BASE LOAD POWER HUB (BLPH)

B-300 HVAC and LIGHTING PANEL WIRING DRAWING and GENERAL ARRANGEMENT (INCL INTERCONNECTING) - E&I SHELTERS

B300-HSB-001

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	24/01/25				ACCEPT FOR CONSTRUCTION (AFC)
04	10/12/24				ACCEPT FOR CONSTRUCTION (AFC)
03	04/09/24				ISSUE FOR REVIEW (IFR)
02	03/07/24				ISSUE FOR REVIEW (IFR)
01	28/06/24				ISSUE FOR REVIEW (IFR)
00	22/04/24				ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

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

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

SCALE : NTS

A3

DRAWING NO. 1724000049-HV-DA-00028

SHEET 001

REV. 05

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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frigotermica@frigotermica.com

CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
COVER

ROSETTI MARINO

1724000049-HV-DA-00028

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	X				
2	INDEX	X	X	X	X	X				
2A	INDEX	X	X	X	X	X				
3	SIMBOL LIST	X	X	X	X	X				
4	EXTERNAL VIEW	X	X	X	X	X				
5	INTERNAL VIEW	X	X	X	X	X				
6	POWER SECTION	X	X	X	X	X				
7	POWER SECTION	X	X	X	X	X				
8	POWER SECTION	X	X	X	X	X				
9	POWER SECTION A	X	X	X	X	X				
10	POWER SECTION A	X	X	X	X	X				
11	POWER SECTION A	X	X	X	X	X				
12	AUX SECTION A	X	X	X	X	X				
13	AUX SECTION A	X	X	X	X	X				
14	AUX SECTION A	X	X	X	X	X				
15	AUX SECTION A	X	X	X	X	X				
16	AUX SECTION A	X	X	X	X	X				
17	POWER SECTION B	X	X	X	X	X				
18	POWER SECTION B	X	X	X	X	X				
19	POWER SECTION B	X	X	X	X	X				
20	AUX SECTION B	X	X	X	X	X				
21	AUX SECTION B	X	X	X	X	X				
22	AUX SECTION B	X	X	X	X	X				
23	AUX SECTION B	X	X	X	X	X				
24	AUX SECTION B	X	X	X	X	X				
25	UPS POWER SUPPLY	X	X	X	X	X				
26	PLC SECTION	X	X	X	X	X				
26A	PLC SECTION	X	X	X	X	X				

Foglio Sheet	Descrizione Description	Revisioni Revisions								
		1	2	3	4	5	6	7	8	9
27	PLC SECTION	X	X	X	X	X				
28	PLC SECTION	X	X	X	X	X				
29	PLC SECTION	X	X	X	X	X				
30	PLC SECTION	X	X	X	X	X				
31	PLC SECTION	X	X	X	X	X				
32	PLC SECTION	X	X	X	X	X				
33	PLC SECTION	X	X	X	X	X				
34	PLC SECTION	X	X	X	X	X				
35	PLC SECTION	X	X	X	X	X				
36	PLC SECTION	X	X	X	X	X				
37	PLC SECTION	X	X	X	X	X				
38	PLC SECTION	X	X	X	X	X				
39	PLC SECTION	X	X	X	X	X				
40	PLC SECTION	X	X	X	X	X				
41	PLC ARCHITECTURE	X	X	X	X	X				
42	EH MODULATION A	X	X	X	X	X				
43	EH MODULATION B	X	X	X	X	X				
44	AVAILABLE SIGNAL	X	X	X	X	X				
45	TERMINAL STRIP	X	X	X	X	X				
46	TERMINAL STRIP	X	X	X	X	X				
47	TERMINAL STRIP	X	X	X	X	X				
48	TERMINAL STRIP	X	X	X	X	X				
49	TERMINAL STRIP	X	X	X	X	X				
50	MATERIAL LIST	X	X	X	X	X				
51	MATERIAL LIST	X	X	X	X	X				
52	MATERIAL LIST	X	X	X	X	X				
53	MATERIAL LIST	X	X	X	X	X				
54	MATERIAL LIST	X	X	X	X	X				

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
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CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

INDEX

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 2
F.S. 2A

LISTA FOGLI \ INDEX

Foglio Sheet	Descrizione Description	Revisioni Revisions 1	2	3	4	5	6	7	8	9
55	MATERIAL LIST	X	X	X	X	X				
56	MATERIAL LIST	X	X	X	X	X				
57	MATERIAL LIST	X	X	X	X	X				
58	MATERIAL LIST	X	X	X	X	X				
59	MATERIAL LIST	X	X	X	X	X				
60	MATERIAL LIST	X	X	X	X	X				
61	MATERIAL LIST	X	X	X	X	X				

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

REV.	MODIFICA	DATA	FIRMA		
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

INDEX

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 2A
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
	SIGNAL LAMP–PUSH BUTTON	89.	LOADED CIRCUIT BREAKER	θ	CONTACT ACTUATED BY A TEMPERATURE
	CLOSING BUTTON	89.	FUSE DISCONNECTING SWITCH	2 3 4	TERMINAL STRIP
	OPENING BUTTON	6.	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		

REV.	MODIFICA	DATA	FIRMA		
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BASE LOAD POWER HUB (BLPH)
B–300AC UPS EQUIPMENT ROOM

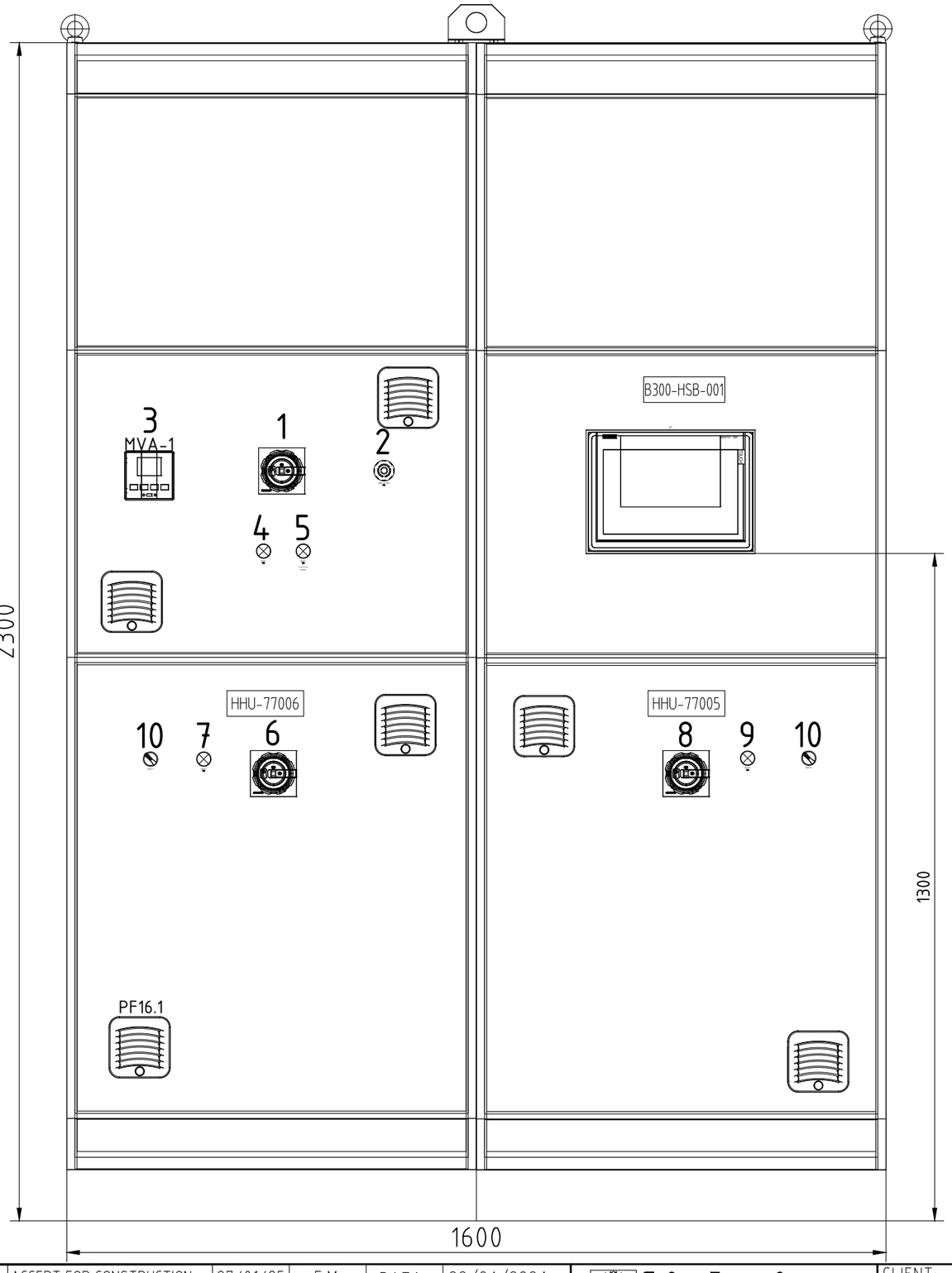
SIMBOL LIST

ROSETTI MARINO

1724000049–HV–DA–00028

FG. 3
F.S. 4

EXTERNAL VIEW



LABEL	
1	MAIN SWITCH
2	ERGENCY POWER BUTTON
3	MULTIMETER
4	230V AC PRESENCE
5	24V DC PRESENCE
6	HHU-77006 MAIN SWITCH
7	230VAC PRESENCE
8	HHU-77005 MAIN SWITCH
9	230VAC PRESENCE
10	AUTO-0-MANUAL

CABINET QUOTE:
LENGHT 1600mm
HEIGHT 2300mm
DEPT 600mm

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SERIAL n.: *Matricola n.:*	1628
TAG: *Codice identificativo:*	B300-HSB-001
POWER SUPPLY: *Alimenatzione:*	400 Vac 50Hz 3Ph+N
Icc: *Coorente cortocircuito:*	25 kA/1s
AUX. TENSION: *Tensione ausiliaria:*	24 Vdc
INTERNAL PROTECTION: *Protezione interna:*	IP54
MAIN BUS BAR RATING: *Barra principale:*	32 A
YEAR OF MANUFACTURE: *Anno produzione:*	2024
MANUFACTURER: *Costruzione:*	FRIGOTERMICA s.r.l.
CONTRACT n.: *Contratto:*	51/240554
PROJECT: *Progetto:*	BASE LOAD POWER HUB
WEIGHT: *Peso:*	1150 Kg

CE

FRIGOTERMICA JOB NUMBER: 4112

SCALE 1:10

REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
EXTERNAL VIEW

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 4
F.S. 5

INTERNAL VIEW

CABLE ENTRY FROM TOP
WITH CABLE GLANDS

PLATE 700 x 470

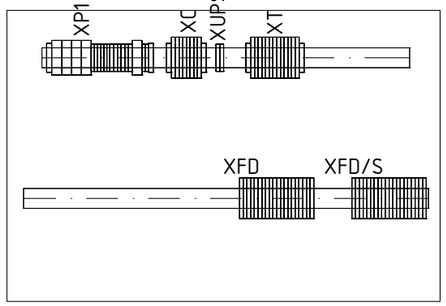


PLATE 700 x 470_2

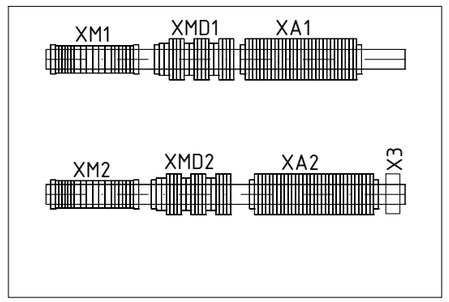


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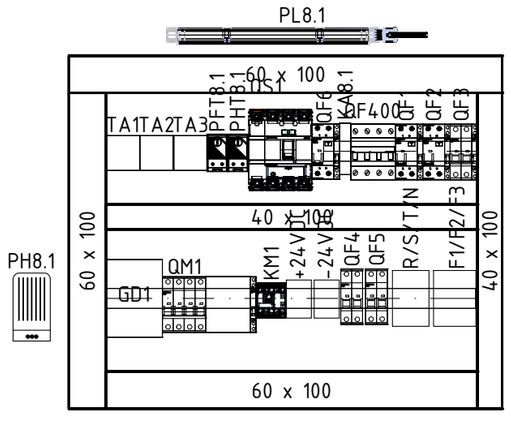


PLATE 700 x 570_2

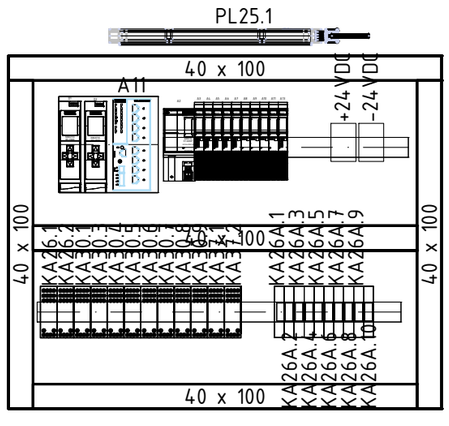


PLATE 700 x 870_2

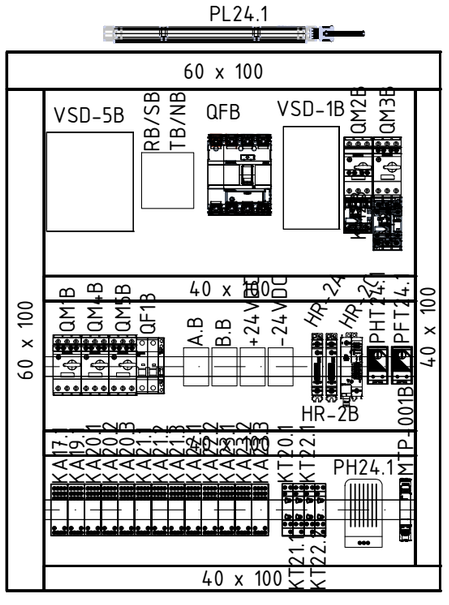
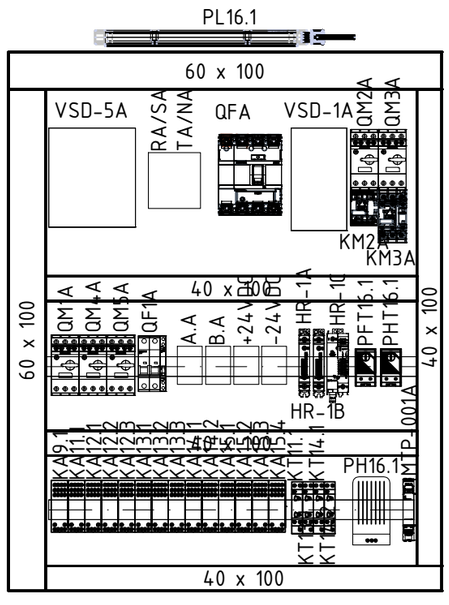


PLATE 700 x 870



SCALE 1:10

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
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CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

