Base Load Power Hub (BLPH)

B-300 HVAC I/O LIST - E&I SHELTERS

Document Number: 1724000049-HV-LIS-00053

Document Class: 3

ROSETTI MARINO

1	NO COMMENTS - APPROVED - WORK MAY PROCEED
2	MINOR COMMENTS - REVISE AND RESUBMIT - WORK MAY PROCEED
3	MAJOR COMMENTS – REJECTED – DO NOT PROCEED
4	APPROVAL NOT REQUIRED

NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.

Sign	Date
L. Caviglia	04/02/2025

Rev.	Date	Description	Prepared	Reviewed	Approved
05	28/01/2025	Issue for Information (IFI)	M.G.	O.A.	C.A.
04	19/12/2024	Issue for Information (IFI)	M.G.	O.A.	C.A.
03	11/11/2024	Issue for Information (IFI)	M.G.	O.A.	C.A.
02	17/10/2024	Issue for Information (IFI)	M.G.	O.A.	C.A.
01	28/06/2024	Issue for Information (IFI)	F.M.	S.S.	M.G.
00	07/06/2024	Issue for Information (IFI)	F.M.	S.S.	M.G.

ALEXSISTEMI spa

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3	Revision / Change Log	X	X	X	X	X	X		
4	I/O List	X	X	X	X	X	X		
5	I/O List	X	X	X	X	X	X		
6	I/O List	X	X	X	X	X	X		
7	I/O List	X	X	X	X	X	X		

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Revision / Change Log

Rev.	Description
00	ISSUE FOR INFORMATION (IFI)
01	ISSUE FOR INFORMATION (IFI)
02	ISSUE FOR INFORMATION (IFI)
03	ISSUE FOR INFORMATION (IFI)
04	ISSUE FOR INFORMATION (IFI)
05	ISSUE FOR INFORMATION (IFI)

HOLDS LIST

No.	Description
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CROSSWIND	HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-WP4-2023-05	ROSETTI MARINO
Document Titel:	B-300 HVAC IO LIST - E&I SHELTERS	Sh.4 of 7 28/01/2025 Rev: 5

