID	KEV		SERVICE	AI	AO	DI	DO	PS	COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
2024	1	XA-7B-QGBT-QE016-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2025	1	XA-7B-QGBT-QE016-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2026	1	XA-7B-QGBT-QE016-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2027	1	XA-7B-QGBT-QE016-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	1	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2028	1	XA-7B-QGBT-QE016-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2029	1	XA-7B-QGBT-QE016-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2030													
2031	1	7B-QGBT-QE0.3	CIRCUIT BREAK QE0.3	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7
2032	1	XA-7B-QGBT-QE03-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2033	1	XA-7B-QGBT-QE03-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2034	1	XA-7B-QGBT-QE03-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2035	1	XA-7B-QGBT-QE03-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	1	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2036	1	XA-7B-QGBT-QE03-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	ı	ı	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2037	1	XA-7B-QGBT-QE03-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2038													
2039	1	7B-QGBT-QE0.30	CIRCUIT BREAK QE0.30	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7
2040	1	XA-7B-QGBT-QE030-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2041	1	XA-7B-QGBT-QE030-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	ı	ı	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2042	1	XA-7B-QGBT-QE030-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	1	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2043	1	XA-7B-QGBT-QE030-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	ı	ı	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2044	1	XA-7B-QGBT-QE030-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2045	1	XA-7B-QGBT-QE030-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2046													
2047	1	7B-QGBT-QE0.9	CIRCUIT BREAK QE0.9	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7
2048	1	XA-7B-QGBT-QE09-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2049	1	XA-7B-QGBT-QE09-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2050	1	XA-7B-QGBT-QE09-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
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ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N° OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
2051	1	XA-7B-QGBT-QE09-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2052	1	XA-7B-QGBT-QE09-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2053	1	XA-7B-QGBT-QE09-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2054													
2055	1	7B-QGBT-QE0.13	CIRCUIT BREAK QE0.13	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7
2056	1	XA-7B-QGBT-QE013-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2057	1	XA-7B-QGBT-QE013-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2058	1	XA-7B-QGBT-QE013-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2059	1	XA-7B-QGBT-QE013-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2060	1	XA-7B-QGBT-QE013-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2061	1	XA-7B-QGBT-QE013-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2062													
2063	1	7B-QGBT-QE0.7	CIRCUIT BREAK QE0.7	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	7
