Base Load Power Hub (BLPH)

SG-200D2 I/O LIST
Lv Switchgear

Document Number: 1723002197-EL-LIS-00043

Document Class:2

01	18/09/2024	As Built (ASB)	Flamminio	Santinelli	Mastri
00	10/07/2024	Issue for Review (IFR)	Flamminio	Santinelli	Mastri
Rev.	Date	Description	Prepared	Reviewed	Approved

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IMESA Doc. n. 231115/SD/43

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Revision / Change Log

Rev.	Description
00	Issue or Review (IFR)
01	As Built (ASB)

HOLDS LIST

No.	Description
1.	
2.	
3.	
4.	

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ITEM	SWITCHGEAR TAG	VOLTAGE	TAG NAME	DEVICE	SIGNAL_DESCRIPTION	TYPE ANALOG/DIGITAL	RELAY/DEVICE MODEL	UNIT	SCALE FACTOR	MODBUS TCP/IP Register	MODBUS TCP/IP Data Type	MODBUS TCP/IP Function Code	Note
1	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - PROTECTION TRIPPED "L"	SW-DI	Ekip Hi-Touch			50.0	BOOL	04	1=tripped
2	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - PROTECTION TRIPPED "S"	SW-DI	Ekip Hi-Touch			50.1	BOOL	04	1=tripped
3	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - PROTECTION TRIPPED "I"	SW-DI	Ekip Hi-Touch			50.2	BOOL	04	1=tripped
4	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - PROTECTION TRIPPED "G"	SW-DI	Ekip Hi-Touch			50.3	BOOL	04	1=tripped
5	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - TRIPPED (COMMON)	SW-DI	Ekip Hi-Touch			40.3	BOOL	04	1=tripped
6	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - OPEN	SW-DI	Ekip Hi-Touch			40.6	BOOL	04	1=open
7	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - CLOSED	SW-DI	Ekip Hi-Touch			40.0	BOOL	04	1=closed
8	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - CONNECTED	SW-DI	Ekip Hi-Touch			40.1	BOOL	04	1=connected
9	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - ISOLATED	SW-DI	Ekip Hi-Touch			40.1	BOOL	04	0=isolated
10	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - TEST	SW-DI	Ekip Hi-Touch			40.2	BOOL	04	1=test
11	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - TRIP UNIT DISCONNECTED	SW-DI	Ekip Hi-Touch			40.15	BOOL	04	1=Failure
12	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - CLOSE COMMAND	SW-DO	Ekip Hi-Touch			0.8	E32	16	1=close command
13	SG200D2	0.8kV	INCOMING	QB1	CIRCUIT-BRAKER - OPEN COMMAND	SW-DO	Ekip Hi-Touch			0.7	E32	16	1=open command
14	SG200D2	0.8kV	INCOMING	QB1	MEASURE - CURRENT "L1"	SW-AI	Ekip Hi-Touch	A	0,1	100÷101	U32	04	
15	SG200D2	0.8kV	INCOMING	QB1	MEASURE - CURRENT "L2"	SW-AI	Ekip Hi-Touch	A	0,1	102÷103	U32	04	
16	SG200D2	0.8kV	INCOMING	QB1	MEASURE - CURRENT "L3"	SW-AI	Ekip Hi-Touch	A	0,1	104÷105	U32	04	
17	SG200D2	0.8kV	INCOMING	QB1	MEASURE - VOLTAGE "L1-L2"	SW-AI	Ekip Hi-Touch	V	0,1	154	U16	04	
18	SG200D2	0.8kV	INCOMING	QB1	MEASURE - VOLTAGE "L2-L3"	SW-AI	Ekip Hi-Touch	V	0,1	155	U16	04	
19	SG200D2	0.8kV	INCOMING	QB1	MEASURE - VOLTAGE "L3-L1"	SW-AI	Ekip Hi-Touch	V	0,1	156	U16	04	
20	SG200D2	0.8kV	INCOMING	QB1	MEASURE - FREQUENCY	SW-AI	Ekip Hi-Touch	Hz	0,01	254	U16	04	
21	SG200D2	0.8kV	INCOMING	QB1	MEASURE - APPARENT POWER	SW-AI	Ekip Hi-Touch	kVA	0,1	222÷223	S32	04	
22	SG200D2	0.8kV	INCOMING	QB1	MEASURE - REAL POWER	SW-AI	Ekip Hi-Touch	kW	0,1	206÷207	S32	04	
23	SG200D2	0.8kV	INCOMING	QB1	MEASURE - REACTIVE POWER	SW-AI	Ekip Hi-Touch	kVAR	0,1	214÷215	S32	04	
24	SG200D2	0.8kV	INCOMING	QB1	MEASURE - POWER FACTOR	SW-AI	Ekip Hi-Touch	COSfi	0,001	253	S16	04	
25	SG200D2	0.8kV	COMMON	A1	QB1 - DISCONNECTED OR OPEN	SW-DI	Module I/O			1	BIT		1=open
26	SG200D2	0.8kV	COMMON	A1	QB1 - CONNECTED AND CLOSED	SW-DI	Module I/O			2	BIT		1=closed
27	SG200D2	0.8kV	COMMON	A1	QB2 - DISCONNECTED OR OPEN	SW-DI	Module I/O			3	BIT		1=open
28	SG200D2	0.8kV	COMMON	A1	QB2 - CONNECTED AND CLOSED	SW-DI	Module I/O			4	BIT		1=closed
29	SG200D2	0.8kV	COMMON	A1	SA1 ON "LOCAL" POSITION	SW-DI	Module I/O			5	BIT		1=local
30	SG200D2	0.8kV	COMMON	A1	SA1 ON "REMOTE" POSITION	SW-DI	Module I/O			6	BIT		1=remote
31	SG200D2	0.8kV	COMMON	A1	MCBs ALARM	SW-DI	Module I/O			7	BIT		1=alarm
32	SG200D2	0.8kV	COMMON	A1	COMMON FAILURE	SW-DI	Module I/O			8	BIT		1=failure
33	SG200D2	0.8kV	COMMON	A1	SURGE ARRESTER FAULT	SW-DI	Module I/O			9	BIT		0=failure
34	SG200D2	0.8kV	COMMON	A1	SG-200N1 - MCBs FAILURE	SW-DI	Module I/O			10	BIT		1=failure
35	SG200D2	0.8kV	COMMON	A1	*available*	SW-DI	Module I/O			11	BIT		
36	SG200D2	0.8kV	COMMON	A1	*available*	SW-DI	Module I/O			12	BIT		
37	SG200D2	0.8kV	COMMON	A1	*available*	SW-DI	Module I/O			13	BIT		
38	SG200D2	0.8kV	COMMON	A1	*available*	SW-DI	Module I/O			14	BIT		
39	SG200D2	0.8kV	COMMON	A1	*available*	SW-DI	Module I/O			15	BIT		
40	SG200D2	0.8kV	COMMON	A1	*available*	SW-DI	Module I/O			16	BIT		