Rev	Item	P&ID	Tag Number	Service Description	Terminal Block I/O	SIGNAL TAG	Equipment	IO Type	Location		Logic State		Range		E.U.	Alarms				Ex	Red	Mon	Signal Type	Power	Note
									From	To	State 0	State 1	Min	Max		LL	L	H	HH						
Outside system signals																									
3	1	123A90-1724000049HV-PID-00041	I 0,0	SHUT DOWN	XC - 500 / 501	77-XS-003	B300-HSB-001	DI	SIS	HVAC UCP	ALARM	NORMAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		24 Vdc From SIS, Free voltage contact for HVAC system
3	2	123A90-1724000049HV-PID-00041	Q 0,0	HVAC CRITICAL FAULT	XC - 502 / 503	77XA-003	B300-HSB-001	DO	HVAC UCP	SIS	ALARM	NORMAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		24 Vdc From HVAC & Lighting Panel, Free voltage contact for SIS system
3	4	123A90-1724000049HV-PID-00041	I 7,2	F&G DAMPER HDF-77007 CLOSE SIGNAL	XFD/S - 800 / 801	77-ZSL-007	HDF-77007	DO	HVAC UCP	F&G	NOT CLOSE	CLOSED	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		24 Vdc From HVAC & Lighting Panel, Free voltage contact for F&G system
3	5	123A90-1724000049HV-PID-00041	I 7,4	F&G DAMPER HDF-77008 CLOSE SIGNAL	XFD/S - 804 / 805	77-ZSL-008	HDF-77008	DO	HVAC UCP	F&G	NOT CLOSE	CLOSED	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		24 Vdc From HVAC & Lighting Panel, Free voltage contact for F&G system
3	6	123A90-1724000049HV-PID-00041	I 7,6	F&G DAMPER HDF-77009 CLOSE SIGNAL	XFD/S - 808 / 809	77-ZSL-009	HDF-77009	DO	HVAC UCP	F&G	NOT CLOSE	CLOSED	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		24 Vdc From HVAC & Lighting Panel, Free voltage contact for F&G system
3	7	123A90-1724000049HV-PID-00041	I 8,1	F&G DAMPER HDF-77010 CLOSE SIGNAL	XFD/S - 812 / 813	77-ZSL-010	HDF-77010	DO	HVAC UCP	F&G	NOT CLOSE	CLOSED	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		24 Vdc From HVAC & Lighting Panel, Free voltage contact for F&G system
3	8	123A90-1724000049HV-PID-00041	I 8,3	F&G DAMPER HDF-77011 CLOSE SIGNAL	XFD/S - 816 / 817	77-ZSL-011	HDF-77011	DO	HVAC UCP	F&G	NOT CLOSE	CLOSED	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		24 Vdc From HVAC & Lighting Panel, Free voltage contact for F&G system
HVAC system signals																									
4	9	123A90-1724000049HV-PID-00041	I0,2	MAIN BRAKER TRIP			B300-HSB-001	DI	HVAC UCP	HVAC UCP	TRIP	NORMAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	10	123A90-1724000049HV-PID-00041	I0,3	AUTOMATIC MODE			HHU-77005	DI	HVAC UCP	HVAC UCP	NOT AUTOMATIC	AUTOMATIC	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	11	123A90-1724000049HV-PID-00041	I0,4	AUTOMATIC MODE			HHU-77006	DI	HVAC UCP	HVAC UCP	NOT AUTOMATIC	AUTOMATIC	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	12	123A90-1724000049HV-PID-00041	AI 0,0	TEMPERATURE TRASMITTER 1			77-TT-301	AI	77-TT-301	HVAC UCP	-	-	-10	60	°C	-	-	-	-	-	-	-	4-20 Ma		-
4	13	123A90-1724000049HV-PID-00041	AI 0,1	TEMPERATURE TRASMITTER 2			77-TT-302	AI	77-TT-302	HVAC UCP	-	-	-10	60	°C	-	-	-	-	-	-	-	4-20 Ma		-
4	14	123A90-1724000049HV-PID-00041	AI 0,2	DIFFERNTIAL PRESSURE TRASMITTER			77-PT-301	AI	77-PT-301	HVAC UCP	-	-	-10	60	°C	-	-	-	-	-	-	-	4-20 Ma		-
4	15	123A90-1724000049HV-PID-00041	AI 0,3	TEMPERATURE TRASMITTER 3			77-TT-303	AI	77-TT-303	HVAC UCP	-	-	-10	60	°C	-	-	-	-	-	-	-	4-20 Ma		-
4	16	123A90-1724000049HV-PID-00041	AI 1,0	TEMPERATURE TRASMITTER 4			77-TT-304	AI	77-TT-304	HVAC UCP	-	-	0	500	Pa	-	-	-	-	-	-	-	4-20 Ma		-
4	17	123A90-1724000049HV-PID-00041	I 0,5	PANEL EMERGENCY POWER BUTTON			HPB-77-303	DI	HPB-77-303	HVAC UCP	ALARM	NORMAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	18	123A90-1724000049HV-PID-00041	I 0,6	MODULE LIGHT TRIP			B300-HSB-001	DI	HVAC UCP	HVAC UCP	TRIP	NORMAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	19	123A90-1724000049HV-PID-00041	I 0,7	MODULE SOCKET TRIP			B300-HSB-001	DI	HVAC UCP	HVAC UCP	TRIP	NORMAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	20	123A90-1724000049HV-PID-00041	I 1,0	SPACE HEATER TRIP			HHS-77007/8/9	DI	HVAC UCP	HVAC UCP	TRIP	NORMAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	21	123A90-1724000049HV-PID-00041	I 1,1	SPACE HEATER START FEEDBACK			HHS-77007/8/9	DI	HVAC UCP	HVAC UCP	STOP	RUN	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	22	123A90-1724000049HV-PID-00041	Q0,2	SPACE HEATER ASTART COMMAND			HHS-77007/8/9	DO	HVAC UCP	HVAC UCP	STOP	START	-	-	-	-	-	-	-	-	-	-	24V DC		-
4	23	123A90-1724000049HV-PID-00041	I 1,4	AUX SECTION TRIP			B300-HSB-001	DI	HVAC UCP	HVAC UCP	NORMAL	TRIP	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	24	123A90-1724000049HV-PID-00041	Q1,2	RESET CONTACT			B300-HSB-001	DO	HVAC UCP	HVAC UCP	NORMAL	RESET	-	-	-	-	-	-	-	-	-	-	24V DC		-