2064	1	XA-7B-QGBT-QE07-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2065	1	XA-7B-QGBT-QE07-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2066	1	XA-7B-QGBT-QE07-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2067	1	XA-7B-QGBT-QE07-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2068	1	XA-7B-QGBT-QE07-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2069	1	XA-7B-QGBT-QE07-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2070													
2071	1	ZS-7B-QGBT-QE0.14	STATUS CIRCUIT BREAK QE0.14 (ON-OFF)	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2072	1	ZA-7B-QGBT-QE0.14	FAULT CIRCUIT BREAK QE0.14 (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2073	1	ZS-7B-QGBT-QE0.6	STATUS CIRCUIT BREAK QE0.6 (ON-OFF)	-	-	-	-	-	1	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2074	1	ZA-7B-QGBT-QE0.6	FAULT CIRCUIT BREAK QE0.6 (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	-	SW-B1031-2	IEC61850
2075													
2076	1	XC-7B-3-E-GMC-0-001	CONNECTION USCA GMG (1800KVA)	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
2077	1	XL-7B-3-E-GMC-0-001	STATUS USCA GMG 1800KVA (ON-OFF)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
2077	1	XL-7B-3-E-GMC-0-001	STATUS USCA GMG 1800KVA (ON-OFF)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	

				TITLE:							DOC NR.:		SHEET.: 83 / 85
1 €	'ES n g e	SLER IPS	Takeda Hemobrás					SUBST	ANCE		CLIENT NR.:	569-DB7B-AIC-330-003	REV.:
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ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO		DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	P&ID N° OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
2078	1	XA-7B-3-E-GMC-0-001	FAULT USCA GMG 1800KVA (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
2079	1	HS-7B-3-E-GMC-0-001	START USCA GMG 1800KVA (RUN-STOP)	-	-	1	-	-	-	7B-E-0-5-01	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	DRY CONTACT
2080													
2081	1	XC-7B-3-E-GMC-0-002	CONNECTION USCA GMG (1800KVA)	-	-	-	-	-	1	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
2082	1	XL-7B-3-E-GMC-0-002	STATUS USCA GMG 1800KVA (ON-OFF)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
2083	1	XA-7B-3-E-GMC-0-002	FAULT USCA GMG 1800KVA (ALARM)	-	-	-	-	-	-	7B-E-0-5-01	7B-I-0-7-04	SW-B1033-1	IEC61850
2084	1	HS-7B-3-E-GMC-0-002	START USCA GMG 1800KVA (RUN-STOP)	-	-	1	-	-	-	7B-E-0-5-01	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	DRY CONTACT
2085													
2086	1	ZA-7B-4-E-UPS-2-001	STATUS AND FAULT UPS (ON-OFF/ALARM)	-	-	-	-	-	1	7B-E-0-5-02	-	SW-B3003-1	ETH. TCP / IP
2087	1	ZA-7B-4-E-UPS-2-002	STATUS AND FAULT UPS (ON-OFF/ALARM)	-	-	-	-	-	1	7B-E-0-5-02	-	SW-B3003-1	ETH. TCP / IP
2088	1	TA-7B-2-U-TR-2-001	HIGHT TEMPERATURE IN TRAFO (220/380V)	1	-	-	-	-	-	7B-E-0-5-02	(7B-I-0-3-25) 7B-I-0-3-08	RM-B3012-1	TEMP. TRANSM.
2089													
2090	1	SW-7B-3-U-QGUPS-2-001	CONNECTION SWITCH ELECTRICAL	-	-	-	-	-	1	7B-E-0-5-02	7B-I-0-7-04	SW-B3003-1	ETH. TCP / IP
2091	1	7B-3-U-QGUPS2-1	CIRCUIT BREAK 1	-	-	-	-	-	1	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	7
2092	1	XA-7B-3-U-QGUPS2.1-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2093	1	XA-7B-3-U-QGUPS2.1-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2094	1	XA-7B-3-U-QGUPS2.1-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	1	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2095	1	XA-7B-3-U-QGUPS2.1-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2096	1	XA-7B-3-U-QGUPS2.1-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	ı	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2097	1	XA-7B-3-U-QGUPS2.1-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2098													
2099	1	7B-3-U-QGUPS2-2	CIRCUIT BREAK 2	-	-	-	-	-	1	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	7