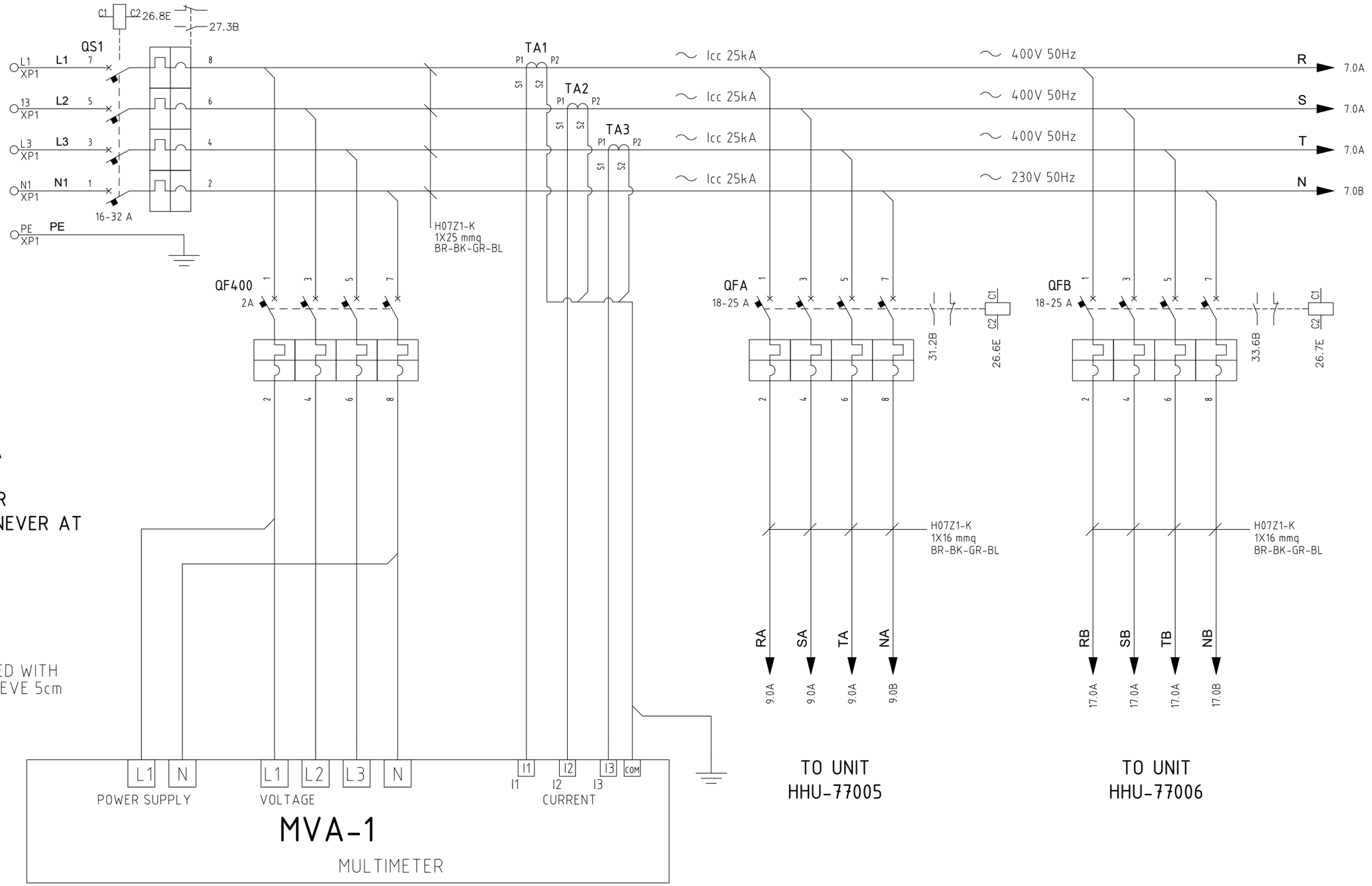
INTERNAL VIEW

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 5
F.S. 6

CLIENT POWER SUPPLY
FROM LV SWITCHGEAR
3 PH + N + PE
400V 50Hz
5G25
TAG SG-200N1



RATED POWER: 15.13 kW
RATED CURRENT: 24.75 A

ONLY UNIT HHU-77005 OR
HHU-77006 ACTIVATED, NEVER AT
SAME TIME

COLOR IDENTIFICATION:
COLORED CABLE OR IDENTIFIED WITH
HEAT SHRINK COLOURED SLEEVE 5cm

400V 3P + N
- ⟶ BROWN
- ⟶ BLACK
- ⟶ GRAY
- ⟶ BLU

230V 1P + N
- ⟶ BROWN
- ⟶ BLU

24Vdc
- ⟶ RED
- ⟶ BLACK

TO UNIT
HHU-77005

TO UNIT
HHU-77006

PANEL INTERNAL CABLES TYPE: H07Z1-K OR FG17
UNIT INTERNAL CABLES TYPE: FG16OM16 GREEN SHEATH NOT ARMOURED

REV.	MODIFICA	DATA	FIRMA
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.
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DATA	22/04/2024
DISEGN.	F.M.
VISTO	S.S.
APPR.	M.G.

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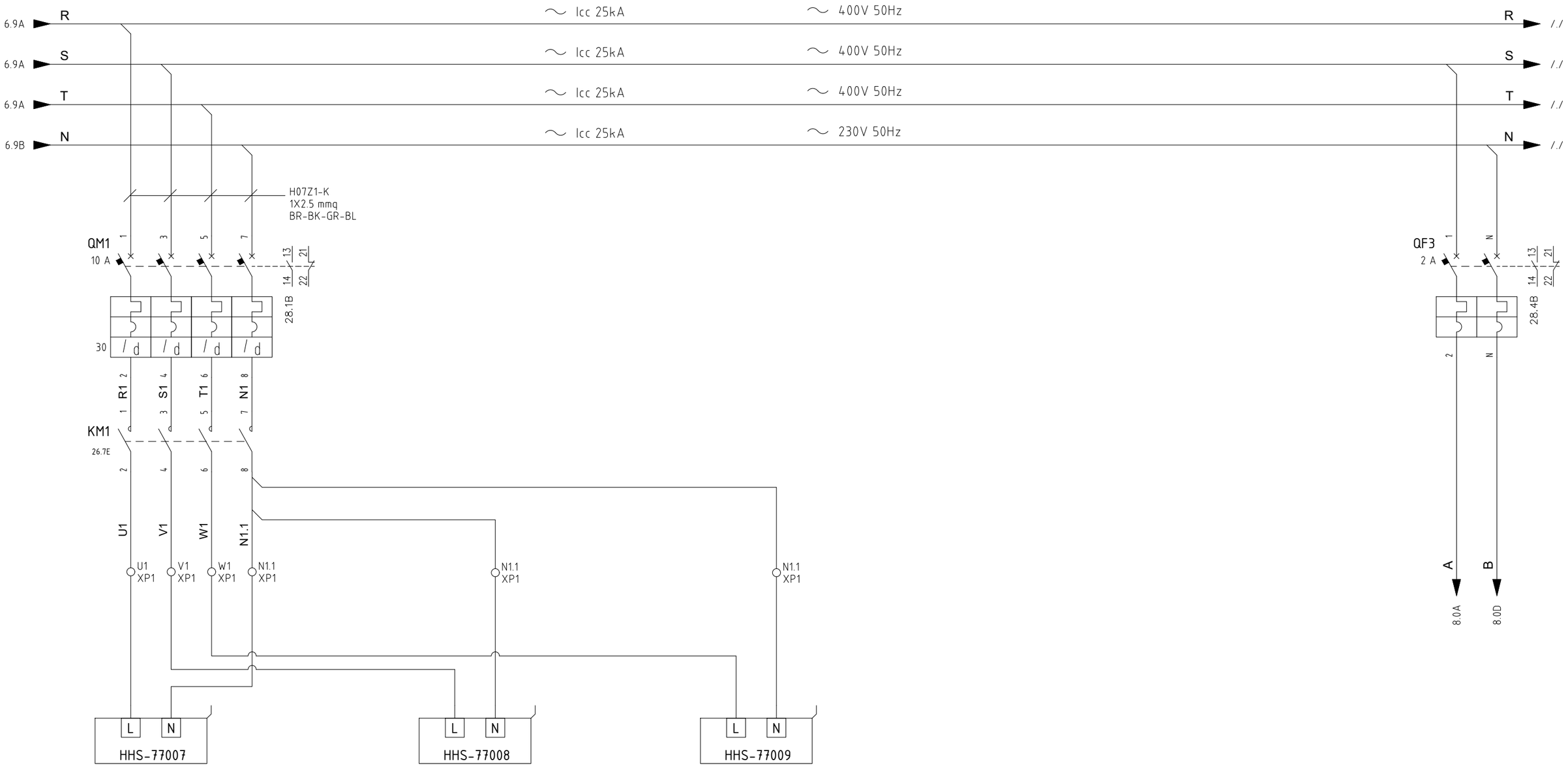
CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
POWER SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 6
F.S. 7



HHS-77-007	
ELECTRICAL HEATER	
RATED	ABSORBED
2 kW	2 kW
8.7 A	8.7 A

HSS-77-008	
ELECTRICAL HEATER	
RATED	ABSORBED
2 kW	2 kW
8.7 A	8.7 A

HSS-77-009	
ELECTRICAL HEATER	
RATED	ABSORBED
2.7 kW	2 kW
8.7 A	8.7 A

REV.	MODIFICA	DATA	FIRMA
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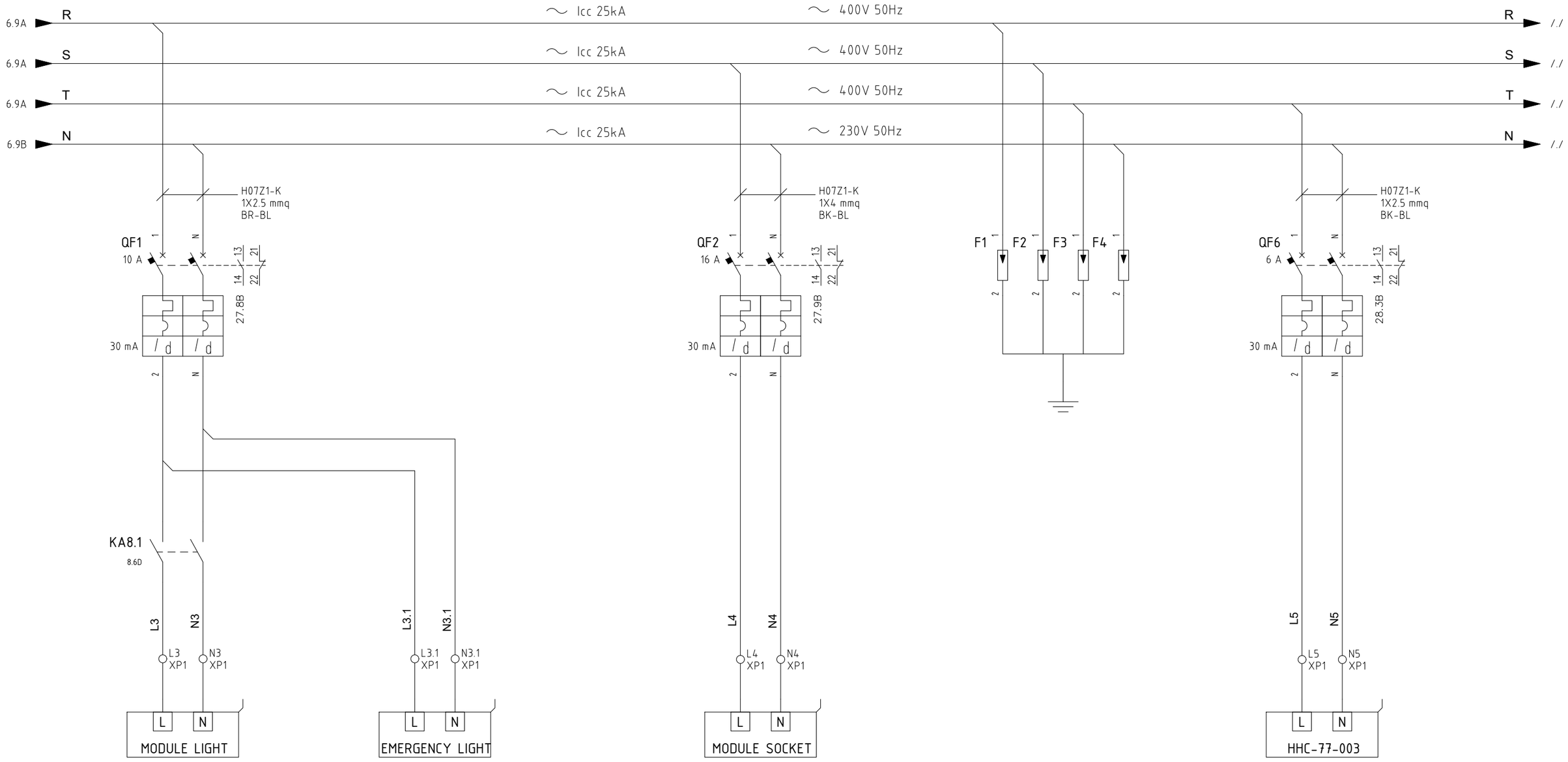
BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

POWER SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 7
F.S. 7A



MODULE INTERNAL LIGHT	
RATED	ABSORBED
1 kW	0.9 kW
4.35 A	3.9 A

MODULE INTERNAL SOCKET	
RATED	ABSORBED
3.5 kW	3.5 kW
16 A	16 A

HHC-77-003	
HEATING CABLE	
RATED	ABSORBED
0.25 kW	0.25 kW
1.2 A	1.2 A

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

POWER SECTION
Power section

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 7A
F.S. 8

PANEL INTERNAL LIGHT POWER SECTION

PANEL ANTI CONDENSING HEATER POWER SECTION

PANEL FAN VENTILATION POWER SECTION

230V VOLTAGE PRESENCE LIGHT POWER SECTION

MODULE LIGHT

7.7D A

A ./.

PLS8.1 13 14 8.1

PL8.1 X1 X2

PHT8.1 13 14 8.2

PH8.1

PFT8.1 13 14 8.3

PF8.1

M 1 ~ A1

HL8.1 X1 X2 WH

KA26.2 11 14 12 8.4

26.5E

KA8.1 A1 A2

7.8D B

B ./.