4	25	123A90-1724000049HV-PID-00041	I 6,7	MANUAL MODE			HHU-77005	DI	HVAC UCP	HVAC UCP	NOT MANUAL	MANUAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	26	123A90-1724000049HV-PID-00041	I 7,0	MANUAL MODE			HHU-77006	DI	HVAC UCP	HVAC UCP	NOT MANUAL	MANUAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	27	123A90-1724000049HV-PID-00041	I 7,1	HFD-77007 OPEN SIGNAL		77-ZSH-007	HFD-77007	DI	HFD-77007	HVAC UCP	NOT OPEN	OPEN	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	28	123A90-1724000049HV-PID-00041	I 7,2	HFD-77007 CLOSED SIGNAL		77-ZSL-007	HFD-77007	DI	HFD-77007	HVAC UCP	NOT CLOSED	CLOSED	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	29	123A90-1724000049HV-PID-00041	I 7,3	HFD-77008 OPEN SIGNAL		77-ZSH-008	HFD-77008	DI	HFD-77008	HVAC UCP	NOT OPEN	OPEN	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	30	123A90-1724000049HV-PID-00041	I 7,4	HFD-77008 CLOSED SIGNAL		77-ZSL-008	HFD-77008	DI	HFD-77008	HVAC UCP	NOT CLOSED	CLOSED	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	31	123A90-1724000049HV-PID-00041	I 7,5	HFD-77009 OPEN SIGNAL		77-ZSH-009	HFD-77009	DI	HFD-77009	HVAC UCP	NOT OPEN	OPEN	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	32	123A90-1724000049HV-PID-00041	I 7,6	HFD-77009 CLOSED SIGNAL		77-ZSL-009	HFD-77009	DI	HFD-77009	HVAC UCP	NOT CLOSED	CLOSED	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	33	123A90-1724000049HV-PID-00041	I 8.0	HFD-77010 OPEN SIGNAL		77-ZSH-010	HFD-77010	DI	HFD-77010	HVAC UCP	NOT OPEN	OPEN	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	34	123A90-1724000049HV-PID-00041	I 8.1	HFD-77010 CLOSED SIGNAL		77-ZSL-010	HFD-77010	DI	HFD-77010	HVAC UCP	NOT CLOSED	CLOSED	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	35	123A90-1724000049HV-PID-00041	I 8.2	HFD-77011 OPEN SIGNAL		77-ZSH-011	HFD-77011	DI	HFD-77011	HVAC UCP	NOT OPEN	OPEN	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	36	123A90-1724000049HV-PID-00041	I 8.3	HFD-77011 CLOSED SIGNAL		77-ZSL-011	HFD-77011	DI	HFD-77011	HVAC UCP	NOT CLOSED	CLOSED	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	37	123A90-1724000049HV-PID-00041	I 9,7	TRIP SIGNAL HEATING CABLE			HHC-77003	DI	HVAC UCP	HVAC UCP	TRIP	NORMAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	38			**UNIT A**																					-
4	39	123A90-1724000049HV-PID-00041	Q0,4	HHU-77005 START			HHU-77005	DO	HVAC UCP	HVAC UCP	STOP	START	-	-	-	-	-	-	-	-	-	-	24V DC		-
4	40	123A90-1724000049HV-PID-00041	I1,5	MOTORISED DAMPER NOT OPEN			HDZ-77-301/2/3	DI	HHU-77005	HVAC UCP	NORMAL	FAULT	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	41	123A90-1724000049HV-PID-00041	I 1,6	MOTORISED DAMPER CLOSED			HDZ-77-301/2/3	DI	HHU-77005	HVAC UCP	NOT CLOSED	CLOSED	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	42	123A90-1724000049HV-PID-00041	I 1,7	MOTORISED DAMPER OPEN			HDZ-77-301/2/3	DI	HHU-77005	HVAC UCP	NOT OPEN	OPEN	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	43	123A90-1724000049HV-PID-00041	Q 0,5	PRESSURIZING FAN UNIT HHU-77005 HEATER			HSS-77-303	DO	HHU-77005	HVAC UCP	STOP	RUN	-	-	-	-	-	-	-	-	-	-	24V DC		-
4	44	123A90-1724000049HV-PID-00041	I 2,0	PRESSURIZING FAN UNIT HHU-77005 THERMIC PROTECTION			TE-77-301	DI	HHU-77005	HVAC UCP	NORMAL	FAULT	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	45	123A90-1724000049HV-PID-00041	I 2,1	PRESSURIZING FAN UNIT HHU-77005 VSD MALFUNCTION			HFM-77301	DI	HHU-77005	HVAC UCP	NORMAL	FAULT	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	46	123A90-1724000049HV-PID-00041	AQ 0,0	PRESSURIZING FAN MODULATION			HFM-77301	AO	HVAC UCP	HHU-77005			4	20mA	-	-	-	-	-	-	-	-	4-20mA		-
4	47	123A90-1724000049HV-PID-00041	I 2,2	PRESSURISING FAN TRIP			HFM-77-301	DI	HHU-77005	HVAC UCP	TRIP	NORMAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	48	123A90-1724000049HV-PID-00041	I 2,3	SUPPLY FAN RUN			HFM-77-302	DI	HHU-77005	HVAC UCP	STOP	RUN	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	49	123A90-1724000049HV-PID-00041	I 2,4	SUPPLY FAN BROKEN BELT ALARM			PDSL-77-301	DI	HHU-77005	HVAC UCP	NORMAL	FAULT	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	50	123A90-1724000049HV-PID-00041	I 2,5	SUPPLY FAN TRIP			HFM-77-302	DI	HHU-77005	HVAC UCP	TRIP	NORMAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	51	123A90-1724000049HV-PID-00041	Q 0,6	COMPRESSOR START			HCO-77-301	DO	HVAC UCP	HHU-77005	STOP	START	-	-	-	-	-	-	-	-	-	-	24V DC		-
4	52	123A90-1724000049HV-PID-00041	I 2,6	COMPRESSOR RUNNING			HCO-77-301	DI	HHU-77005	HVAC UCP	STOP	RUN	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-

