Base Load Power Hub (BLPH)

B-300 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
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Sign	Date
M. Gatti	05-02-25

Rev.	Date	Description	Prepared	Reviewed	Approved
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0	08/07/2024	Issue for Information (IFI)	P.C.	A.O.	A.C.

ALEXSISTEMI spa

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3	Revision / Change Log	X	X	X	X				
4	B-300 HVAC ELECTRICAL LOAD LIST	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)

HOLDS LIST

No.	Description
1.	
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B-300 HVAC ELECTRICAL LOAD LIST

NOTE	1	2	3	4	5	6	7	8	9		10	11	12							
NO. Pos.	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	
01	HHU-77005	PRESSURIZING FAN	HFM-77-301	MORO	MIS	C	400	0,85	1450	70,3	3	0,85	0,50	0,35	0,60					VSD
		COMPRESSOR	HCO-77-301	PANASONIC	MIS	C	400	9,86	3450	NA	3	0,85	5,80	3,80	7,30					
		SUPPLY FAN	HFM-77-302	NICOTRA	MIS	C	400	5,10	1465	82,6	3	0,85	3,00	2,48	4,22					
		ELECTRICAL HEATER	HSS-77-301	DIAMANTI	N	OD	400	8,67	NA	100	3	1	6,00			6,00	8,67			
		CONDENSER FAN 1	HFM-77-305	ELEKTROVENT	MIS	C	400	0,85	1500	70,3	3	0,85	0,50	0,35	0,60					VSD
		CONDENSER FAN 2	HFM-77-306	ELEKTROVENT	MIS	C	400	0,85	1500	70,3	3	0,85	0,50	0,35	0,60					VSD
		MOTORISED DAMPERS	HDZ-77-301/2/3	LUFBERG	N	C	230	1,30	NA	NA	1	1	0,30	0,25	0,63					
02	HHU-77006	PRESSURIZING FAN	HFM-77-303	MORO	MIS	SB	400	0,85	1450	70,3	3	0,85	0,50					0,35	0,60	VSD
		COMPRESSOR	HCO-77-302	PANASONIC	MIS	SB	400	9,86	3450	NA	3	0,85	5,80					3,80	7,30	
		SUPPLY FAN	HFM-77-304	NICOTRA	MIS	SB	400	5,10	1465	82,6	3	0,85	3,00					2,48	4,22	
		ELECTRICAL HEATER	HSS-77-305	DIAMANTI	N	SB	400	8,67	NA	100	3	1	6,00					6,00	8,67	
		CONDENSER FAN 1	HFM-77-307	ELEKTROVENT	MIS	SB	400	0,85	1500	70,3	3	0,85	0,50					0,35	0,60	VSD
		CONDENSER FAN 2	HFM-77-308	ELEKTROVENT	MIS	SB	400	0,85	1500	70,3	3	0,85	0,50					0,35	0,60	VSD
		MOTORISED DAMPERS	HDZ-77-304/5/6	LUFBERG	N	SB	230	1,30	NA	NA	1	1	0,30					0,25	0,63	
03	HHS-77-007	SPACE HEATER	HHS-77-007	KRAEMER & KRAUS	N	OD	230	8,70	NA	100	1	1	2,00			2,00	8,70			PHASE R - N
04	HHS-77-008	SPACE HEATER	HHS-77-008	KRAEMER & KRAUS	N	OD	230	2,89	NA	100	1	1	2,00			2,00	8,70			PHASE S - N
05	HHS-77-009	SPACE HEATER	HHS-77-009	KRAEMER & KRAUS	N	SB	230	2,89	NA	100	1	1	2,00					2,00	8,70	PHASE T - N
06	PECW-B300H-F1-L1-01	SHELTER CIRCUITT LIGHT	PECW-B300H-F1-L1-01	DISANO	N	OD	230	0,72	NA	NA	1	0,8	0,50			0,45	0,65			PHASE R - N
07	PESO-B300H-F2-L2-01	SHELTER CIRCUIT SOCKET	PESO-B300H-F2-L2-01	SCAME	N	OD	230	2,16	NA	NA	1	0,8	1,50			1,35	1,95			PHASE S - N
08	HHC-77-003	HEATING CABLE	HHC-77-003	ETELEC	N	OD	230	1,20	NA	NA	1	1	0,25			0,25	1,20			PHASE T - N
														CONTINUOUS		ON DEMAND		STAND BY		
														kW		kW		kW		
														7,58		10,55		15,58		

CURRENT PICK LOAD		POWER PICK LOAD		TOTAL LOADS BY PHASE						
				A	13,93	A	15,85	A	22,60	PHASE R - N
24,75	A	15,13	kW	A	13,93	A	17,15	A	22,60	PHASE S - N
				A	13,93	A	7,40	A	31,30	PHASE T - N

1 Short designation as per numbering system shall be recorded

2 The description of the equipment/consumer to be recorded

3 Location of the equipment/consumer to be installed shall be recorded

4 Maker of the equipment /consumer to be recorded

5 Type of the equipment /consumer, to be recorded

- 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 to be recorded

- 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 to be recorded

9 Rated speed for the motor to be recorded

10 Phase for the equipment/consumer shall be recorded

11 Power factor of the equipment/consumer to be recorded

12 Rated output shall be recorded

C.S. CONSTRUCTOR STANDARD

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