Base Load Power Hub (BLPH)

B-400 LOAD LISTS - E&I SHELTERS

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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
M. Gatti	05-02-25

Rev.	Date	Description	Prepared	Reviewed	Approved
3	17/12/2024	Issue for Information (IFI)	M.G.	A.O.	A.C.
2	21/11/2024	Issue for Information (IFI)	M.G.	A.O.	A.C.
1	14/10/2024	Issue for Information (IFI)	M.G.	A.O.	A.C.
0	08/07/2024	Issue for Information (IFI)	P.C.	A.O.	A.C.

ALEXSISTEMI spa

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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)

HOLDS LIST

No.	Description
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CROSSWIND	HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05	ROSETTI MARINO
Document Title:	B-400 LOAD LISTS - E&I SHELTERS	Sh. 4 of 4 Date: 17/12/2024 Rev. 3

B-400 HVAC ELECTRICAL LOAD LIST

NOTE	1	2	3	4	5	6	7	8	9			10	11	12						
NO. Pos.	UNIT TAG	DESCRIPTION	ITEM TAG	MANUFAC-	TYPE TYPE	STA Mode	RATED VOLTAGE (V)	RATED CURRENT (A)	RATED SPEED (RPM)	Efficiency	PH	POWER FACTOR	RATED POWER kW	CONSUMED LOAD						REMARKS
														CONTINUOUS		ON DEMAND		STAND BY		
														kW	A	kW	A	kW	A	
1	HHU-77007	PRESSURIZING FAN	HFM-77-401	MORO	MIS	C	400	0,85	1450	70,3	3	0,85	0,5	0,35	0,6					VSD
		COMPRESSOR	HCO-77-401	PANASONIC	MIS	C	400	16,8	3450	NA	3	0,85	9,8	6,21	11,5					
		SUPPLY FAN	HFM-77-402	NICOTRA	MIS	C	400	5,1	1465	82,6	3	0,85	3	2,48	4,22					
		ELECTRICAL HEATER	HSS-77-401	DIAMANTI	N	OD	400	13,01	NA	100	3	1	9			9	13,01			
		CONDENSER FAN 1	HFM-77-405	ELEKTROVENT	MIS	C	400	0,85	1500	70,3	3	0,85	0,5	0,35	0,6					VSD
		CONDENSER FAN 2	HFM-77-406	ELEKTROVENT	MIS	C	400	0,85	1500	70,3	3	0,85	0,5	0,35	0,6					VSD
		MOTORISED DAMPERS	HDZ-77-401/2/3	LUFBERG	N	C	230	1,3	NA	NA	1	1	0,3	0,25	0,63					PHASE R - N
2	HHU-77008	PRESSURIZING FAN	HFM-77-403	MORO	MIS	SB	400	0,85	1450	70,3	3	0,85	0,5					0,35	0,6	VSD
		COMPRESSOR	HCO-77-402	PANASONIC	MIS	SB	400	16,8	3450	NA	3	0,85	9,8					6,21	11,5	
		SUPPLY FAN	HFM-77-404	NICOTRA	MIS	SB	400	5,1	1465	82,6	3	0,85	3					2,48	4,22	
		ELECTRICAL HEATER	HSS-77-405	DIAMANTI	N	SB	400	13,01	NA	100	3	1	9					9	13,01	
		CONDENSER FAN 1	HFM-77-407	ELEKTROVENT	MIS	SB	400	0,85	1500	70,3	3	0,85	0,5					0,35	0,6	VSD
		CONDENSER FAN 2	HFM-77-408	ELEKTROVENT	MIS	SB	400	0,85	1500	70,3	3	0,85	0,5					0,35	0,6	VSD
		MOTORISED DAMPERS	HDZ-77-404/5/6	LUFBERG	N	SB	230	1,3	NA	NA	1	1	0,3					0,25	0,63	PHASE R - N
3	HHS-77-010	SPACE HEATER	HHS-77-010	KRAEMER & KRAUS	N	OD	230	2,89	NA	100	1	1	2			2	8,7			PHASE R - N
4	HHS-77-011	SPACE HEATER	HHS-77-011	KRAEMER & KRAUS	N	OD	230	2,89	NA	100	1	1	2			2	8,7			PHASE S - N
5	HHS-77-012	SPACE HEATER	HHS-77-012	KRAEMER & KRAUS	N	SB	230	2,89	NA	100	1	1	2					2	8,7	PHASE T - N
6	PECW-B400H-F1-L1-01	SHELTER CIRCUITT LIGHT	PECW-B400H-F1-L1-01	DISANO	N	OD	230	0,72	NA	NA	1	0,8	0,5			0,45	0,65			PHASE R - N
7	PESO-B400H-F2-L2-01	SHELTER CIRCUIT SOCKET	PESO-B400H-F2-L2-01	SCAME	N	OD	230	2,16	NA	NA	1	0,8	1,5			1,35	1,95			PHASE S - N
8	HHC-77-004	HEATING CABLE	HHC-77-004	ETELEC	N	OD	230	1,1	NA	NA	1	1	0,2			0,2	1,1			PHASE T - N

	CONTINUOUS		ON DEMAND		STAND BY	
	kW		kW		kW	
	9,99		14,75		20,99	

CURRENT PICK LOAD		POWER PICK LOAD	
29,1	A	18,1	kW

TOTAL LOADS BY PHASE						
A	18,15	A	19,11	A	31,16	PHASE R - N
A	18,15	A	20,41	A	30,53	PHASE S - N
A	18,15	A	10,58	A	39,23	PHASE T - N

1 Short designation as per numbering system

2 The description of the equipment/consumer

3 Location of the equipment/consumer to be installed

4 Maker of the equipment /consumer

5 Type of the equipment /consumer

- Synchronous Type Motor: MS
- Induction Squirrel Cage Type Motor: MIS
- Induction Wound Type Motor: MIW
- Non motor: N

6 Operation mode of the equipment/consumer

- Continuous operation : C
- Intermittent operation : I (CONSIDERE AT 75% OF TOTAL LOAD)
- Infrequent operation (Start up or maintenance, etc.) : IF
- On demand : OD
- Stand by operation : SB

7 Rated voltage of the equipment/consumer

8 Rated current for the motor

9 Rated speed for the motor

10 Phase for the equipment/consumer

11 Power factor of the equipment/consumer

12 Rated output

C.S. CONSTRUCTOR STANDARD

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