BASE LOAD POWER HUB (BLPH)

B-100

INTERCONNECTION WIRING DIAGRAM

B100-HSB-001

04	14/03/25	G.M.	A.O.	A.C.	ISSUE FOR INFORMATION (IFI)
03	13/11/24	G.M.	A.O.	A.C.	ISSUE FOR INFORMATION (IFI)
02	15/10/24	G.M.	A.O.	A.C.	ISSUE FOR INFORMATION (IFI)
01	04/09/24	G.M.	A.O.	A.C.	ISSUE FOR INFORMATION (IFI)
00	10/07/24	G.M.	A.O.	A.C.	ISSUE FOR INFORMATION (IFI)
REV.	DATE	DRN	CHKD	APPD	DESCRIPTION

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
INTERCONNECTION WIRING DIAGRAM
FRONT PAGE

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724000049-EL-DG-00022

SHEET 001

REV. 04

REV.	MOD.	DATE	SIGN		
04	ISSUE FOR INFORMATION (IFI)	19/12/24		DATE	01/07/24
03	ISSUE FOR INFORMATION (IFI)	13/11/24		DRN	F.M.
02	ISSUE FOR INFORMATION (IFI)	15/10/24		CHKD	S.S.
				APPD	M.G.

ALEXSISTEMI spa

CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-100
COVER

ROSETTI MARINO

1724000049-EL-DG-00022

FG. 1
F.S. 2

LISTA FOGLI \ INDEX

Foglio Sheet	Descrizione Description	Revisioni Revisions 1	2	3	4	5	6	7	8	9
1	COVER	X	X	X	X					
2	INDEX	X	X	X	X					
3	SIMBOL LIST	X	X	X	X					
4	INTERCONNECTION	X	X	X	X					
5	INTERCONNECTION	X	X	X	X					
6	INTERCONNECTION	X	X	X	X					
7	INTERCONNECTION	X	X	X	X					
8	INTERCONNECTION	X	X	X	X					

Foglio Sheet	Descrizione Description	Revisioni Revisions 1	2	3	4	5	6	7	8	9

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04	ISSUE FOR INFORMATION (IFI)	19/12/24	
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DATE	01/07/24
DRN	F.M.
CHKD	S.S.
APPD	M.G.

ALEXSISTEMI spa

CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-100

INDEX

ROSETTI MARINO

1724000049-EL-DG-00022

F.G. 2
F.S. 3

Symbol	Description	Symbol	Description	Symbol	Description
TR	VOLTAGE TRANSFORMER		SONIC INDICATOR	F.	FUSE
TA	CURRENT TRANSFORMER	*	INDICATOR INSTRUMENT		CONTACT N.O.
M ~	MOTOR IN C.A.		SELECTOR SWITCH		CONTACT N.C.
	GROUND : GENERAL SYMBOL	52.	SWITCH		COMMUTATION CONTACT
L..	SIGNAL LAMP	52.	AUTOMATIC CIRCUIT BREAKER	P	CONTACT ACTUATED BY A PRESSURE
L..	SIGNAL LAMP + HEATER	52. Id	DIFFERENTIAL AUTOMATIC BREAKER		CONTACT ACTUATED BY A FLOW
L..	SIGNAL LAMP + VOLTAGE TRANSF.	89.	DISCONNECTING SWITCH		CONTACT ACTUATED BY A LEVEL
E	SIGNAL LAMP–PUSH BUTTON	89.	LOADED CIRCUIT BREAKER		CONTACT ACTUATED BY A TEMPERATURE
E	CLOSING BUTTON	89.	FUSE DISCONNECTING SWITCH	2 3 4	TERMINAL STRIP
E	OPENING BUTTON	6. d	CONTACTOR		SQUARE POWER TERMINAL CLAMP
	ROTARY SWITCH	6..	CONTACTOR COIL		SQUARE AUX. TERMINAL CLAMP
T..	CONTACT DELAYED TO THE ATTRACTION N.O.		AUXILIARY RELAY COIL		REMOTE TERMINAL CLAMP
T..	CONTACT DELAYED TO THE ATTRACTION N.C.	T..	TIMER WITH DELAY TO THE ATTRACTION		ONE–PHASE SYSTEM + NEUTRAL
T..	CONTACT DELAYED TO THE RE–DROP N.O.	T..	TIMER WITH DELAY TO THE RE–DROP		THREE–PHASE SYSTEM
T..	CONTACT DELAYED TO THE RE–DROP N.C.	49..	THERMAL RELAY		THREE–PHASE SYSTEM + NEUTRAL
79.	LIMIT SWITCH N.O.		HEATING ELEMENT		
79.	LIMIT SWITCH N.C.		ELECTROVALVE		