7A.1D
7A.1D

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

POWER SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 8
F.S. 9

HHU-77005
SECTION

RATED POWER: 11 kW
RATED CURRENT: 18.81 A

ABSORBED POWER: 7.6 kW
ABSORBED CURRENT: 14.4 A

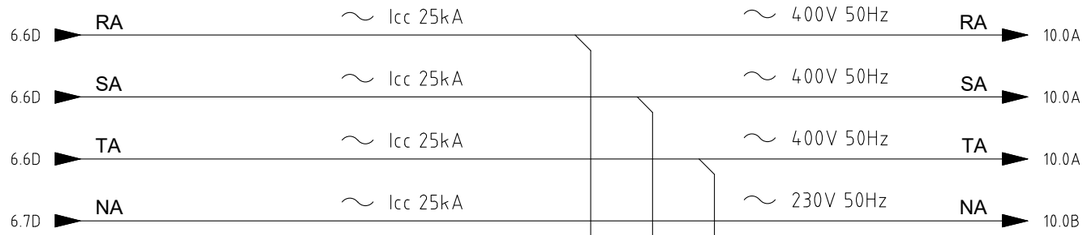
COLOR IDENTIFICATION:
COLORED CABLE OR IDENTIFIED WITH
HEAT SHRINK COLOURED SLEEVE 5cm

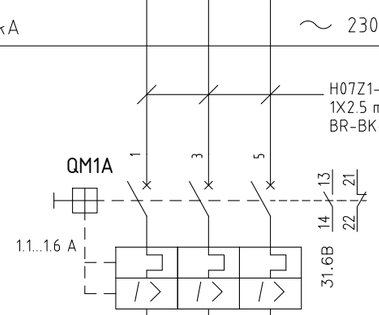
400V 3P + N
- ⟶ BROWN
- ⟶ BLACK
- ⟶ GRAY
- ⟶ BLU

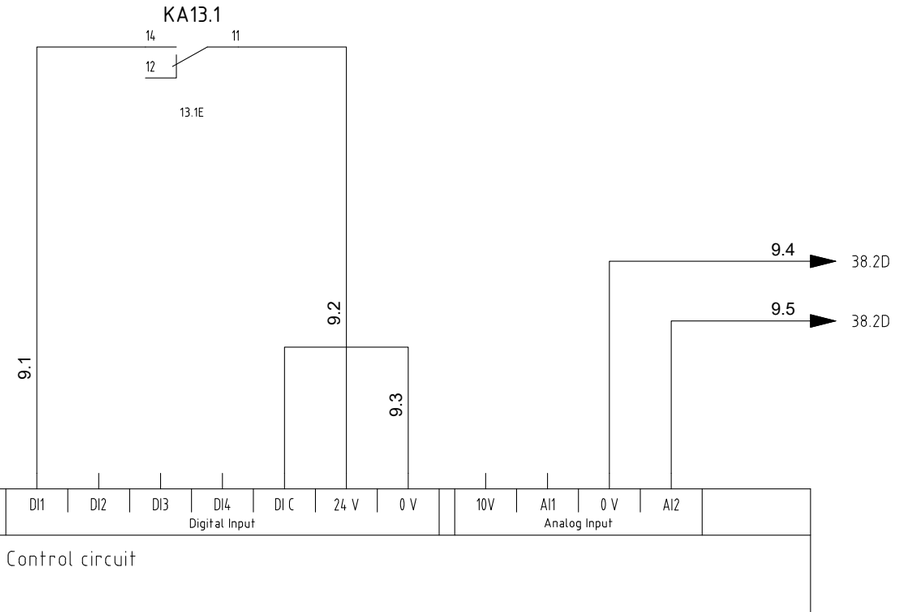
230V 1P + N
- ⟶ BROWN
- ⟶ BLU

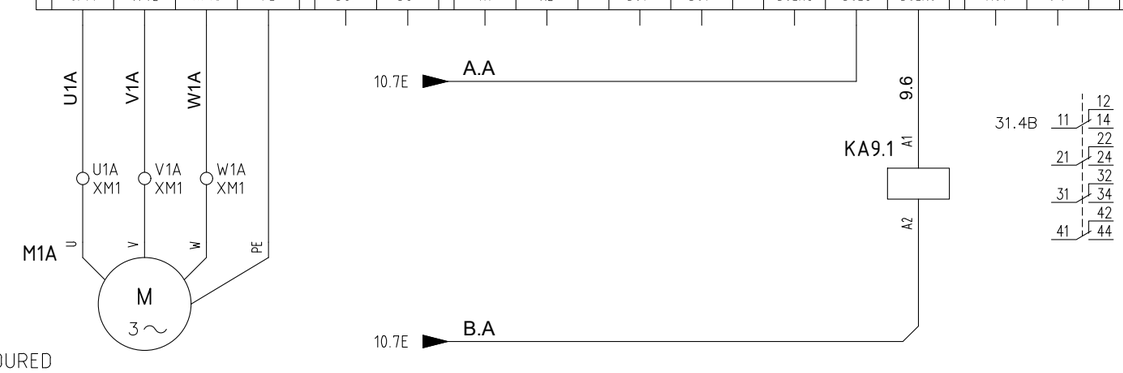
24Vdc
- ⟶ RED
- ⟶ BLACK

PANEL INTERNAL CABLES TYPE: H07Z1-K OR FG17
UNIT INTERNAL CABLES TYPE: FG160M16 GREEN SHEATH NOT ARMOURED









HFM-77-301	
PRESSURIZING FAN	
RATED	ABSORBED
0.75 kW	0.7 kW
1.59 A	0.6 A

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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frigotermica@frigotermica.com

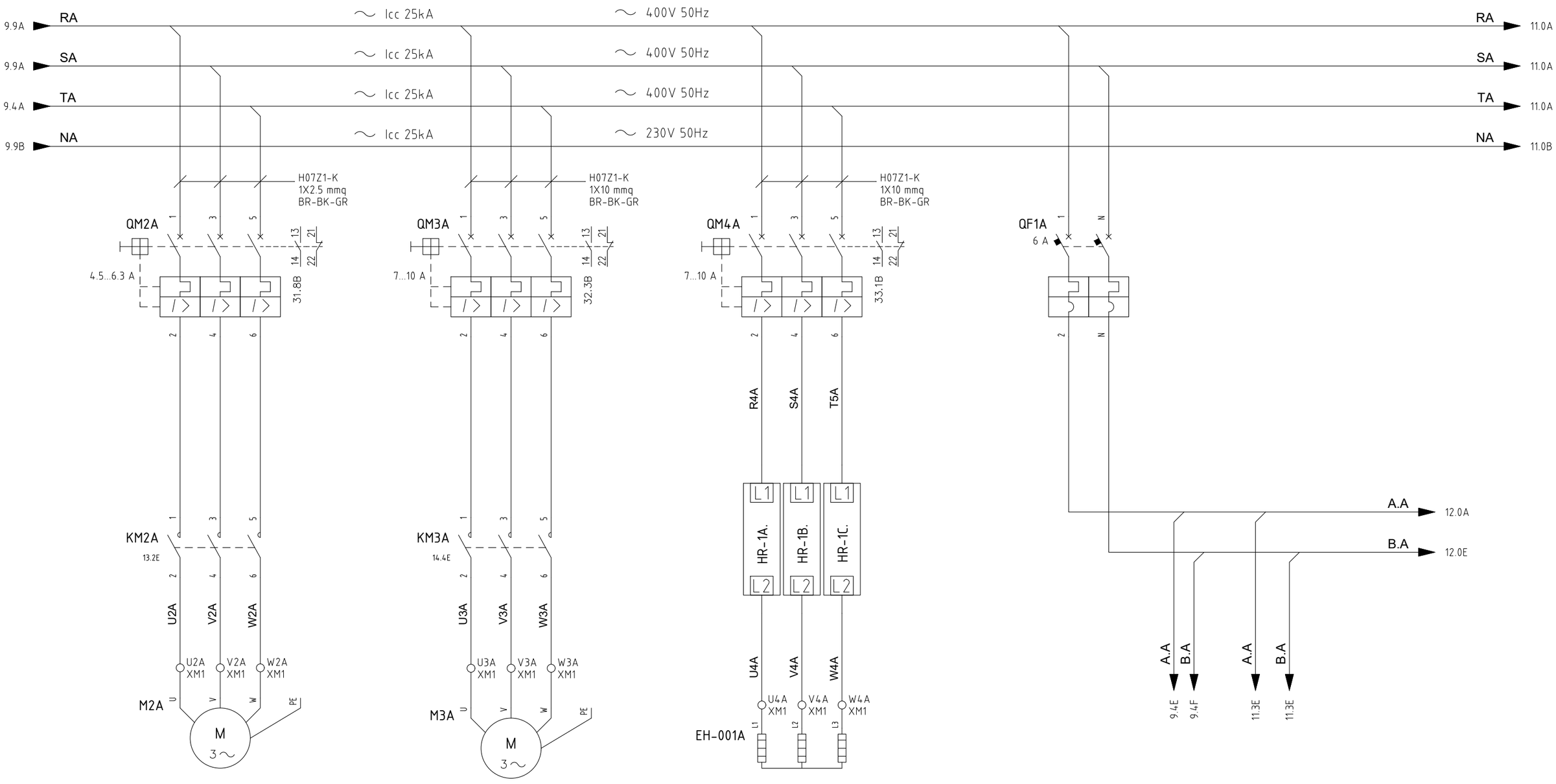
CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
POWER SECTION A

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 9
F.S. 10



HFM-77-302	
SUPPLY FAN	
RATED	ABSORBED
3 kW	2.48 kW
6.35 A	4.21 A

HCO-77-301	
COMPRESSOR 1 A	
RATED	ABSORBED
5.8 kW	3.80 kW
9.86 A	7.3 A

HSS-77-301	
ELECTRICAL HEATER	
RATED	ABSORBED
6.00 kW	6.00 kW
8.67 A	8.67 A

REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
				APPR.	M.G.

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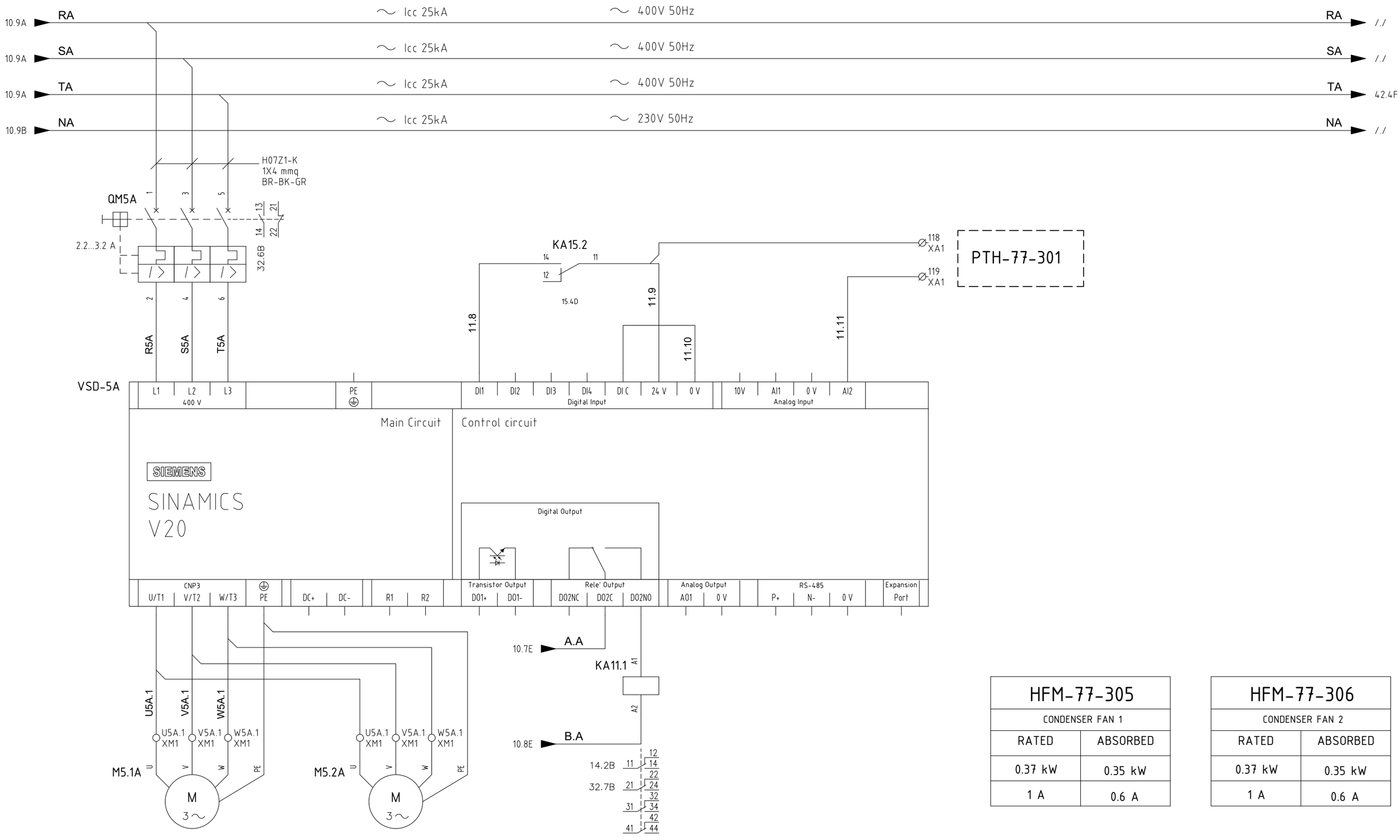
CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
POWER SECTION A

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 10
F.S. 11



HFM-77-305	
CONDENSER FAN 1	
RATED	ABSORBED
0.37 kW	0.35 kW
1 A	0.6 A

HFM-77-306	
CONDENSER FAN 2	
RATED	ABSORBED
0.37 kW	0.35 kW
1 A	0.6 A

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
POWER SECTION A

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 11
F.S. 12

START / STOP HHU-77005		MOTORISED DAMPER POWER SUPPLY		MOTORISED DAMPER OPEN SIGNAL HHU-77005	MOTORISED DAMPER CLOSED SIGNA HHU-77005		MOTORISED DAMPER NOT OPEN ALARM SIGNAL HHU-77005	
0	1	2	3	4	5	6	7	8	9

10.8D A.A

A.A 13.0A

KA30.3
30.5D

KA12.3
12.7E

12.2

KA12.1
12.5E

KT11.1
120"

12.3

HDZ-77-301
HDZ-77-302
HDZ-77303
M
1 ~

HDZ-77-301
HDZ-77-301
HDZ-77-302
HDZ-77-302
HDZ-77-303
HDZ-77-303

12.4
12.5
12.6
12.7
12.8
12.9

KA12.1
KA12.2

KT11.1
Delay/Ritardo
12.1E

12.10
12.11

KA12.3
12.7E

KA37.1
37.2D

KA12.3

10.8D B.A

B.A 13.0E

On–D 12.7B

12.1C
13.1B
13.2B
31.2B

31.2B

12.1C
12.8B
28.5B

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
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CLIENT:
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
AUX SECTION A