CROSSWIND	HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-WP4-2023-05	ROSETTI MARINO
Document Titel:	B-300 HVAC IO LIST - E&I SHELTERS	Sh.5 of 7 28/01/2025 Rev: 5

Rev	Item	P&ID	Tag Number	Service Description	SIGNAL TAG	Equipment	IO Type	Location		Logic State		Range		E.U.	Alarms				Ex	Red	Mon	Signal Type	Power	Note
								From	To	State 0	State 1	Min	Max		LL	L	H	HH						
4	53	123A90-1724000049HV-PID-00041	I 2,7	COMPRESSOR TRIP		HCO-77-301	DI	HHU-77005	HVAC UCP	TRIP	NORMAL	-	-									VFC 24 Vdc		
4	54	123A90-1724000049HV-PID-00041	I 3,0	COMPRESSOR HIGH PRESSURE		PSH-77-301	DI	HHU-77005	HVAC UCP	NORMAL	FAULT	-	-											
4	55	123A90-1724000049HV-PID-00041	I 3,1	COMPRESSOR LOW PRESSURE		PSL-77-301	DI	HHU-77005	HVAC UCP	NORMAL	FAULT	-	-									VFC 24 Vdc		
4	56	123A90-1724000049HV-PID-00041	I 3,2	CONDENSER FAN TRIP		HFM-77-305/6	DI	HHU-77005	HVAC UCP	TRIP	NORMAL	-	-									VFC 24 Vdc		
4	57	123A90-1724000049HV-PID-00041	I 3,3	CONDENSER FAN VSD MALFUNCTION		HFM-77-305/6	DI	HHU-77005	HVAC UCP	NORMAL	FAULT	-	-									VFC 24 Vdc		
4	58	123A90-1724000049HV-PID-00041	I 3,4	FILTER CLOGGED		PDSH-77-301	DI	HHU-77005	HVAC UCP	NORMAL	FAULT	-	-									VFC 24 Vdc		
4	59	123A90-1724000049HV-PID-00041	I 3,5	ELECTRICAL HEATE RTHERMOSTATE TRIP		TSH/HH-77-301	DI	HHU-77005	HVAC UCP	TRIP	NORMAL	-	-									VFC 24 Vdc		
4	60	123A90-1724000049HV-PID-00041	I 3,6	ELECTRICAL HEATER TRIP		HSS-77-301	DI	HHU-77005	HVAC UCP	TRIP	NORMAL	-	-									VFC 24 Vdc		
4	61	123A90-1724000049HV-PID-00041	AQ 0,2	ELECTRICAL HEATER MODULATION		HSS-77-301	AO	HVAC UCP	HVAC UCP	-	-	4	20mA									4-20mA		
4	62	123A90-1724000049HV-PID-00041	I 3,7	ELECTRICAL HEATER MODULATION FAULT		HSS-77-301	DI	HHU-77005	HVAC UCP	TRIP	NORMAL	-	-									VFC 24 Vdc		
4	63	123A90-1724000049HV-PID-00041	I 4,0	EMERGENCY STOP BUTTON		HPB-77-301	DI	HHU-77005	HVAC UCP	TRIP	NORMAL	-	-									VFC 24 Vdc		
4	64	123A90-1724000049HV-PID-00041	I 4,1	SECTION SEZ HHU-77005 OPEN		B300-HSB-001	DI	HVAC UCP	HVAC UCP	TRIP	NORMAL	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	65	123A90-1724000049HV-PID-00041	I 0.1	PRESSURIZING FAN LOW PRESSURE		PDSL-77-302	DI	HHU-77005	HVAC UCP	NORMAL	CLOGGED											VFC 24 Vdc		
4	66			UNIT B																				-
4	67	123A90-1724000049HV-PID-00041	Q 0,7	HHU-77006 START		HHU-77006	DO	HVAC UCP	HVAC UCP	STOP	START	-	-			-	-	-	-	-	-	24V DC		-
4	68	123A90-1724000049HV-PID-00041	I 4,2	MOTORISED DAMPER NOT OPEN		HDZ-77-304/5/6	DI	HHU-77006	HVAC UCP	NORMAL	FAULT	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	69	123A90-1724000049HV-PID-00041	I 4,3	MOTORISED DAMPER CLOSED		HDZ-77-304/5/6	DI	HHU-77006	HVAC UCP	NOT CLOSED	CLOSED	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	70	123A90-1724000049HV-PID-00041	I 4,4	MOTORISED DAMPER OPEN		HDZ-77-304/5/6	DI	HHU-77006	HVAC UCP	NOT OPEN	OPEN	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	71	123A90-1724000049HV-PID-00041	Q 1,0	PRESSURIZING FAN UNIT HHU-77006 HEATER		HSS-77-306	DO	HHU-77006	HVAC UCP	STOP	RUN	-	-			-	-	-	-	-	-	24V DC		-