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ALEXSISTEMI spa

CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-100

SIMBOL LIST

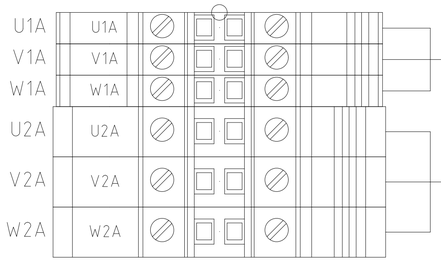
ROSETTI MARINO

1724000049-EL-DG-00022

F.G. 3
F.S. 4

B100-HSB-01
PANEL SIDE

+QG - XM1
POWER PRESS FAN 1

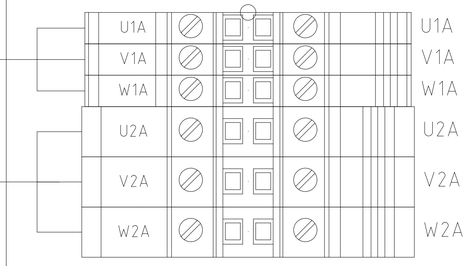


+QG - XPF1
AUX PRES FAN 1

77114-CEL-L1	4G2.5	XLPE/UNEL S2
77115-CEL-L1	4G6	XLPE/UNEL S2
77103-CEC-L1	2X1.5	XLPE/UNEL S2
77104-CEC-L1	2X1.5	XLPE/UNEL S2
77105-CEC-L1	2X1.5	XLPE/UNEL S2
77106-CEC-L1	2X1.5	XLPE/UNEL S2
77121-CEC-L1	2X1.5	XLPE/UNEL S2
77120-CEC-L1	2X1.5	XLPE7UNEL S2
77118-CEL-L2	3G1.5	XLPE/UNEL S2
77111-CEC-L2	4X1.5	XLPE/UNEL S2

HHU-77001 UNIT
HJB-77001-A

+QG - XM1
POWER PRESS FAN 1



HHU-77001 UNIT
HJB-77001-B

+QG - XPF1
AUX PRES FAN 1

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ALEXSISTEMI spa

CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-100

INTERCONNECTION

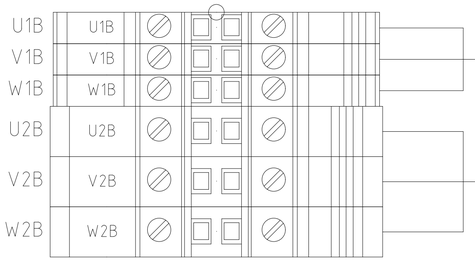
ROSETTI MARINO

1724000049-EL-DG-00022

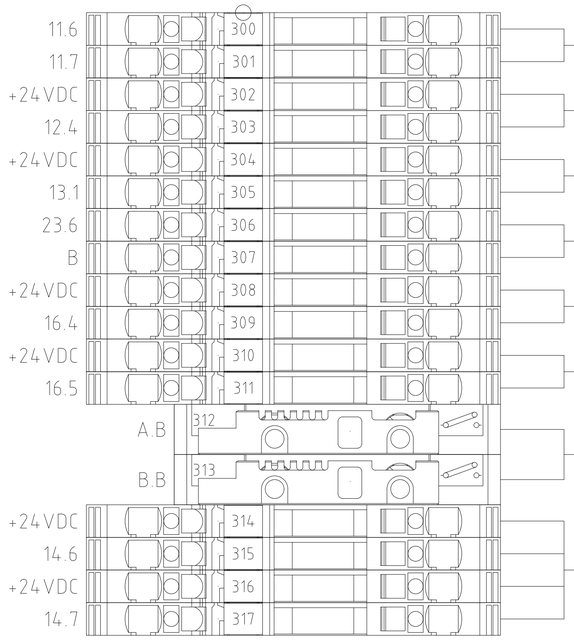
FG. 4
F.S. 5

B100-HSB-01
PANEL SIDE

+QG - XM2
POWER PRESS FAN 2



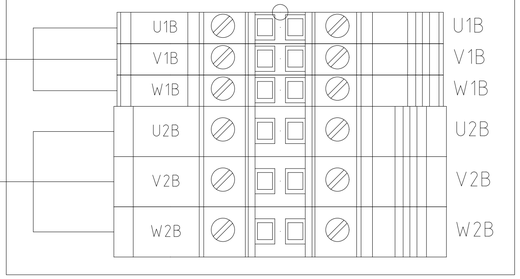
+QG - XPF2
AUX PRES FAN 2



77116-CEL-L1	4G2.5	XLPE/UNEL S2
77117-CEL-L1	4G6	XLPE/UNEL S2
77107-CEC-L1	2X1.5	XLPE/UNEL S2
77108-CEC-L1	2x1.5	XLPE7UNEL S2
77109-CEC-L1	2X1.5	XLPE7UNEL S2
77110-CEC-L1	2X1.5	XLPE/UNEL S2
77123-CEC-L1	2X1.5	XLPE/UNEL S2
77122-CEC-L1	2X1.5	XLPE/UNEL S2
77119-CEL-L2	3G1.5	XLPE/UNEL S2
77112-CEC-L2	4X1.5	XLPE/UNEL S2