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 12
F.S. 13

0	1	2	3	4	5	6	7	8	9

PRESSURIZING FAN START / STOP
HH-77005

SUPPLY AIR FAN START/STOP
HH-77005

SUPPLY AIR FAN BROKEN BELT ALARM
HHU-77005

SUPPLY AIR FAN MOTOR HEATER
HHU-77005

PRESSURIZIN FAN OVERLOAD PROTECTION
HHU-77005

12.9A A.A

A.A 14.0A

KA12.1 21 24 22 12.5E

13.1

KA13.3 11 14 12 13.8E

13.2

KA13.1 A1 A2

KA12.1 31 34 32 12.5E

13.3

KM2A A1 A2

KA37.1 21 24 22 37.2D

PDSL-77-301 p> 100 XA1 101 XA1

13.4

KT13.1 A1 A2

13.5

KA13.2 11 14 12 13.4E

KA13.2 A1 A2

Delay/Ritardo

KT13.1 13.3E

KM2A 21 22 13.2E

13.6

HSS-77-303 106 XA1 107 XA1

MTP-001A A1/11 SIEMENS

TRIPPED

NC NO

T1 T2 A2 12 14

13.7 13.8

102 XA1 103 XA1

TE-77-301

13.9

KA13.3 A1 A2

12.9E B.A

B.A 14.0E

9.5B 11 14 12 21 24 22 31 34 32 41 44

10.1D 2 1

10.1D 4 3

10.1D 6 5

14.1B 14 13

31.7B 44 43

13.5B 22 21 32 31

13.4B On-D

13.4C 11 14 12 21 24 22 29.4B 31 34 32 41 44

13.1C 11 14 12 21 24 22 29.1B 31 34 32 41 44

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

AUX SECTION A

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 13
F.S. 14

0	1	2	3	4	5	6	7	8	9

PRESSURIZING FAN NìMOTOR HEATER
HHU-77005

COMPRESSOR START/STOP
HHU-77005

LOW PRESSURE ALARM
HHU-77005

HIGH PRESSURE ALARM
HHU-77005

COMPRESSOR OIL HEATER
HHU-77005

13.9A A.A

A.A 15.0A

KA30.4
30.6D

KA30.5
35.6D
PLC START

KM2A
13.2E

KA14.1
14.5E

KA14.2
14.7E

KA11.1
11.4E

KT14.1
14.2E
Delay/Ritardo

PSL-77-301
p<

PSH-77-301
p>

KA14.1
14.5E

KT14.2
14.4E
Delay/Ritardo

KA37.1
37.2D

KA14.2
14.7E

KA37.1
37.2D

KM3A
14.4E

14.1 14.2 14.3 14.4 14.5 14.6 14.7 14.8 14.9 14.10 14.11 14.12 14.13

108 XA1
HSS-77-302
109 XA1

KT14.1 A1 120" A2

KM3A A1 A2

KT14.2 A1 10" A2

KA14.1 A1 A2

KA14.2 A1 A2

124 XA1
125 XA1
126 XA1
127 XA1

110 XA1
HSS-77-304
111 XA1

13.9E B.A

B.A 15.0E

On–D 14.4B

On–D 14.5C

10.3D 2 1
10.3D 4 3
10.3D 6 5
15.1B 14 13
32.2B 44 43
14.8B 22 21
32 31

14.2C 11 12 14
14.6B 21 22 24
32.5B 31 32 34
41 42 44

14.2D 11 12 14
14.8B 21 22 24
32.4B 31 32 34
41 42 44

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
AUX SECTION A

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 14
F.S. 15

SOLENOID VALVE HHU-77005	FILTER CLOGGED HHU-77005	CONDENSING PRESSURE SWITCH HHU-77005	ELECTRICAL HEATER SECURITY THERMOSTATE HHU-77005	PRESSURIZING FAN LOW PRESSURE SWITCH PDSL-77-302 HHU-77005

14.9A A.A → A.A 16.0A

KM3A
14.4E
13
14
15.1

PDSH-77-301
p>
114 XA1
13
14
115 XA1
15.2

PC-77-301
p>
116 XA1
13
14
117 XA1
15.3

TSH-77-301
t>
120 XA1
11
12
121 XA1
15.4

TSHH-77-301
t>
122 XA1
11
12
123 XA1
15.5

PDSL-77-302
p>
128 XA1
11
12
129 XA1
15.6

HSV-77-301
A1
A2
112 XA1
113 XA1

KA15.1 A1 A2
KA15.2 A1 A2
KA15.3 A1 A2
KA15.4 A1 A2

14.9E B.A → B.A 16.0E

32.8B 11 12 14 21 22 24 31 32 34 41 42 44
11.3B 11 12 14 21 22 24 31 32 34 41 42 44
32.8B 11 12 14 21 22 24 31 32 34 41 42 44
27.2B 11 12 14 21 22 24 31 32 34 41 42 44

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
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B-300AC UPS EQUIPMENT ROOM
AUX SECTION A

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 15
F.S. 16

PANEL INTERNAL LIGHT	PANEL FAN	PANEL HEATER	230V AUX VOLTAGE PRESENCE
HHU-77005	HHU-77005	HHU-77005	HHU-77005

15.9A A.A

A.A /./

PLS16.1 11 12 16.1

PFT16.1 13 14 16.2 t>

PHT16.1 13 14 16.3 t<

PL16.1 X1 X2

PF16.1 M 1~ A1

PH16.1

HL16.1 X1 X2 WH

15.9E B.A

B.A /./

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

AUX SECTION A

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 16
F.S. 17

HHU-77006
SECTION

RATED POWER: 11 kW
RATED CURRENT: 18.81 A

ABSORBED POWER: 7.6 kW
ABSORBED CURRENT: 14 A

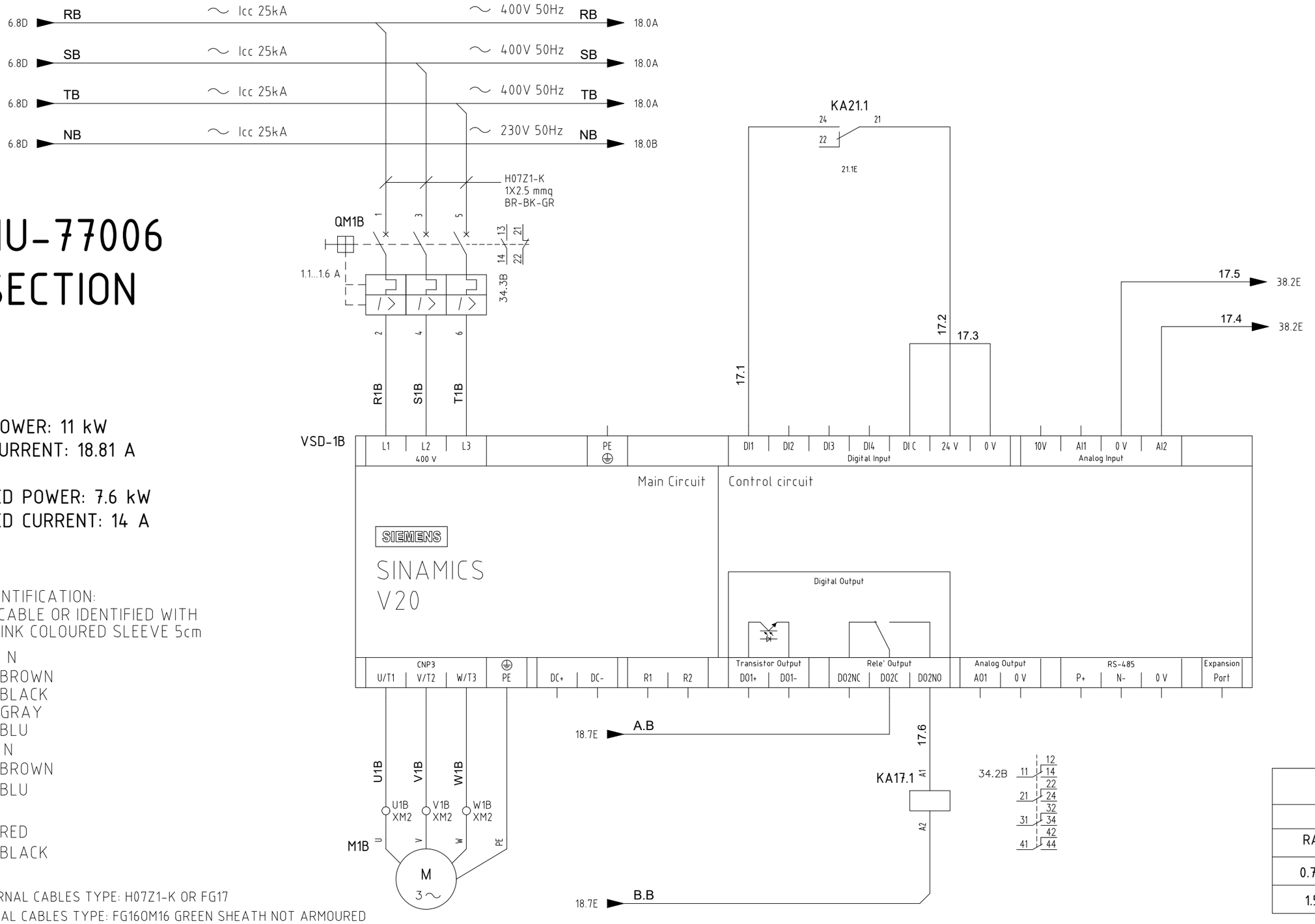
COLOR IDENTIFICATION:
COLORED CABLE OR IDENTIFIED WITH
HEAT SHRINK COLOURED SLEEVE 5cm

400V 3P + N
- ⟶ BROWN
- ⟶ BLACK
- ⟶ GRAY
- ⟶ BLU

230V 1P + N
- ⟶ BROWN
- ⟶ BLU

24Vdc
- ⟶ RED
- ⟶ BLACK

PANEL INTERNAL CABLES TYPE: H07Z1-K OR FG17
UNIT INTERNAL CABLES TYPE: FG160M16 GREEN SHEATH NOT ARMOURED



HFM-77-303	
PRESSURIZING FAN	
RATED	ABSORBED
0.75 kW	0.7 kW
1.59 A	0.6 A

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
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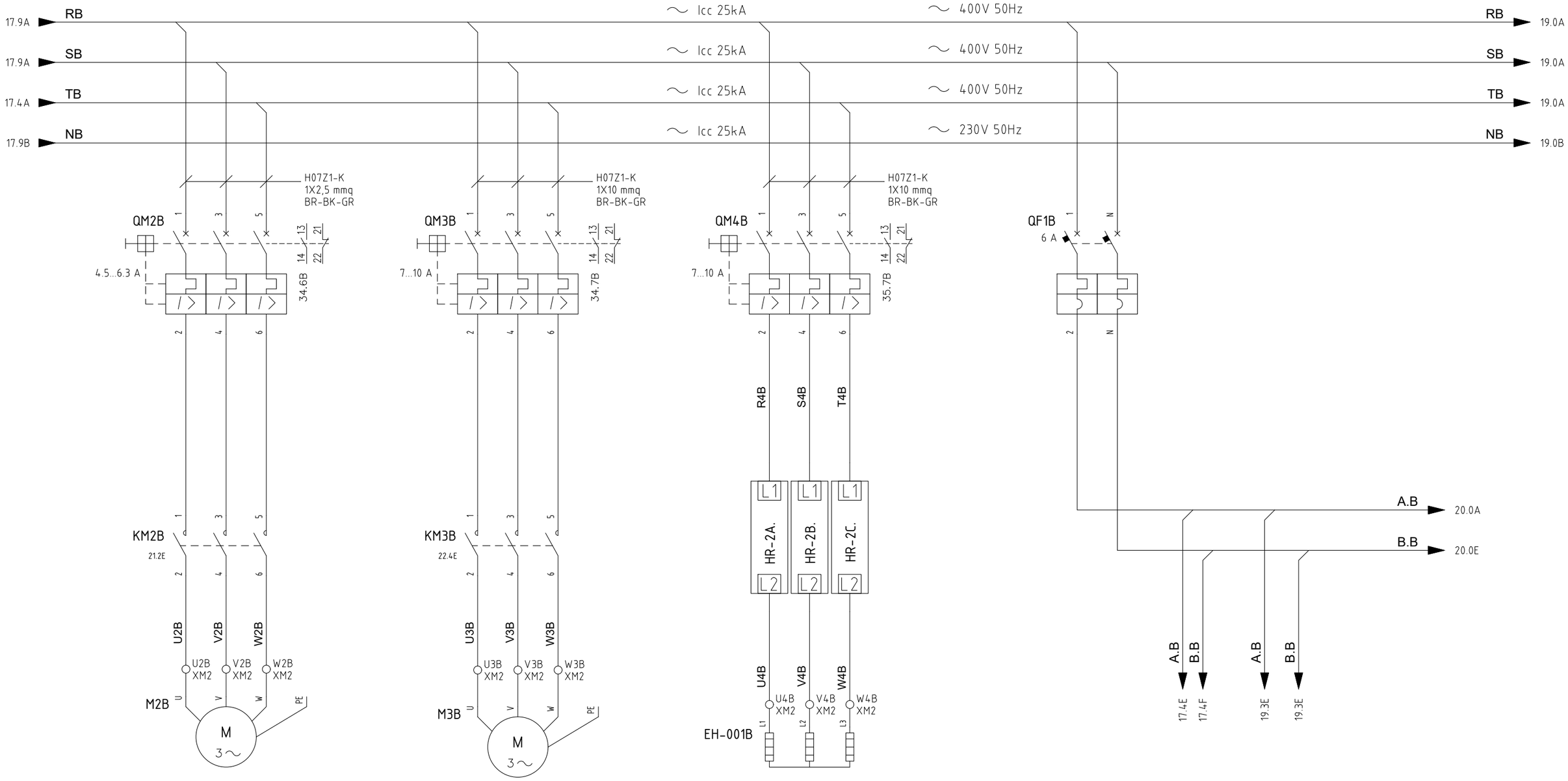
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
POWER SECTION B

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 17
F.S. 18



HFM-77-304	
SUPPLY FAN	
RATED	ABSORBED
3.00 kW	2.48 kW
5.10 A	4.21 A

HCO-77-302	
COMPRESSOR 1 A	
RATED	ABSORBED
5.8 kW	3.80 kW
9.86 A	7.30 A

HHS-77-305	
ELECTRICAL HEATER	
RATED	ABSORBED
6.00 kW	6.00 kW
8.67 A	8.67 A

REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
				APPR.	M.G.