4	72	123A90-1724000049HV-PID-00041	I 4,5	PRESSURIZING FAN UNIT HHU-77006 THERMIC PROTECTION		TE-77-302	DI	HHU-77006	HVAC UCP	NORMAL	FAULT	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	73	123A90-1724000049HV-PID-00041	I 4,6	PRESSURIZING FAN UNIT HHU-77006 VSD MALFUNCTION		HFM-77-303	DI	HHU-77006	HVAC UCP	NORMAL	FAULT	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	74	123A90-1724000049HV-PID-00041	AQ 0,1	PRESSURIZING FAN MODULATION		HFM-77-303	AO	HVAC UCP	AHHU-77003B			4	20mA			-	-	-	-	-	-	4-20mA		-
4	75	123A90-1724000049HV-PID-00041	I 4,7	PRESSURISING FAN TRIP		HFM-77-303	DI	HHU-77006	HVAC UCP	TRIP	NORMAL	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	76	123A90-1724000049HV-PID-00041	I 5,0	SUPPLY FAN RUN		HMF-77-304	DI	HHU-77006	HVAC UCP	STOP	RUN	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	77	123A90-1724000049HV-PID-00041	I 5,1	SUPPLY FAN BROKEN BELT ALARM		PDSL-77-302	DI	HHU-77006	HVAC UCP	NORMAL	FAULT	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	78	123A90-1724000049HV-PID-00041	I 5,2	SUPPLY FAN TRIP		HMF-77-304	DI	HHU-77006	HVAC UCP	TRIP	NORMAL	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	79	123A90-1724000049HV-PID-00041	Q 1,1	COMPRESSOR START		HCO-77-302	DO	HHU-77006	HVAC UCP	STOP	START	-	-			-	-	-	-	-	-	24V DC		-
4	80	123A90-1724000049HV-PID-00041	I 5,3	COMPRESSOR RUNNING		HCO-77-302	DI	HHU-77006	HVAC UCP	STOP	RUN	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	81	123A90-1724000049HV-PID-00041	I 5,4	COMPRESSOR TRIP		HCO-77-302	DI	HHU-77006	HVAC UCP	TRIP	NORMAL	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	82	123A90-1724000049HV-PID-00041	I 5,5	COMPRESSOR HIGH PRESSURE		PSH-77-302	DI	HHU-77006	HVAC UCP	NORMAL	FAULT	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	83	123A90-1724000049HV-PID-00041	I 5,6	COMPRESSOR LOW PRESSURE		PSL-77-302	DI	HHU-77006	HVAC UCP	NORMAL	FAULT	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	84	123A90-1724000049HV-PID-00041	I 5,7	CONDENSER FAN TRIP		HFM-77-307/8	DI	HHU-77006	HVAC UCP	TRIP	NORMAL	-	-			-	-	-	-	-	-	VFC 24 Vdc		-
4	85	123A90-1724000049HV-PID-00041	I 6,0	CONDENSER FAN VSD MALFUNCTION		HFM-77-307/8	DI	HHU-77006	HVAC UCP	NORMAL	FAULT	-	-									VFC 24 Vdc		
4	86	123A90-1724000049HV-PID-00041	I 6,1	FILTER CLOGGED		PDSH-77-303	DI	HHU-77006	HVAC UCP	NORMAL	FAULT	-	-									VFC 24 Vdc		
4	87	123A90-1724000049HV-PID-00041	I 6,2	ELECTRICAL HEATE RTHERMOSTATE TRIP		TSH/HH-77-302	DI	HHU-77006	HVAC UCP	TRIP	NORMAL	-	-									VFC 24 Vdc		
4	88	123A90-1724000049HV-PID-00041	I 6,3	ELECTRICAL HEATER TRIP		HSS-77-305	DI	HHU-77006	HVAC UCP	TRIP	NORMAL	-	-									VFC 24 Vdc		
4	89	123A90-1724000049HV-PID-00041	AQ 0,3	ELECTRICAL HEATER MODULATION		HSS-77-305	AO	HHU-77006	HVAC UCP	TRIP	NORMAL	4	20mA									4-20mA		
4	90	123A90-1724000049HV-PID-00041	I 6,4	ELECTRICAL HEATER MODULATION FAULT		HSS-77-305	DI	HHU-77006	HVAC UCP	TRIP	NORMAL	-	-									VFC 24 Vdc		
4	91	123A90-1724000049HV-PID-00041	I6,5	EMERGENCY STOP BUTTON		HPB-77-302	DI	HHU-77006	HVAC UCP	TRIP	NORMAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	92	123A90-1724000049HV-PID-00041	I6,6	SECTIONE SEZ HHU-77006 OPEN		B300-HSB-001	DI	HHU-77006	HVAC UCP	TRIP	NORMAL	-	-	-	-	-	-	-	-	-	-	VFC 24 Vdc		-
4	93	123A90-1724000049HV-PID-00041	I 7.7	PRESSURIZING FAN LOW PRESSURE		PDSL-77-304	DI	HHU-77006	HVAC UCP	NORMAL	CLOGGED	-	-									VFC 24 Vdc		