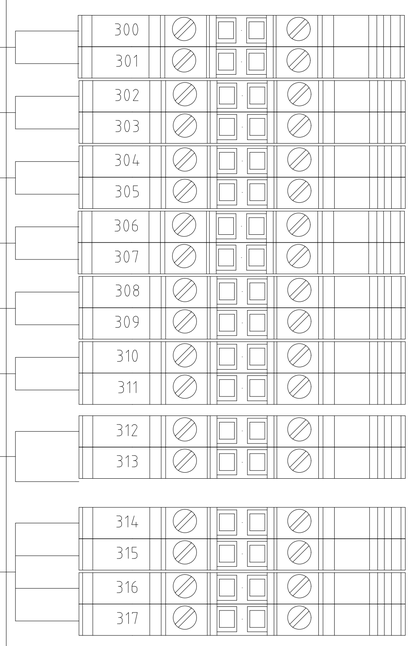
HHU-77002 UNIT
HJB-77002-A

+QG - XM2
POWER PRESS FAN 2



HHU-77002 UNIT
HJB-77002-B

+QG - XPF2
AUX PRES FAN 2



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ALEXSISTEMI spa

CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-100
INTERCONNECTION

ROSETTI MARINO

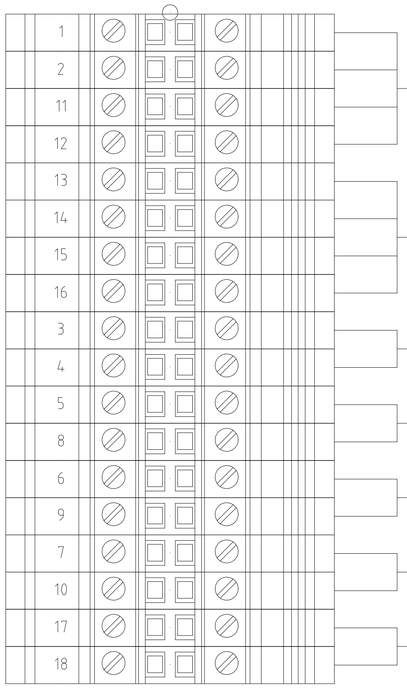
1724000049-EL-DG-00022

FG. 5
F.S. 6

B100-HSB-01
PANEL SIDE

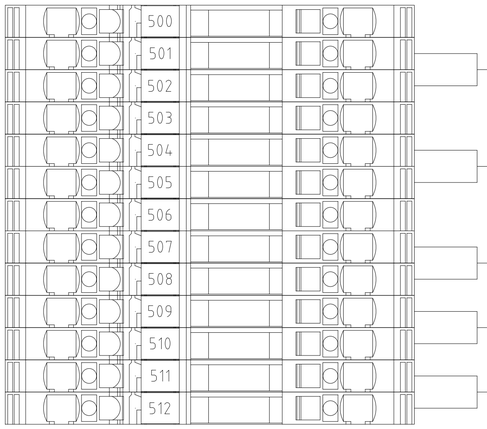
+QG - XAC

ACCESSORIES



77101-CEL-L1	5G2.5	XLPE/UNEL S2	PECW-B100H-F1-L1-01 (BROWN, BLACK, GREY, Y/G → L1, L2, N, GND)
77105-CEL-L1	5G2.5	XLPE/UNEL S2	PECW-B100H-F1-L1-02 (BROWN, BLACK, GREY, Y/G → L1, L2, N, GND)
77110-CEL-L2	3G2.5	XLPE/UNEL S2	PESO-B100H-F2-L2-01 (L1, N)
77111-CEL-L1	3G2.5	XLPE/UNEL S2	HHS-77-001 (L, N)
77112-CEL-L2	3G2.5	XLPE/UNEL S2	HHS-77-002 (L, N)
77113-CEL-L3	3G2.5	XLPE/UNEL S2	HHS-77-003 (L, N)
HEATING CABLE	2X1.5	XLPE/UNEL S2	HJB-7700XXX (22, 23)