2100	1	XA-7B-3-U-QGUPS2.2-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2101	1	XA-7B-3-U-QGUPS2.2-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2102	1	XA-7B-3-U-QGUPS2.2-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2103	1	XA-7B-3-U-QGUPS2.2-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)		-	-		-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850

The First Control The Cont	SHEET.: 84 / 85
REV SERVICE	REV.:
DR REV SERVICE	1
1	NOTES
2106	IEC61850
2107 1 78-34-0GUPS2-3 CIRCUIT BREAK 3	IEC61850
1	
1	7
1	IEC61850
1	IEC61850
2112 1 XA-7B-3-U-QGUPS2-3-6 STATUS CIRCUIT BREAK (FACEPLATE)	IEC61850
1	IEC61850
2114	IEC61850
2115 1 7B-3-U-QGUPS2-4 CIRCUIT BREAK 4	IEC61850
2116 1 XA-7B-3-U-QGUPS2.4-1 FAULT DEVICE FAILURE COMUNICATION (ALARM)	
2117 1 XA-7B-3-U-QGUPS2.4-2 FAULT TRIP CIRCUIT BREAK (ALARM)	7
2118 1 XA-7B-3-U-QGUPS2.4-3 DRAWER INSERT FAILURE (ALARM)	IEC61850
2119 1 XA-7B-3-U-QGUPS2.4-4 ABNORMAL TEMPERATURE (PRÉ-ALARM)	IEC61850
2120 1 XA-7B-3-U-QGUPS2.4-5 STATUS CIRCUIT BREAK (FACEPLATE)	IEC61850
2121 1 XA-7B-3-U-QGUPS2.4-6 RATED CURRENT IN DEVICE (FACEPLATE)	IEC61850
2122 7B-3-U-QGUPS2-5 CIRCUIT BREAK 5 1 7B-E-0-5-02 7B-I-0-7-04 SW-7B-3-U-QGUPS-2-001 2124 1	IEC61850
2123 1 7B-3-U-QGUPS2-5 CIRCUIT BREAK 5 -	IEC61850
2124 1 XA-7B-3-U-QGUPS2.5-1 FAULT DEVICE FAILURE COMUNICATION (ALARM) - <t< td=""><td></td></t<>	
2125 1 XA-7B-3-U-QGUPS2.5-2 FAULT TRIP CIRCUIT BREAK (ALARM) 7B-E-0-5-02 7B-I-0-7-04 SW-7B-3-U-QGUPS-2-001 2126 1 XA-7B-3-U-QGUPS2.5-3 DRAWER INSERT FAILURE (ALARM) 7B-E-0-5-02 7B-I-0-7-04 SW-7B-3-U-QGUPS-2-001 2127 1 XA-7B-3-U-QGUPS2.5-4 ABNORMAL TEMPERATURE (PRÉ-ALARM) 7B-E-0-5-02 7B-I-0-7-04 SW-7B-3-U-QGUPS-2-001	7
2126 1 XA-7B-3-U-QGUPS2.5-3 DRAWER INSERT FAILURE (ALARM) 7B-E-0-5-02 7B-I-0-7-04 SW-7B-3-U-QGUPS-2-001 2127 1 XA-7B-3-U-QGUPS2.5-4 ABNORMAL TEMPERATURE (PRÉ-ALARM) 7B-E-0-5-02 7B-I-0-7-04 SW-7B-3-U-QGUPS-2-001	IEC61850
2127 1 XA-7B-3-U-QGUPS2.5-4 ABNORMAL TEMPERATURE (PRÉ-ALARM) 7B-E-0-5-02 7B-I-0-7-04 SW-7B-3-U-QGUPS-2-001	IEC61850
	IEC61850
2128 1 XA-7B-3-U-QGUPS2.5-5 STATUS CIRCUIT BREAK (FACEPLATE) 7B-E-0-5-02 7B-I-0-7-04 SW-7B-3-U-QGUPS-2-001	IEC61850
	IEC61850
2129 1 XA-7B-3-U-QGUPS2.5-6 RATED CURRENT IN DEVICE (FACEPLATE) 7B-E-0-5-02 7B-I-0-7-04 SW-7B-3-U-QGUPS-2-001	IEC61850

				TITLE:							DOC NR.:		SHEET.: 85 / 85
TESSLER PS			Takeda Hemobrás	DRUG SUBSTANCE							569-DB7B-AIC-330-003 CLIENT NR.:		REV.:
	1		-	I/O LIST P&ID N°							PRD-AIC-LIS-006 WIRING DRIAGRAMS		1
ID	REV		SERVICE	ANALOG INPUT AI	ANALOG OUTPUT AO	DIGITAL INPUT DI	DIGITAL OUTPUT DO	POWER SUPPLY PS	NETWORK POINTS COMM.	OR EQUIPMENT	PANEL LAYOUT	REMOTE	NOTES
2130													
2131	1	7B-3-U-QGUPS2-6	CIRCUIT BREAK 6	-	-	-	-	-	1	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	7
2132	1	XA-7B-3-U-QGUPS2.6-1	FAULT DEVICE FAILURE COMUNICATION (ALARM)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2133	1	XA-7B-3-U-QGUPS2.6-2	FAULT TRIP CIRCUIT BREAK (ALARM)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2134	1	XA-7B-3-U-QGUPS2.6-3	DRAWER INSERT FAILURE (ALARM)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2135	1	XA-7B-3-U-QGUPS2.6-4	ABNORMAL TEMPERATURE (PRÉ-ALARM)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2136	1	XA-7B-3-U-QGUPS2.6-5	STATUS CIRCUIT BREAK (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2137	1	XA-7B-3-U-QGUPS2.6-6	RATED CURRENT IN DEVICE (FACEPLATE)	-	-	-	-	-	-	7B-E-0-5-02	7B-I-0-7-04	SW-7B-3-U-QGUPS-2-001	IEC61850
2138	1												
2139													
2140			ELECTRICAL SYSTEM	Al	AO	DI	DO	PS	NETWORK POINTS				
2141			SUB TOTAL RM-B1033-1	5	0	2	0	0	3				
2142													
2143													
2144													
2145													
2146													
2147													
2148			GENERAL TOTAL I/O (BUILDING 7B)	Al	AO	DI	DO	PS	NETWORK POINTS				
2149				323	126	447	154	13	56				