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HVAC ModBUs Signal

Rev	Item	P&ID	PLC I / O	Service Description	EQUIPMENT TAG	SIGNAL TAG	SIGNAL TYPE		SIGNAL TO PCS	MODBUS			STATUS		E.U.	RANGE		READ (R) WRITE (W)	
							PROTOCOL	TYPE		SLAVE ADDRESS	REGISTER	BIT NO.	HIGH - 1	LOW - 0		MIN	MAX		
4	94	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE			ModBus TCP/IP	BOOL	DIGITAL		40001	0						R	
4	95	123A90-1724000049HV-PID-00041	Modbus TCP/IP	B300-HSB-100 Main Braker Trip	B300-HSB-001	B300-HSB-001-MBTRP	ModBus TCP/IP	BOOL	DIGITAL		40001	1	TRIP	OK				R	
4	96	123A90-1724000049HV-PID-00041	Modbus TCP/IP	B300-HSB-100 Panel emergency Button	B300-HSB-001	B300-HSB-001-PEB	ModBus TCP/IP	BOOL	DIGITAL		40001	2	TRIP	OK				R	
4	97	123A90-1724000049HV-PID-00041	Modbus TCP/IP	B300-HSB-100 Module Light Trip	B300-HSB-001	B300-HSB-001-MLTRP	ModBus TCP/IP	BOOL	DIGITAL		40001	3	TRIP	OK				R	
4	98	123A90-1724000049HV-PID-00041	Modbus TCP/IP	B300-HSB-100 Module Socket Trip	B300-HSB-001	B300-HSB-001-MSTRP	ModBus TCP/IP	BOOL	DIGITAL		40001	4	TRIP	OK				R	
4	99	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHS-77-007/8/9 Space Heater Trip	HHS-77-007/8/9	HHS-77-007/8/9-TRP	ModBus TCP/IP	BOOL	DIGITAL		40001	5	TRIP	OK				R	
4	100	123A90-1724000049HV-PID-00041	Modbus TCP/IP	B300-HSB-100 Main Panel Aux Section Trip	B300-HSB-001	B300-HSB-001-ATRP	ModBus TCP/IP	BOOL	DIGITAL		40001	6	TRIP	OK				R	
4	101	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHS-77-007/8/9 Space Heater Fault	HHS-77-007/8/9	HHS-77-007/8/9-F	ModBus TCP/IP	BOOL	DIGITAL		40001	7	TRIP	OK				R	
4	102	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 Press Fan Low Pressure	HHU-77005	HHU-77005-PFFC	ModBus TCP/IP	BOOL	DIGITAL		40001	8	TRIP	OK				R	
4	103	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 motorised dampers Fault	HHU-77005	HHU-77005-MDF	ModBus TCP/IP	BOOL	DIGITAL		40001	9	TRIP	OK				R	-
4	104	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 press fan PTC protection	HFM-77-301	HFM-77-301-PTCP	ModBus TCP/IP	BOOL	DIGITAL		40001	10	TRIP	OK				R	-
4	105	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 press fan VSD fault	HFM-77-301	HFM-77-301-VSDF	ModBus TCP/IP	BOOL	DIGITAL		40001	11	TRIP	OK				R	-
4	106	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 press fan trip	HFM-77-301	HFM-77-301-TRP	ModBus TCP/IP	BOOL	DIGITAL		40001	12	TRIP	OK				R	-
4	107	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 broken belt alarm	HFM-77-302	HFM-77-302-BBA	ModBus TCP/IP	BOOL	DIGITAL		40001	13	TRIP	OK				R	-
4	108	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 supply fan trip	HFM-77-302	HFM-77-302-TRP	ModBus TCP/IP	BOOL	DIGITAL		40001	14	TRIP	OK				R	-
4	109	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 compressor trip	HCO-77-301	HCO-77-301-TRP	ModBus TCP/IP	BOOL	DIGITAL		40001	15	TRIP	OK				R	-
4	110	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 high pressure alarm	HCO-77-301	HCO-77-301-HPA	ModBus TCP/IP	BOOL	DIGITAL		40002	0	TRIP	OK				R	-
4	111	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 low pressure alarm	HCO-77-301	HCO-77-301-LPA	ModBus TCP/IP	BOOL	DIGITAL		40002	1	TRIP	OK				R	-
4	112	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 condenser fan trip	HFM-77-305/306	HFM-77-305/306-TRP	ModBus TCP/IP	BOOL	DIGITAL		40002	2	TRIP	OK				R	-
4	113	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 condenser fan VSD fault	HFM-77-305/306	HFM-77-305/306-VSDF	ModBus TCP/IP	BOOL	DIGITAL		40002	3	TRIP	OK				R	-
4	114	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 electrical heater Protection thermostate	HSS-77-301	HSS-77-301-TSPH	ModBus TCP/IP	BOOL	DIGITAL		40002	4	TRIP	OK				R	-
4	115	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 electrical heater trip	HSS-77-301	HSS-77-301-TRP	ModBus TCP/IP	BOOL	DIGITAL		40002	5	TRIP	OK				R	-