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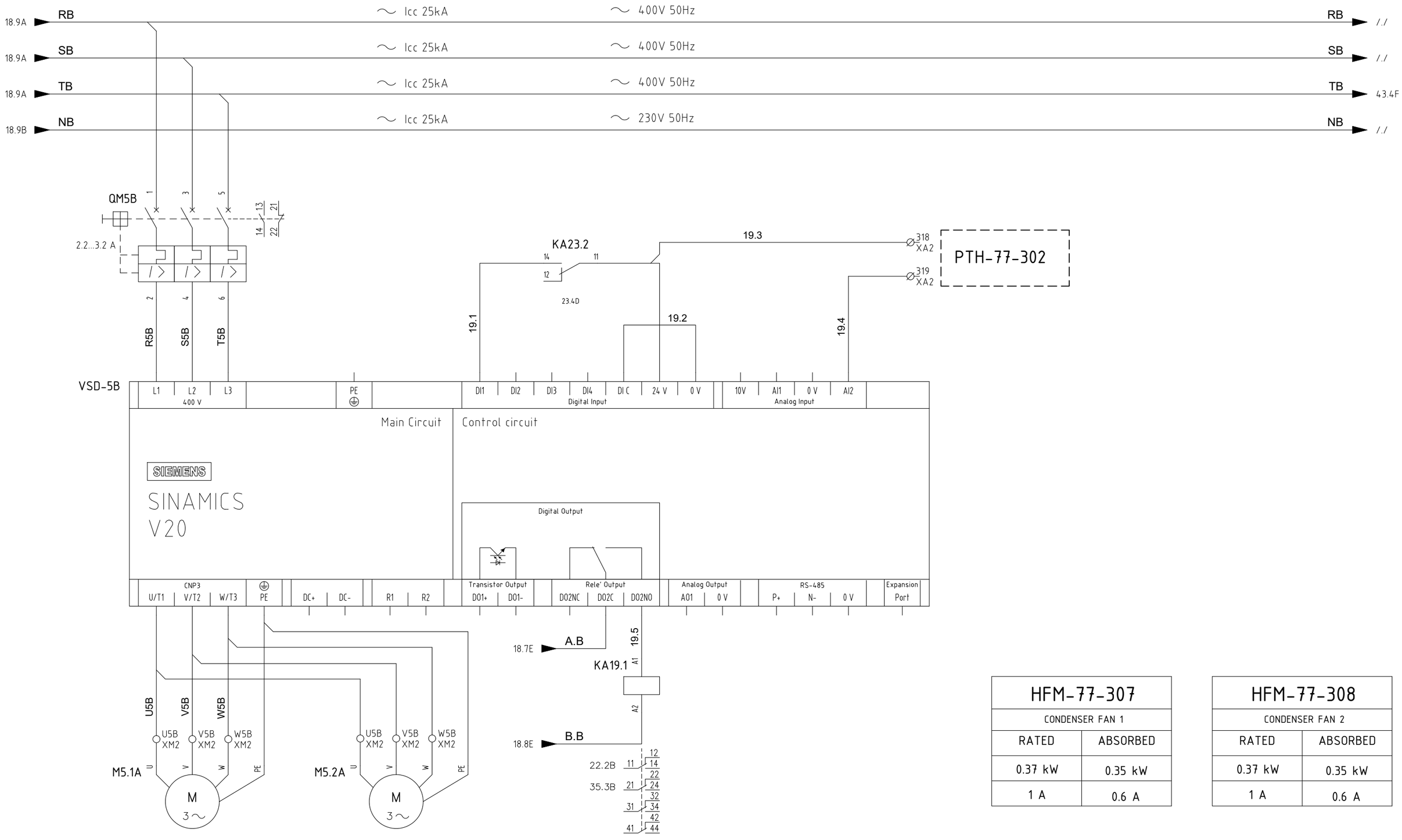
CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
POWER SECTION B

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 18
F.S. 19



HFM-77-307	
CONDENSER FAN 1	
RATED	ABSORBED
0.37 kW	0.35 kW
1 A	0.6 A

HFM-77-308	
CONDENSER FAN 2	
RATED	ABSORBED
0.37 kW	0.35 kW
1 A	0.6 A

REV.	MODIFICA	DATA	FIRMA
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.

DATA	22/04/2024
DISEGN.	F.M.
VISTO	S.S.
APPR.	M.G.

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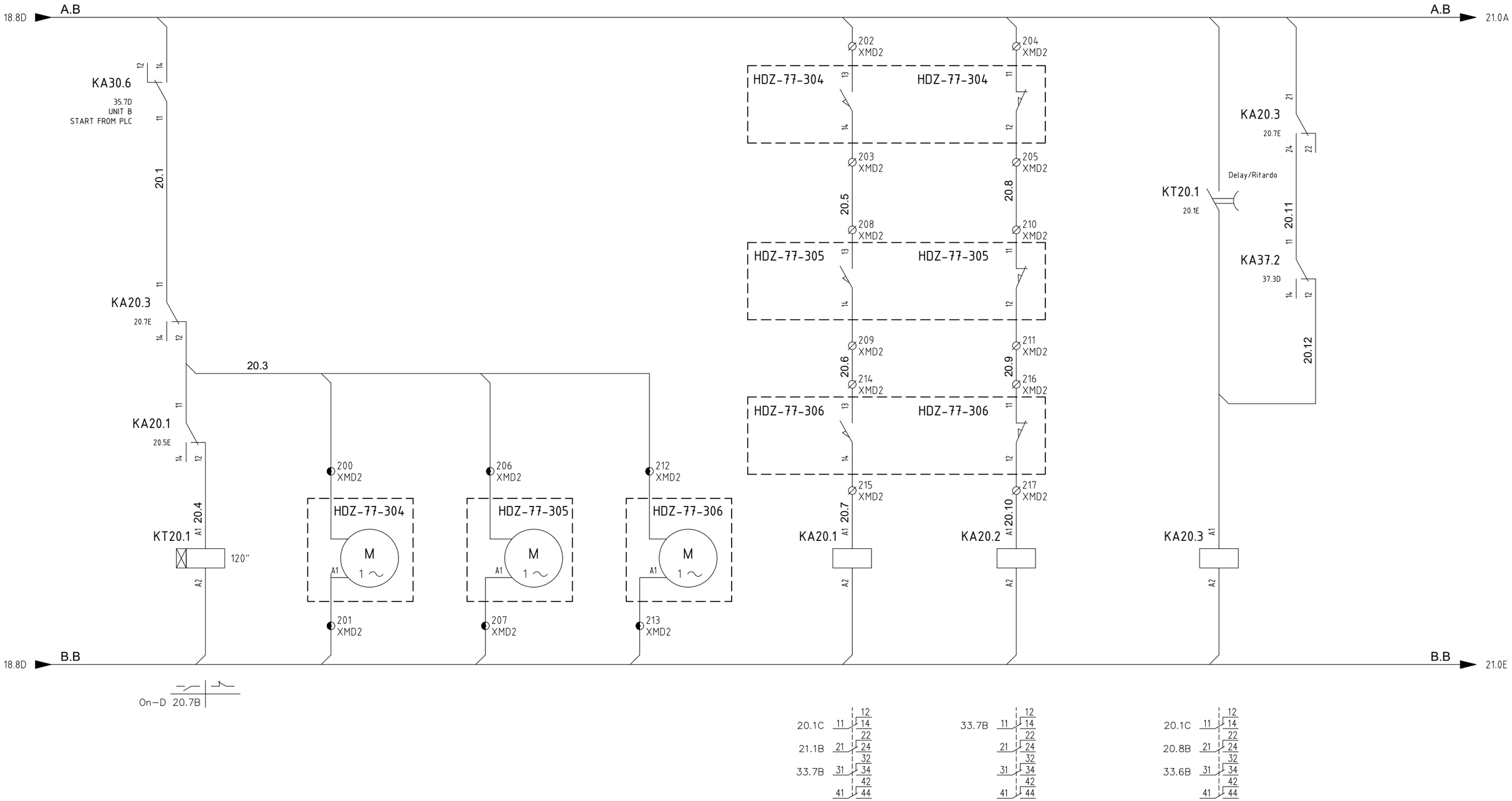
BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
POWER SECTION B

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 19
F.S. 20

START / STOP HHU-77006	MOTORISED DAMPER POWER SUPPLY	MOTORISED DAMPER OPEN SIGNAL HHU-77006	MOTORISED DAMPER CLOSED SIGNA HHU-77006	MOTORISED DAMPER NOT OPEN ALARM SIGNAL HHU-77006



REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
AUX SECTION B

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 20
F.S. 21

1	2	4	5	6	7
PRESSURIZING FAN START / STOP HHU-77006	SUPPLY AIR FAN START/STOP HHU-77006	SUPPLY AIR FAN BROKEN BELT ALARM HHU-77006	SUPPLY AIR FAN MOTOR HEATER HHU-77006		PRESSURIZIN FAN OVERLOAD PROTECTION HHU-77006

20.9A A.B

A.B 22.0A

KA20.1 — 20.5E — 21.1

KA21.3 — 21.8E — 21.2

KA21.1 — 21.1E — 21.3

300 XA2

PDSL-77-302

301 XA2

KA37.2 — 37.3D — 21.12

KA21.2 — 21.4E — 21.4

KT21.1 — Delay/Ritardo — 21.3E

KM2B — 21.2E — 21.5

306 XA2

HSS-77-307

307 XA2

MTP-001B — A1/11

SIEMENS

TRIPPED

NC NO T1 T2 A2 12 14

21.6 21.7

302 XA2 303 XA2

TE-77-302

21.8

KA21.1 A1 A2

KM2B A1 A2

KT21.1 A1 A2

KA21.2 A1 A2

KA21.3 A1 A2

20.9E B.B

B.B 22.0E

21.2B 11 12 14 21 22 24 31 32 34 41 42 44

17.5B

18.1D 2 1

18.1D 4 3

18.1D 6 5

22.1B 14 13

34.4B 44 43

21.5B 22 21 32 31

21.4B On-D

34.4B 11 12 14

21.4C 21 22 24 31 32 34 41 42 44

21.1C 11 12 14

33.8B 21 22 24 31 32 34 41 42 44

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

AUX SECTION B

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 21

F.S. 22

PRESSURIZING FAN MOTOR HEATER
HHU-77006

COMPRESSOR START/STOP
HHU-77006

LOW PRESSURE ALARM
HHU-77006

HIGH PRESSURE ALARM
HHU-77006

COMPRESSOR OIL HEATER
HHU-77006

21.9A A.B

A.B 23.0A

KA30.8
30.9D

KA30.7
30.8D

KM2B
21.2E

KA22.1
22.5E

KA22.2
22.7E

KA19.1
19.4E

KT22.1
22.2E
Delay/Ritardo

PSL-77-302

PSH-77-302

KA22.1
22.5E

KT22.2
22.4E
Delay/Ritardo

KA37.2
37.3D

KA22.2
22.7E

KA37.2
37.3D

KM3B
22.4E

22.1 22.2 22.3 22.4 22.5 22.6 22.7 22.8 22.9 22.10 22.11 22.12 22.13

308 XA2
HSS-77-306
309 XA2

KT22.1 A1 120" A2

KM3B A1 A2

KT22.2 A1 10" A2

KA22.1 A1 A2

KA22.2 A1 A2

310 XA2
HSS-77-308
311 XA2

21.9E B.B

B.B 23.0E

On-D 14.4B

On-D 14.5C

18.3D 2 1
18.3D 4 3
18.3D 6 5
23.1B 14 13
34.7B 44 43
22.8B 22 21
32 31

22.2C 11 12 14
22.6B 21 22 24
35.2B 31 32 34
41 42 44

22.2D 11 12 14
22.8B 21 22 24
34.8B 31 32 34
41 42 44

REV.	MODIFICA	DATA	FIRMA
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.

DATA	22/04/2024
DISEGN.	F.M.
VISTO	S.S.
APPR.	M.G.

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HVAC SYSTEM and EQUIPMENT
S.p.186–Cornegliano Laud. (Lo) Italy
tel. 0039–0371–69076
frigotermica@frigotermica.com

CLIENT:
CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
AUX SECTION B

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 22
F.S. 23

SOLENOID VALVE
HHU-77006

FILTER CLOGGED
HHU-77006

CONDENSING PRESSURE SWITCH
HHU-77006

ELECTRICAL HEATER SECURITY THERMOSTATE
HHU-77006

PRESSURIZING FAN LOW PRESSURE SWITCH
PDSL-77-304
HHU-77006

22.9A A.B

A.B 24.0A

KM3B
22.4E
13
14

23.1

312
XA2

HSV-77-302
A1
A2

313
XA2

314
XA2

PDSH-77-303
p>
13
14

315
XA2

23.2

KA23.1
A1
A2

316
XA2

PC-77-302
p>
13
14

317
XA2

23.3

KA23.2
A1
A2

320
XA2

TSH-77-302
t>
11
12

321
XA2

23.4

322
XA2

TSHH-77-302
t>
11
12

323
XA2

23.5

KA23.3
A1
A2

328
XA2

PDSL-77-304
p>
11
12

329
XA2

23.6

KA23.4
A1
A2

22.9E B.B

B.B 24.0E

35.4B
11 12 14
21 22 24
31 32 34
41 42 44

19.3B
11 12 14
21 22 24
31 32 34
41 42 44

35.6B
11 12 14
21 22 24
31 32 34
41 42 44

34.7B
11 12 14
21 22 24
31 32 34
41 42 44

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

AUX SECTION B

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 23
F.S. 24

PANEL INTERNAL LIGHT	PANEL FAN	PANEL HEATER	230V AUX VOLTAGE PRESENCE
HHU-77006	HHU-77006	HHU-77006	HHU-77006

23.9A A.B

A.B /./

PLS24.1 11 12

PFT24.1 13 14 t>

PHT24.1 13 14 t<

PF24.1 M 1~ A1

PL24.1 X1 X2

PH24.1

HL24.1 X1 X2 WH

23.9E B.B

B.B /./

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

AUX SECTION B

ROSETTI MARINO

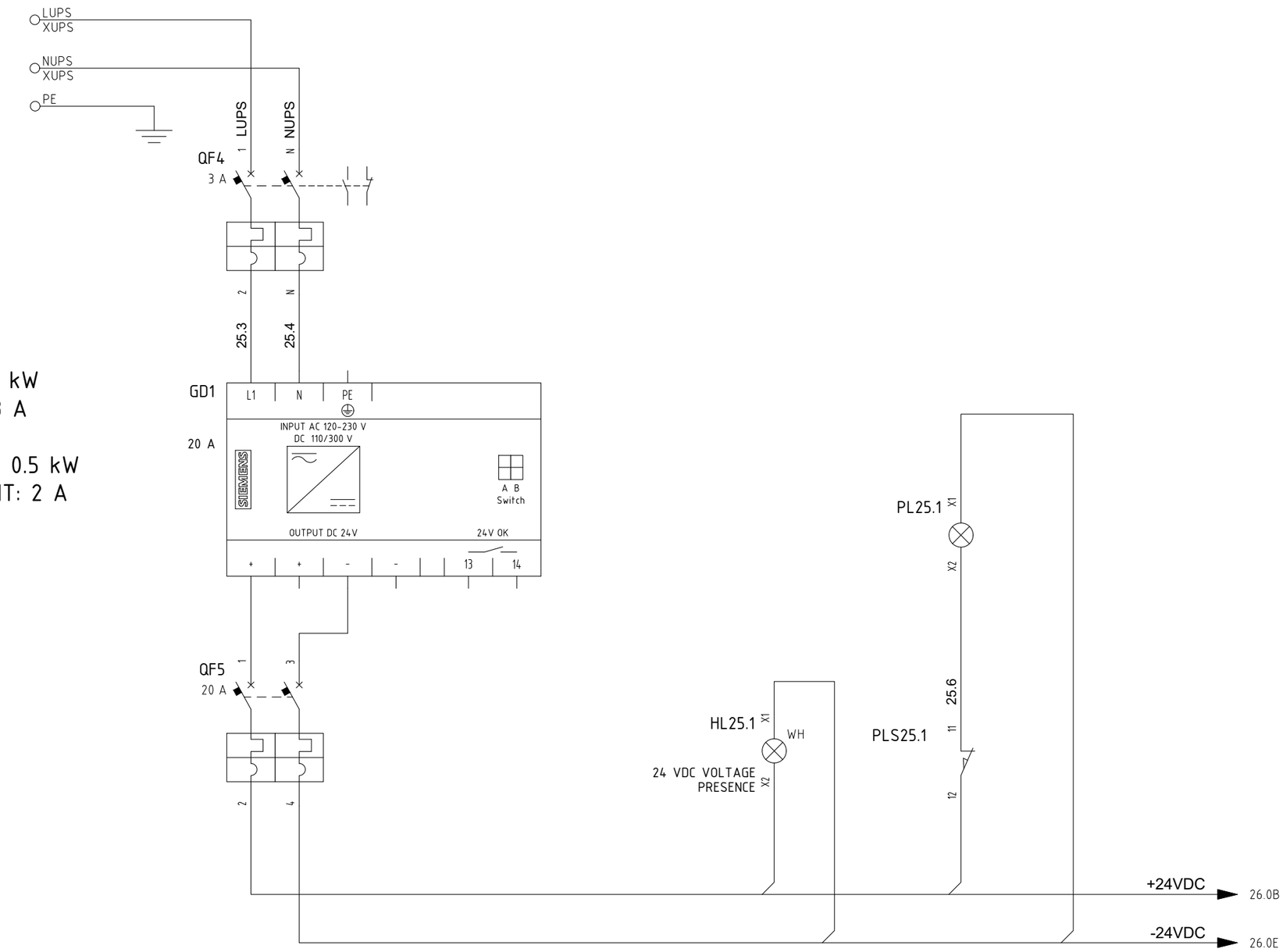
1724000049-HV-DA-00028

FG. 24
F.S. 25

POWER SUPPLY
FROM
AC UPS - PAS DB
1PH + N + PE
230V 50Hz
3G4
TAD DP200-F3

RATED POWER: 0.7 kW
RATED CURRENT: 3 A

ABSORBED POWER: 0.5 kW
ABSORBED CURRENT: 2 A



REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
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CLIENT:
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