+QG - XT



77123-CEC-L2	3X1.5+Sh	XLPE/UNEL S2	77-TT-101 (+Vdc, Out mA → 1, 2)
77124-CEC-L2	3X1.5+Sh	XLPE/UNEL S2	77-TT-102 (+Vdc, Out mA → 1, 2)
77125-CEC-L2	3X1.5+Sh	XLPE/UNEL S2	77-TP-101 (BROWN, BLACK → 1, 2)
77126-CEC-L2	3X1.5+Sh	XLPE/UNEL S2	77-TT-103 (+Vdc, Out mA → 1, 2)
77127-CEC-L2	3X1.5+Sh	XLPE/UNEL S2	77-TT-104 (+Vdc, Out mA → 1, 2)

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ALEXSISTEMI spa

CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-100

INTERCONNECTION

ROSETTI MARINO

1724000049-EL-DG-00022

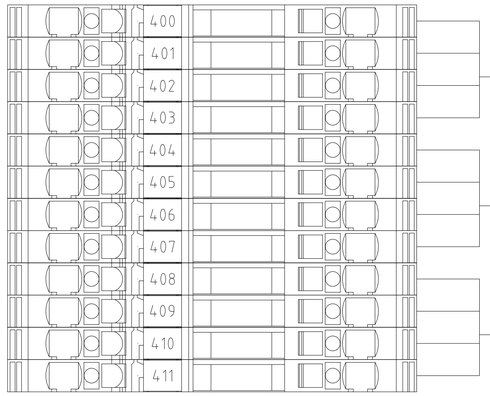
FG. 6

F.S. 7

B100-HSB-01
PANEL SIDE

+QG - XFD

FIRE DAMPER



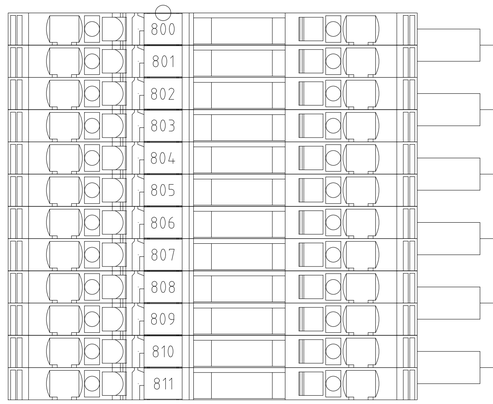
77113-CEC-L2 4X1.5 XLPE/UNEL S2 → + / – / PE → HFD-77001

77114-CEC-L2 4X1.5 XLPE/UNEL S2 → + / – / PE → HFD-77002

77115-CEC-L2 4X1.5 XLPE/UNEL S2 → + / – / PE → HFD-77003

+QG - XFD/S

FIRE DAMPER SIGNAL



4 / 5 → HFD-77001 CLOSED SIGNAL

7 / 8 → HFD-77001 OPEN SIGNAL

4 / 5 → HFD-77002 CLOSED SIGNAL

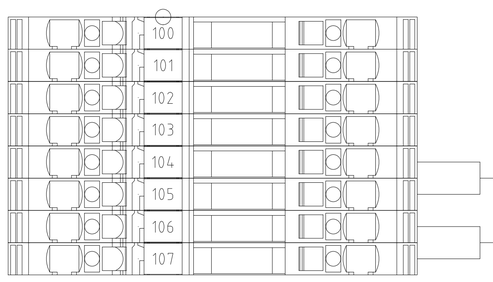
7 / 8 → HFD-77002 OPEN SIGNAL

4 / 5 → HFD-77003 CLOSED SIGNAL

7 / 8 → HFD-77003 OPEN SIGNAL

+QG - XC

Client



77101-CEC-L1 2X1.5 XLPE/UNEL S2 → BROWN / BLUE → 1 / 2 → CELS-B100H-F1-L1-01

77102-CEC-L1 2X1.5 XLPE/UNEL S2 → BROWN / BLUE → 1 / 2 → CELS-B100H-F1-L1-02

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ALEXSISTEMI spa

CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-100

INTERCONNECTION

ROSETTI MARINO

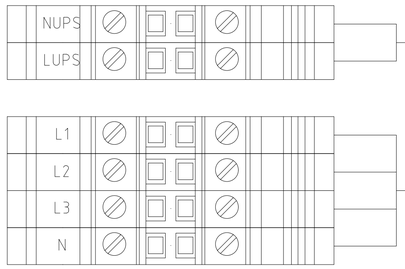
1724000049-EL-DG-00022

FG. 7
F.S. 8

B100-HSB-01
PANEL SIDE

+QG - XPS

POWER SUPPLY



UPS POWER SUPPLY 3G2.5 FROM CLIENT

POWER SUPPLY 5G16 FROM CLIENT

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ALEXSISTEMI spa

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BASE LOAD POWER HUB (BLPH)
B-100

INTERCONNECTION

ROSETTI MARINO

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FG. 8
F.S. //