4	116	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 electrical heater modulation fault	HSS-77-301	HSS-77-301-MF	ModBus TCP/IP	BOOL	DIGITAL		40002	6	TRIP	OK				R	-
4	117	123A90-1724000049HV-PID-00041	Modbus TCP/IP	Spare			ModBus TCP/IP	BOOL	DIGITAL		40002	7						R	-
4	118	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 main braker trip	HHU-77005	HHU-77005-MBTRP	ModBus TCP/IP	BOOL	DIGITAL		40002	8	TRIP	OK				R	-
4	119	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 filter clogged	HHU-77005	HHU-77005-PFFC	ModBus TCP/IP	BOOL	DIGITAL		40002	9	CLOGGED	OK				R	-
4	120	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 motorise dampers fault	HHU-77006	HHU-77006-MDF	ModBus TCP/IP	BOOL	DIGITAL		40002	10	TRIP	OK				R	-
4	121	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 press fan PTC protection	HFM-77-303	HFM-77-303-PTCP	ModBus TCP/IP	BOOL	DIGITAL		40002	11	TRIP	OK				R	-
4	122	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 press fan VSD fault	HFM-77-303	HFM-77-303-VSDF	ModBus TCP/IP	BOOL	DIGITAL		40002	12	TRIP	OK				R	
4	123	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 press fan trip	HFM-77-303	HFM-77-303-TRP	ModBus TCP/IP	BOOL	DIGITAL		40002	13	TRIP	OK				R	
4	124	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 broken belt alarm	HFM-77-304	HFM-77-304-BBA	ModBus TCP/IP	BOOL	DIGITAL		40002	14	TRIP	OK				R	
4	125	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 supply fan trip	HFM-77-304	HFM-77-304-TRP	ModBus TCP/IP	BOOL	DIGITAL		40002	15	TRIP	OK				R	
4	126	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 compressor trip	HCO-77-302	HCO-77-302-TRP	ModBus TCP/IP	BOOL	DIGITAL		40003	0	TRIP	OK				R	
4	127	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 high pressure alarm	HCO-77-302	HCO-77-302-HPA	ModBus TCP/IP	BOOL	DIGITAL		40003	1	TRIP	OK				R	
4	128	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 low pressure alarm	HCO-77-302	HCO-77-302-LPA	ModBus TCP/IP	BOOL	DIGITAL		40003	2	TRIP	OK				R	-
4	129	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 condenser fan trip	HFM-77-307/308	HFM-77-307/308-TRP	ModBus TCP/IP	BOOL	DIGITAL		40003	3	TRIP	OK				R	-
4	130	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 condenser fan VSD fault	HFM-77-307/308	HFM-77-307/308-VSDF	ModBus TCP/IP	BOOL	DIGITAL		40003	4	TRIP	OK				R	
4	131	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 filter clogged	HHU-77006	HHU-77006-FC	ModBus TCP/IP	BOOL	DIGITAL		40003	5	CLOGGED	OK				R	
4	132	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 electrical heater Protection termostate	HSS-77-305	HSS-77-305-TSPH	ModBus TCP/IP	BOOL	DIGITAL		40003	6	TRIP	OK				R	
4	133	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 electrical heater trip	HSS-77-305	HSS-77-305-TRP	ModBus TCP/IP	BOOL	DIGITAL		40003	7	TRIP	OK				R	
4	134	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 electrical heater modulation fault	HSS-77-305	HSS-77-305-MF	ModBus TCP/IP	BOOL	DIGITAL		40003	8	TRIP	OK				R	
4	135	123A90-1724000049HV-PID-00041	Modbus TCP/IP	Spare			ModBus TCP/IP	BOOL	DIGITAL		40003	9						R	
4	136	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 main braker open	HHU-77006	HHU-77006-MBTRP	ModBus TCP/IP	BOOL	DIGITAL		40003	10	TRIP	OK				R	
4	137	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HFD-77007 Not Close	HFD-77007	HFD-77007-ZSL	ModBus TCP/IP	BOOL	DIGITAL		40003	11	FAULT	OK				R	
4	138	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HFD-77007 Not Open	HFD-77007	HFD-77007-ZSH	ModBus TCP/IP	BOOL	DIGITAL		40003	12	FAULT	OK				R	
4	139	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HFD-77008 Not Close	HFD-77008	HFD-77008-ZSL	ModBus TCP/IP	BOOL	DIGITAL		40003	13	FAULT	OK				R	
4	140	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HFD-77008 Not Open	HFD-77008	HFD-77008-ZSH	ModBus TCP/IP	BOOL	DIGITAL		40003	14	FAULT	OK				R	