UPS POWER SUPPLY

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 25
F.S. 26

0	1	2	3	4	5	6	7	8	9
SHUT DOWN FROM CUSTOMER SIS			PANEL EMERGENCY BUTTON LIGHT	HHS-77-007/8/9 SPACE HEATER START / STOP COMMAND	MODULE LIGHT	HPB-77-301 EMERGENCY POWER BUTTON HHU-77005	HPB-77-302 EMERGENCY POWER BUTTON HHU-77006	HPB-77-303 EMERGENCY POWER BUTTON B300-HSB-001	

25.7E +24VDC → 26A.0A

24V DC
FROM SIS
B400-SIS-0901
1= OK
0= SHUT
DOWN

500 XC — 26.1 — KA26.1 A1 — A2 — 26.2 — 501 XC

27.1B: 11-12-14, 21-22-24, 31-32-34, 41-42-44

HPB-77-303 33-34 26.8B — 26.3 — EPB-002L X1 RD X2

KA30.9 11-12 30.3D — 26.4 — KM1 A1 A2

504 XC — LIGHT PUSH BUTTON — 505 XC — 506 XC — 507 XC — 26.5 — KA26.2 A1 A2

HPB-77-301 13-14 31.1B
HPB-77-302 13-14 33.5B
HPB-77-303 13-14 RD X1 X2
104 XA1 — 105 XA1 — 304 XA2 — 305 XA2 — 26.6

QFA C1 C2 6.6B — 26.7

QFB C1 C2 6.8B — 26.8

QS1 C1 C2 6.2B

25.7E -24VDC → 26A.0E

7.0D 2-1, 7.0D 4-3, 7.0D 6-5, 7.0D 8-7, 28.2B 54-53, 62-61, 72-71, 84-83

8.6B: 11-12-14, 21-22-24, 31-32-34, 41-42-44

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 26
F.S. 26A

HFD-77007
CLOSED FEEDBACK

HFD-77008
CLOSED FEEDBACK

HFD-77009
CLOSED FEEDBACK

HFD-77010
CLOSED FEEDBACK

HFD-77011
CLOSED FEEDBACK

HFD-77007
OPEN FEEDBACK

HFD-77008
OPEN FEEDBACK

HFD-77009
OPEN FEEDBACK

HFD-77010
OPEN FEEDBACK

HFD-77011
OPEN FEEDBACK

25.7E +24VDC → +24VDC 26A.0A

700 XFD — 701 XFD — 702 XFD — 703 XFD — HFD-77007 (11, 12, 13, 14)

704 XFD — 705 XFD — 706 XFD — 707 XFD — HFD-77008 (11, 12, 13, 14)

708 XFD — 709 XFD — 710 XFD — 711 XFD — HFD-77009 (11, 12, 13, 14)

712 XFD — 713 XFD — 714 XFD — 715 XFD — HFD-77010 (11, 12, 13, 14)

716 XFD — 717 XFD — 718 XFD — 719 XFD — HFD-77011 (11, 12, 13, 14)

KA26A.1 (A1, A2)
KA26A.2 (A1, A2)
KA26A.3 (A1, A2)
KA26A.4 (A1, A2)
KA26A.5 (A1, A2)
KA26A.6 (A1, A2)
KA26A.7 (A1, A2)
KA26A.8 (A1, A2)
KA26A.9 (A1, A2)
KA26A.10 (A1, A2)

25.7E -24VDC → -24VDC 26A.0E

34.2B 11 12 14 22 21 24 44.2B
34.3B 11 12 14 22 21 24 44.3B
34.4B 11 12 14 22 21 24 44.5B
34.4B 11 12 14 22 21 24 44.6B
34.5B 11 12 14 22 21 24 44.8B
34.6B 11 12 14 22 21 24 44.9B
39B.2B 11 12 14 22 21 24 44.2E
39B.3B 11 12 14 22 21 24 44.3E
39B.4B 11 12 14 22 21 24 44.5E
39B.4B 11 12 14 22 21 24 44.6E

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
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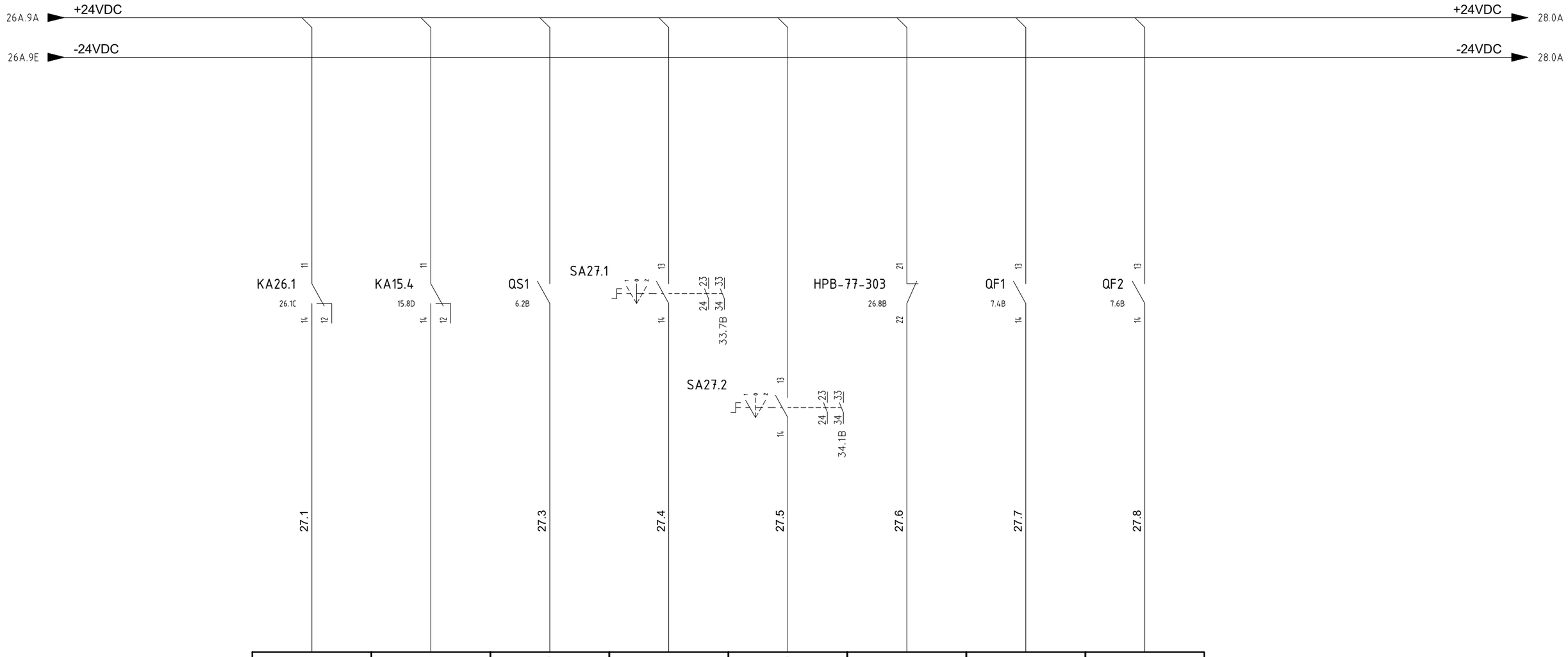
CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 26A
F.S. 27



1	2	3	4	5	6	7	8
I0.0	I0.1	I0.2	I0.3	I0.4	I0.5	I0.6	I0.7
CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4
Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:
SHUT DOWN FROM SIS 0=SHUT DOWN 1= NORMAL	HHU-77005 PDSL-77-303 0=STOP 1=RUN	MAIN BRAKER TRIP	HHU-77005 AUTOMATIC MODE 1=AUTOMATIC 0= NOT AUTOMATIC	HHU-77006 AUTOMATIC MODE 1=AUTOMATIC 0=NOT AUTOMATIC	EPB-002 PANEL EMERGENCY POWER BUTTON	MODULE LIGHT TRIP	MODULE SOCKET TRIP

REV.	MODIFICA	DATA	FIRMA
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.

DATA	22/04/2024
DISEGN.	F.M.
VISTO	S.S.
APPR.	M.G.

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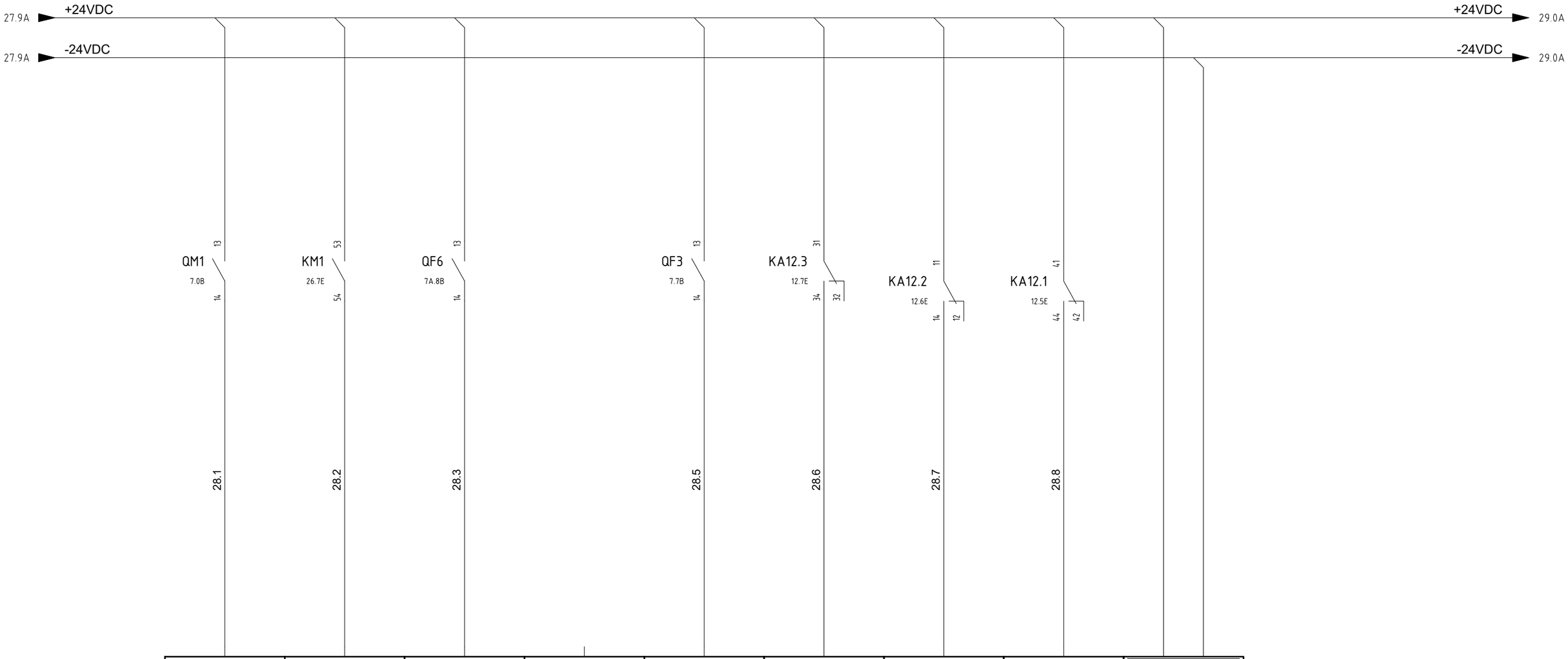
CLIENT:
CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 27
F.S. 28



9	10	11	12	13	14	15	16	L+ M
I1.0	I1.1	I1.2	I1.3	I1.4	I1.5	I1.6	I1.7	
CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4	CPU: QUADRO GENERALE MOD. : 4
Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:
HSS-77-007/8/9 SPACE HEATER TRIP	HSS-77-007/8/9 SPACE HEATER RUN SIGNAL	HEATING CABLE TRIP	SPARE	AUX SECTION TRIP	HHU-77005 MOTORISE DAMPER NOT OPEN FAULT	HHU-77005 MOTORISE DAMPER CLOSED	HHU-77005 MOTORISE DAMPER OPEN	

REV.	MODIFICA	DATA	FIRMA
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.

DATA	22/04/2024
DISEGN.	F.M.
VISTO	S.S.
APPR.	M.G.

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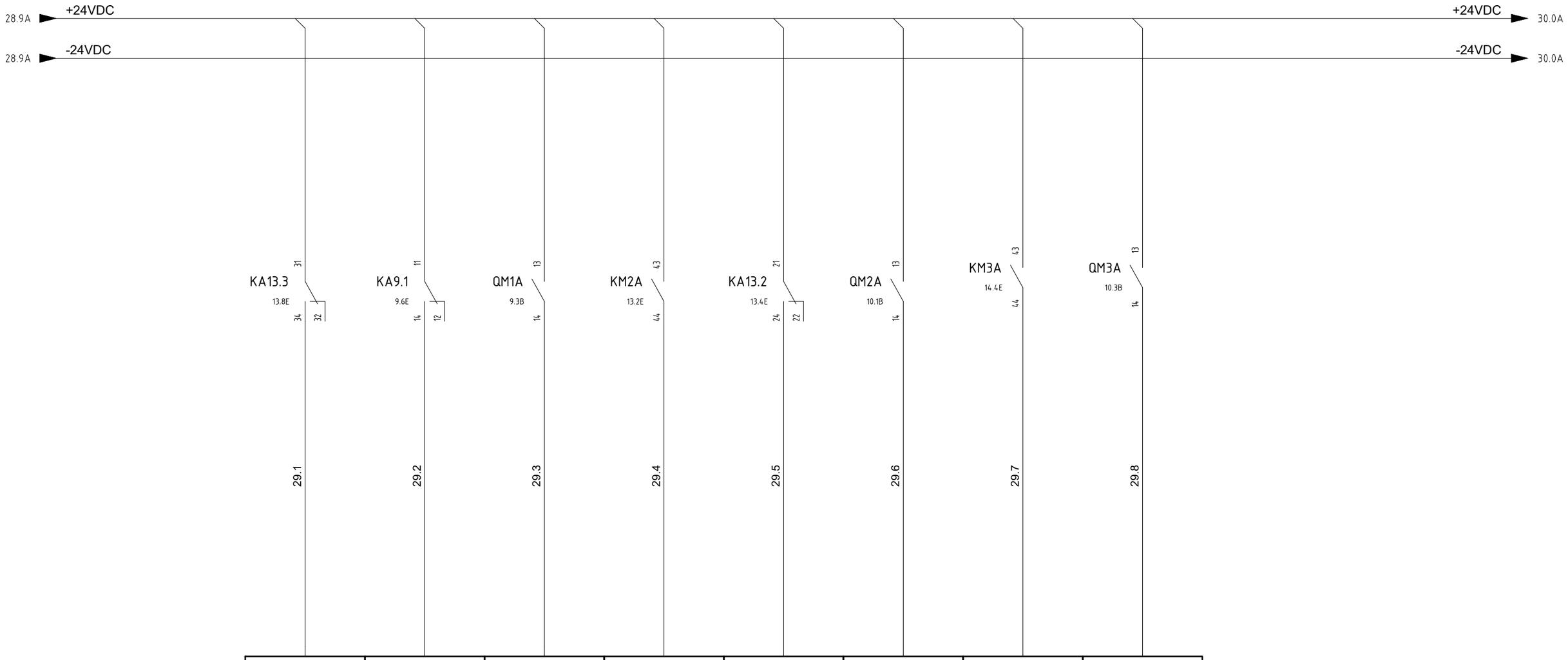
CLIENT:
CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 28
F.S. 29



1	2	3	4	5	6	7	8
I2.0	I2.1	I2.2	I2.3	I2.4	I2.5	I2.6	I2.7
CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5
Name: A4 Sheet:	Name: A4 Sheet:	Name: A4 Sheet:	Name: A4 Sheet:	Name: A4 Sheet:	Name: A4 Sheet:	Name: A4 Sheet:	Name: A4 Sheet:
HHU-77005 TE-77-301 THERMIC PROT. RELAY	HHU-77005 HFM-77-301 VSD-1A MALFUNCTION	HHU-77005 HFM-77-301 TRIP	HHU-77005 HFM-77-302 RUN SIGNAL	HHU-77005 HFM-77-302 BROKEN BELT ALARM	HHU-77005 HFM-77-302 TRIP	HHU-77005 HCO-77-301 RUNNING SIGNAL	HHU-77005 HCO-77-301 TRIP

REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
				APPR.	M.G.

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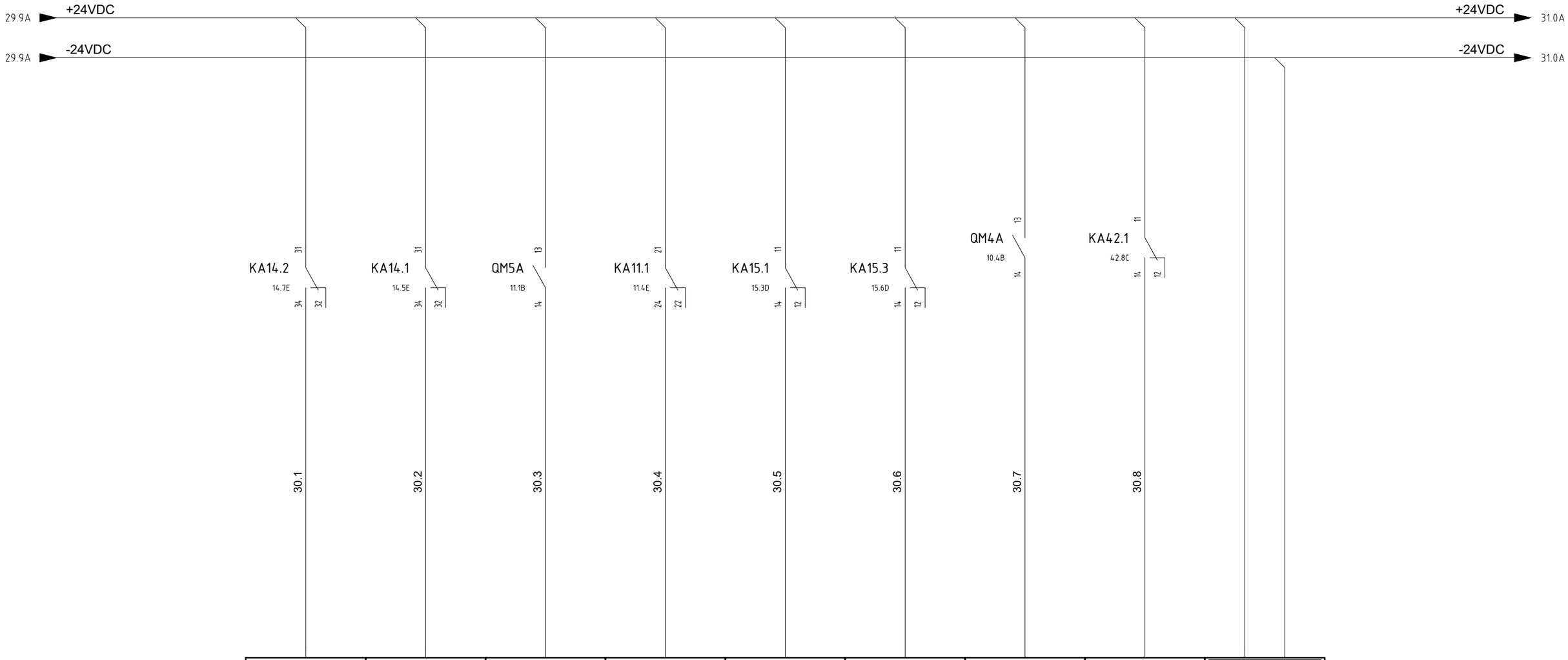
CLIENT:
CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 29
F.S. 30



9	10	11	12	13	14	15	16	L+ M
I3.0	I3.1	I3.2	I3.3	I3.4	I3.5	I3.6	I3.7	
CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5	CPU: QUADRO GENERALE MOD. : 5
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HHU-77005 HCO-77-301 HIGH PRESSURE ALARM	HHU-77005 HCO-77-301 LOW PRESSURE ALARM	HHU-77005 HFM-77-305/6 TRIP	HHU-77005 HFM-77-305/6 VSD-2A MALFUNCTION	HHU-77005 FILTER CLOGGED	HHU-77005 HSS-77-301 THERMOSTATE TRIP	HHU-77005 HSS-77-301 TRIP	HHU-77005 HSS-77-301 MODULATION FAULT	

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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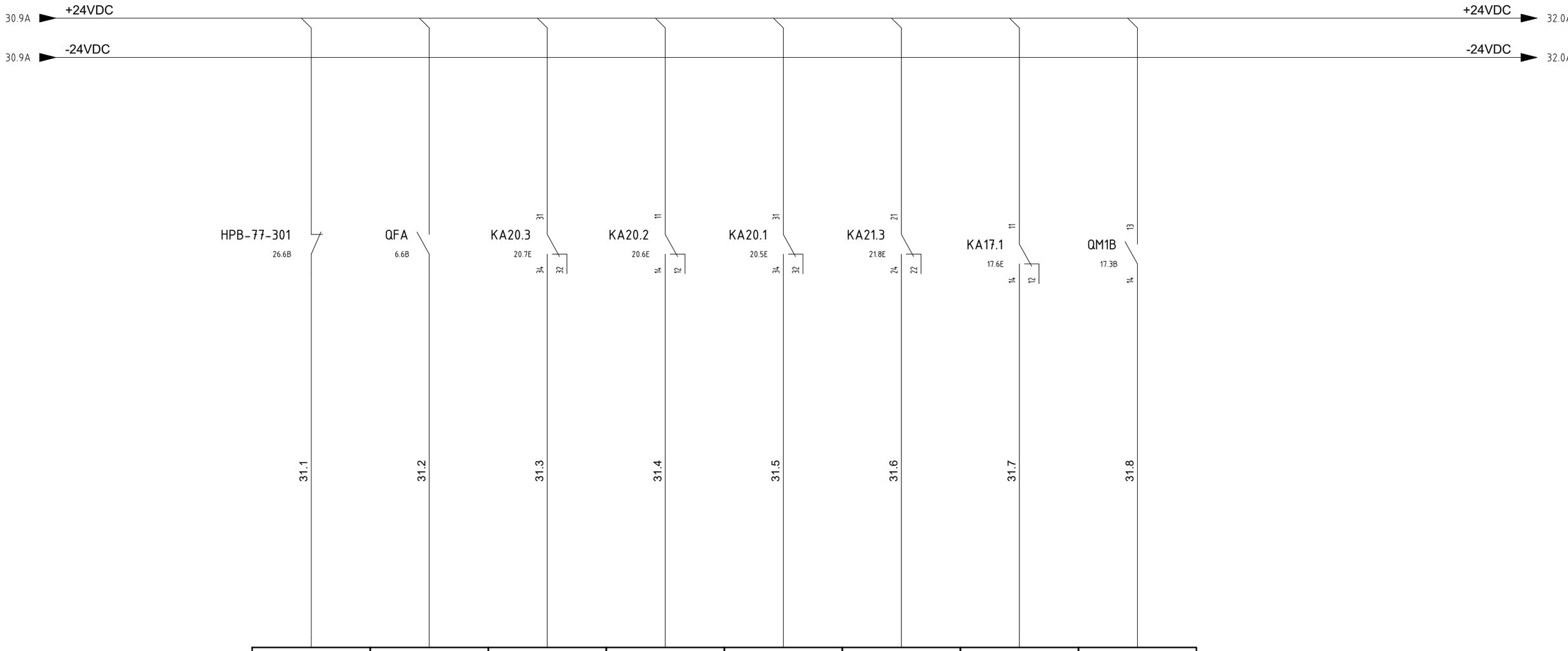
CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 30
F.S. 31



1	2	3	4	5	6	7	8
14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7
CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6
Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:
HHU-77005 HPB-77-301 EMERGENCY STOP BUTTON	HHU-77005 MAIN SWITCH OPEN	HHU-77006 HDZ-77-304/5/6 NOT OPEN FAULT	HHU-77006 HDZ-77-304/5/6 CLOSED	HHU-77006 HDZ-77-304/5/6 OPEN	HHU-77006 PF-001B THERMIC PROT. RELAY	HHU-77006 PF-001B VSD-1B MALFUNCTION	HHU-77006 PF-001B TRIP

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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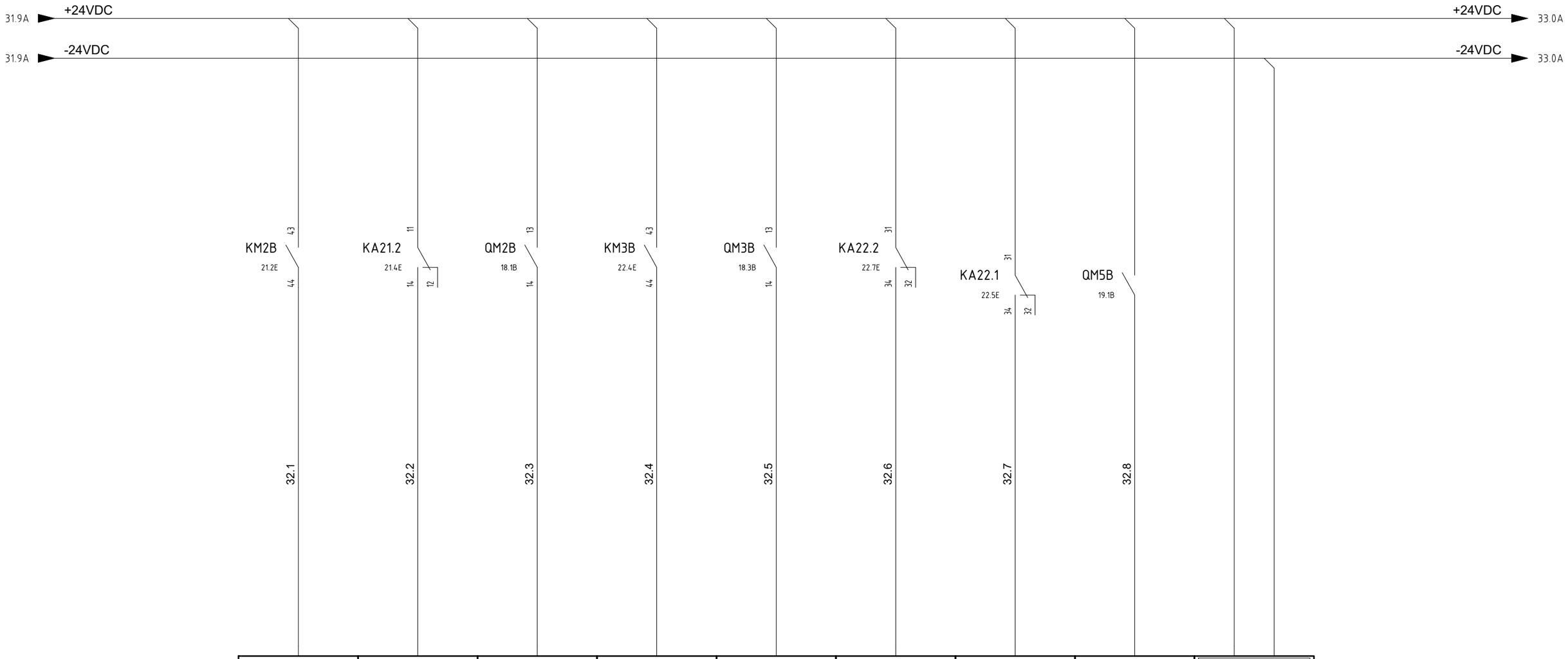
CLIENT:
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 31
F.S. 32



9	10	11	12	13	14	15	16	L+ M
I5.0	I5.1	I5.2	I5.3	I5.4	I5.5	I5.6	I5.7	
CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6	CPU: QUADRO GENERALE MOD. : 6
Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:	Name: / Sheet:
HHU-77006 SUPPLY FAN RUN SIGNAL	HHU-77006 SUPPLY FAN BROKEN BELT ALARM	HHU-77006 SUPPLY FAN TRIP	HHU-77006 COMPRESSOR RUNNING SIGNAL	HHU-77006 COMPRESSOR TRIP	HHU-77006 COMPRESSOR HIGH PRESSURE ALARM	HHU-77006 COMPRESSOR LOW PRESSURE ALARM	HHU-77006 CONDENSER FAN TRIP	

REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
				APPR.	M.G.