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HVAC ModBUs Signal

Rev	Item	P&ID	PLC 1 / O	Service Description	EQUIPMENT TAG	SIGNAL TAG	SIGNAL TYPE		SIGNAL TO PCS	MODBUS			STATUS		E.U.	RANGE				READ (R) WRITE (W)	
							PROTOCOL	TYPE		SLAVE ADDRESS	REGISTER	BIT NO.	HIGH - 1	LOW - 0		MIN		MAX			
4	141	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HFD-77009 Not Close	HFD-77009	HFD-77009-ZSL	ModBus TCP/IP	BOOL	DIGITAL		40003	15	FAULT	OK						R	
4	142	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HFD-77009 Not Open	HFD-77009	HFD-77009-ZSH	ModBus TCP/IP	BOOL	DIGITAL		40004	0	FAULT	OK						R	
4	143	123A90-1724000049HV-PID-00041	Modbus TCP/IP	Modbus Server Error	B300-HSB-001	B300-HSB-001-MSE	ModBus TCP/IP	BOOL	DIGITAL		40004	1	FAULT	OK						R	
4	144	123A90-1724000049HV-PID-00041	Modbus TCP/IP	ModbusFault	B300-HSB-001	B300-HSB-001-MODBUSF	ModBus TCP/IP	BOOL	DIGITAL		40004	2	FAULT	OK						R	
4	145	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 press fan low pressure	HHU-77006	HHU-77006-PFFC	ModBus TCP/IP	BOOL	DIGITAL		40004	3	FAULT	OK						R	
4	146	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HFD-77010 Not Close	HFD-77010	HFD-77010-ZSL	ModBus TCP/IP	BOOL	DIGITAL		40004	4	FAULT	OK						R	
4	147	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HFD-77010 Not Open	HFD-77010	HFD-77010-ZSH	ModBus TCP/IP	BOOL	DIGITAL		40004	5	FAULT	OK						R	
4	148	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HFD-77011 Not Close	HFD-77011	HFD-77011-ZSL	ModBus TCP/IP	BOOL	DIGITAL		40004	6	FAULT	OK						R	
4	149	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HFD-77011 Not Open	HFD-77011	HFD-77011-ZSH	ModBus TCP/IP	BOOL	DIGITAL		40004	7	FAULT	OK						R	
4	150	123A90-1724000049HV-PID-00041	Modbus TCP/IP	77-TT-301 Fault	77-TT-301	77-TT-301-F	ModBus TCP/IP	BOOL	DIGITAL		40004	8	FAULT	OK						R	
4	151	123A90-1724000049HV-PID-00041	Modbus TCP/IP	77-TT-302 Fault	77-TT-302	77-TT-302-F	ModBus TCP/IP	BOOL	DIGITAL		40004	9	FAULT	OK						R	
4	152	123A90-1724000049HV-PID-00041	Modbus TCP/IP	77-TT-303 Fault	77-TT-303	77-TT-303-F	ModBus TCP/IP	BOOL	DIGITAL		40004	10	FAULT	OK						R	
4	153	123A90-1724000049HV-PID-00041	Modbus TCP/IP	77-TT-304 Fault	77-TT-304	77-TT-304-F	ModBus TCP/IP	BOOL	DIGITAL		40004	11	FAULT	OK						R	
4	154	123A90-1724000049HV-PID-00041	Modbus TCP/IP	77-PT-301 Fault	77-PT-301	77-PT-301-F	ModBus TCP/IP	BOOL	DIGITAL		40004	12	FAULT	OK						R	
4	155	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40004	13								R	
4	156	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40004	14								R	
4	157	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40004	15								R	
4	158	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	0								R	
4	159	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	1								R	
4	160	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	2								R	
4	161	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	3								R	
4	162	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	4								R	
4	163	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	5								R	
4	164	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	6								R	
4	165	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	7								R	
4	166	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	8								R	
4	167	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HVAC System Major Fault	B300-HSB-001	B300-HSB-001-MF	ModBus TCP/IP	BOOL	DIGITAL		40005	9	FAULT	OK						R	
4	168	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	10								R	
4	169	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	11								R	
4	170	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	12								R	
4	171	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	13								R	
4	172	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	14								R	
4	173	123A90-1724000049HV-PID-00041	Modbus TCP/IP	SPARE		R	ModBus TCP/IP	BOOL	DIGITAL		40005	15								R	
4	174	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 STATUS	HHU-77005	HHU-77005-S	ModBus TCP/IP	INT	DIGITAL		40006				NA					R	1=AVAILABLE 2=RUN 3=FAULT
4	175	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 STATUS	HHU-77006	HHU-77006-S	ModBus TCP/IP	INT	DIGITAL		40007				NA					R	1=AVAILABLE 2=RUN 3=FAULT
4	176	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHS-77-007/8/9 STATUS	HHS-77-007/8/9	HHS-77-007/8/9-S	ModBus TCP/IP	INT	DIGITAL		40008				NA					R	1=AVAILABLE 2=RUN 3=FAULT
4	177	123A90-1724000049HV-PID-00041	Modbus TCP/IP	B300 Medium Internal Temperature	B300-HSB-001	B300-HSB-001-MT	ModBus TCP/IP	INT	DIGITAL		40009				NA					R	DIVIDE THE NUMBER BY TEN TO GET THE CORRECT VALUE
4	178	123A90-1724000049HV-PID-00041	Modbus TCP/IP	System Start From PCS	B300-HSB-001	B300-HSB-001-SSTART	ModBus TCP/IP	BOOL	DIGITAL		40010		START	NONE	°C					W	SART SIGNAL FROM PCS
4	179	123A90-1724000049HV-PID-00041	Modbus TCP/IP	System Stop From PCS	B300-HSB-001	B300-HSB-001-SSTOP	ModBus TCP/IP	BOOL	DIGITAL		40011		STOP	NONE	NA					W	STOP SIGNAL FROM PCS
4	180	123A90-1724000049HV-PID-00041	Modbus TCP/IP	B300 Internal Pressure	B300-HSB-001	B300-HSB-001-MP	ModBus TCP/IP	INT	DIGITAL		40012				Pa					R	DIVIDE THE NUMBER BY TEN TO GET THE CORRECT VALUE
4	181	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HFM-77-301 Percentage of Capacity Utilisation	B300-HSB-001	B300-HSB-001-HFM1P	ModBus TCP/IP	INT	DIGITAL		40013									R	
4	182	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HFM-77-303 Percentage of Capacity Utilisation	B300-HSB-001	B300-HSB-001-HFM2P	ModBus TCP/IP	INT	DIGITAL		40014									R	
4	183	123A90-1724000049HV-PID-00041	Modbus TCP/IP	System Reset Fault	B300-HSB-001	B300-HSB-001-SR	ModBus TCP/IP	BOOL	DIGITAL		40015		RESET	NONE						W	SIGNAL FOR RESET ALARM
4	184	123A90-1724000049HV-PID-00041	Modbus TCP/IP	WatchDog	B300-HSB-001	B300-HSB-001-WD	ModBus TCP/IP	BOOL	DIGITAL		40016									W	PULSATING HIGH/LOW SIGNAL WITH FREQUENCI UNDER 15S
5	185	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77005 SELECTOR STATUS	B300-HSB-001	B300-HSB-001-SS	ModBus TCP/IP	INT	ANALOG		40017				NA					R	1= AUTO 2= MANUAL 3=OFF
5	186	123A90-1724000049HV-PID-00041	Modbus TCP/IP	HHU-77006 SELECTOR STATUS	B300-HSB-001	B300-HSB-002-SS	ModBus TCP/IP	INT	ANALOG		40018				NA					R	1= AUTO 2= MANUAL 3=OFF