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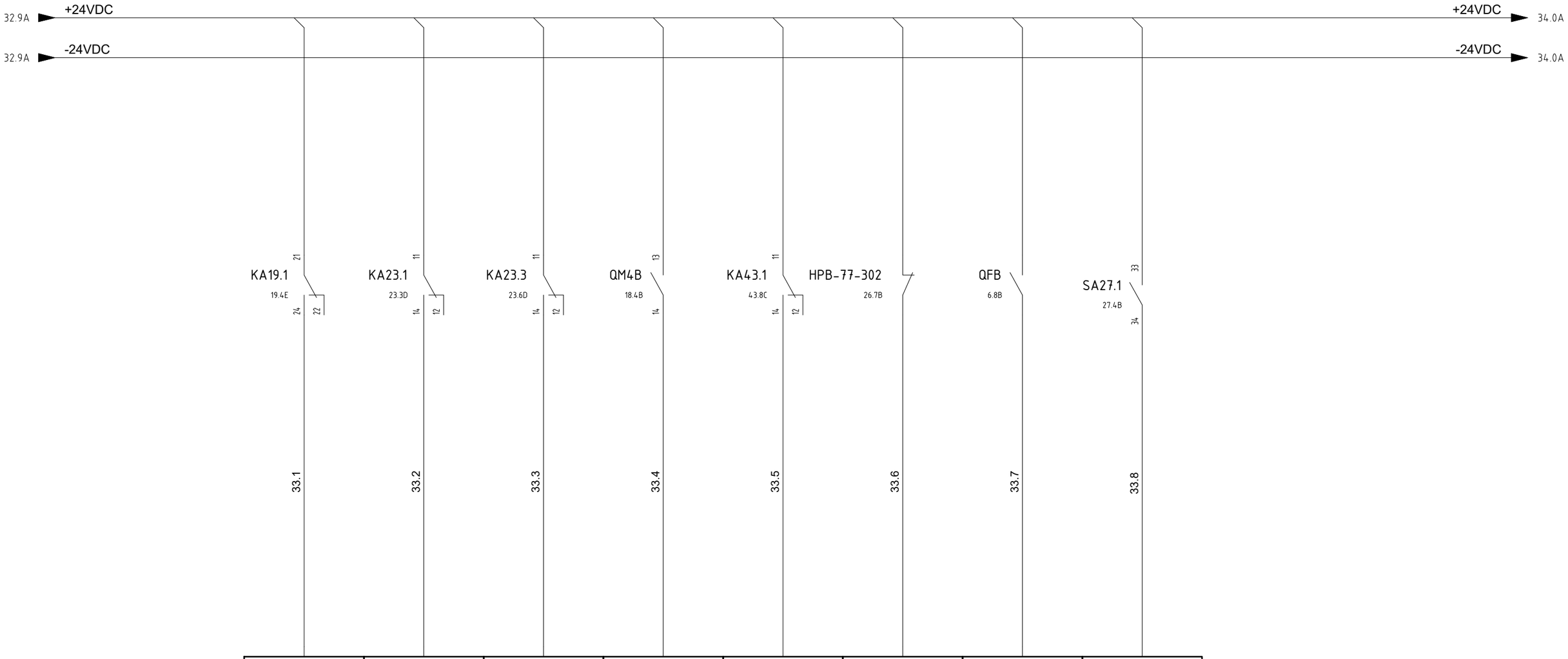
CLIENT:
CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 32
F.S. 33



1	2	3	4	5	6	7	8
I6.0	I6.1	I6.2	I6.3	I6.4	I6.5	I6.6	I6.7
CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7
Name: A6 Sheet:	Name: A6 Sheet:	Name: A6 Sheet:	Name: A6 Sheet:	Name: A6 Sheet:	Name: A6 Sheet:	Name: A6 Sheet:	Name: A6 Sheet:
HHU-77006 CONDENSER FAN VSD-2A MALFUNCTION	HHU-77006 FILTER CLOGGED	HHU-77006 ELECTRICAL HEATER THERMOSTATE TRIP	HHU-77006 ELECTRICAL HEATER TRIP	HHU-77006 ELECTRICAL HEATER MODULATION FAULT	HHU-77006 EPB-001A EMERGENCY STOP BUTTON	HHU-77006 MAIN SWITCH OPEN	HHU-77005 MANUAL MODE 0=NOT MANUAL 1= MANUAL

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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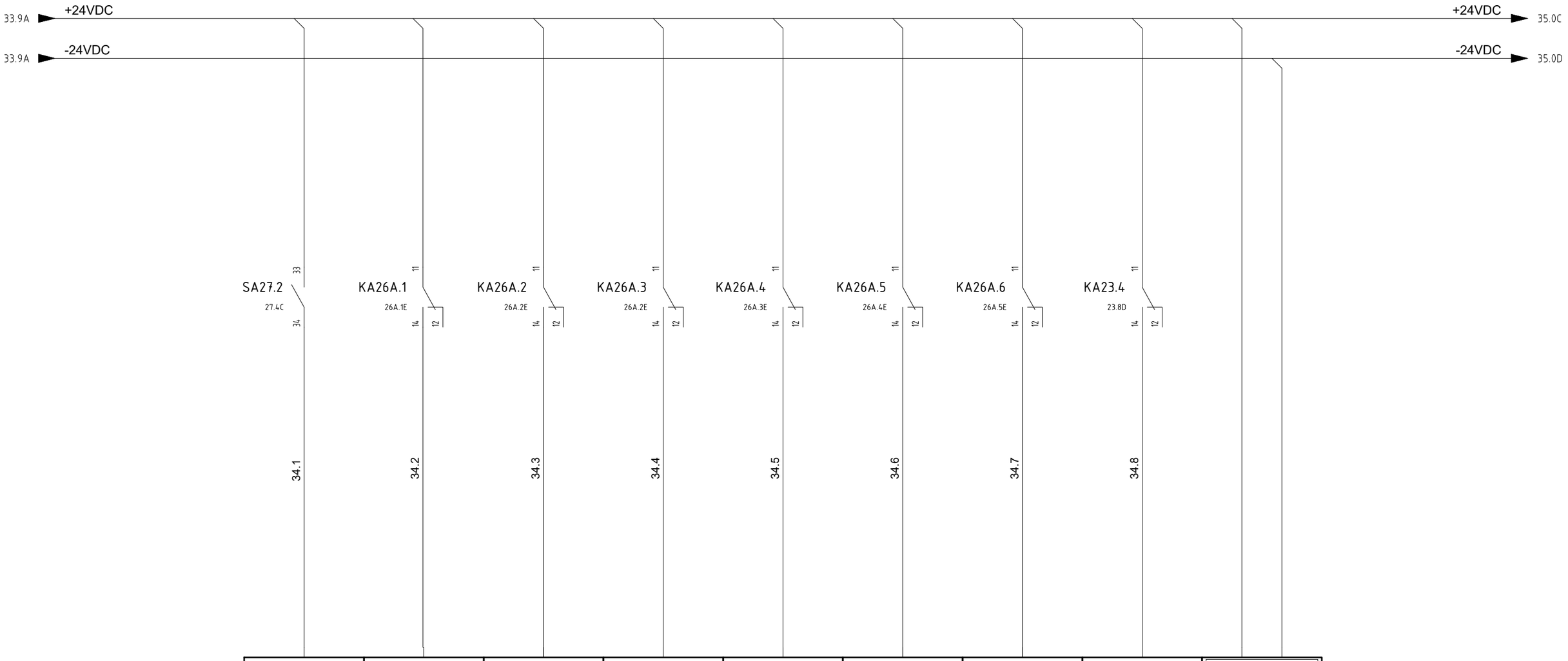
CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 33
F.S. 34



9	10	11	12	13	14	15	16	L+ M
17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	
CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7	CPU: QUADRO GENERALE MOD. : 7
Name: A6 / Sheet:	Name: A6 / Sheet:	Name: A6 / Sheet:	Name: A6 / Sheet:	Name: A6 / Sheet:	Name: A6 / Sheet:	Name: A6 / Sheet:	Name: A6 / Sheet:	Name: A6 / Sheet:
HHU-77006 MANUAL MODE 0= NOT MANUAL 1= MANUAL	HFD-77007 CLOSE CONTACT 0= NOT CLOSED 1= CLOSED	HFD-77007 OPEN CONTACT 0=NOT OPEN 1= OPEN	HFD-77008 CLOSE CONTACT 0= NOT CLOSE 1= CLOSE	HFD-77008 OPEN CONTACT 0=NOT OPEN 1= OPEN	HFD-77009 CLOSE CONTACT 0= NOT CLOSE 1= CLOSE	HFD-77009 OPEN CONTACT 0=NOT CLOSE 1= CLOSE	HHU-77006 PRESS FAN RUN 0= STOP 1=RUN	

REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
				APPR.	M.G.

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CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 34
F.S. 35

HVAC MALFUNCTION		SPARE		HSS-77007/8/9 SPACE HEATER START SIGNAL		SPARE		HHU-77005 HVAC UNIT A START SIGNAL		HHU-77005 PF-001A MOTOR HEATER		HHU-77005 COMPRESSOR START SIGNAL		HHU-77006 HVAC UNIT B START SIGNAL	
Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:
CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8	
Q0.0		Q0.1		Q0.2		Q0.3		Q0.4		Q0.5		Q0.6		Q0.7	
1		2		3		4		5		6		7		8	

35.1 35.3 35.5 35.6 35.7 35.8

34.9A +24VDC → 36.0C +24VDC

34.9A -24VDC → 36.0D -24VDC

KA30.1 A1 A2

KA30.9 A1 A2

KA30.3 A1 A2

KA30.4 A1 A2

KA30.5 A1 A2

KA30.6 A1 A2

44.0B 11 12 14 21 22 24 31 32 34 41 42 44

26.7B 11 12 14 21 22 24 31 32 34 41 42 44

12.1B 11 12 14 21 22 24 31 32 34 41 42 44

14.1B 11 12 14 21 22 24 31 32 34 41 42 44

14.1A 11 12 14 21 22 24 31 32 34 41 42 44

20.1B 11 12 14 21 22 24 31 32 34 41 42 44

REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
				APPR.	M.G.

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CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 35
F.S. 36

HHU-77006 PF-001B MOTOR HEATER		HHU-77006 COMPRESSOR START SIGNAL		HVAC UNIT A / B ALARM RESET		SPARE		SPARE		SPARE		SPARE		SPARE		
Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:	Name: A7	Sheet:
CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		CPU: QUADRO GENERALE MOD. : 8		
Q1.0		Q1.1		Q1.2		Q1.3		Q1.4		Q1.5		Q1.6		Q1.7		
9		10		11		12		13		14		15		16		L+ M

36.1 36.2 36.3

35.9C +24VDC → 37.0A

35.9D -24VDC → 37.0A

KA30.7 A1 A2

KA30.8 A1 A2

KA37.1 A1 A2 ALARM RESET RELAY

KA37.2 A1 A2

22.1B 11 12 14 21 22 24 31 32 34 41 42 44

22.1A 11 12 14 21 22 24 31 32 34 41 42 44

12.8C 13.3B 14.6C 14.8C 11 12 14 21 22 24 31 32 34 41 42 44

20.8C 21.3B 22.6C 22.8C 11 12 14 21 22 24 31 32 34 41 42 44

REV.	MODIFICA	DATA	FIRMA
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.

DATA	22/04/2024
DISEGN.	F.M.
VISTO	S.S.
APPR.	M.G.

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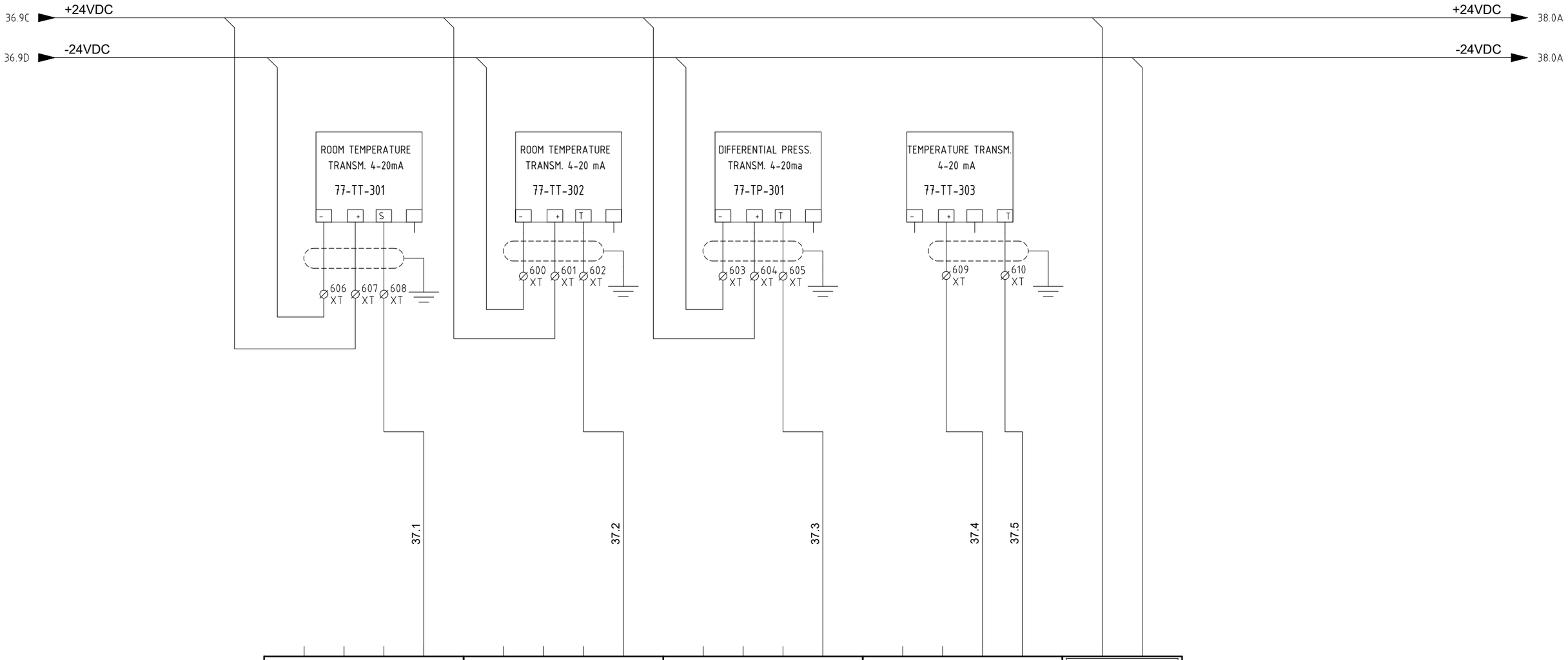
CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 36
F.S. 37



1 5 9 13	2 6 10 14	3 7 11 15	4 8 12 16	L+ M
AI0.0	AI0.1	AI0.2	AI0.3	
CPU: QUADRO GENERALE MOD. : 9	CPU: QUADRO GENERALE MOD. : 9	CPU: QUADRO GENERALE MOD. : 9	CPU: QUADRO GENERALE MOD. : 9	CPU: QUADRO GENERALE MOD. : 9
Name: A8 / Sheet:	Name: A8 / Sheet:	Name: A8 / Sheet:	Name: A8 / Sheet:	Name: A8 / Sheet:
77-TT-301 TEMPERATURE TRANSM 4-20mA	77-TT-302 TEMPERATURE TRANSM 4-20mA	77-PT-301 DIFFERENTIAL PRESS. TRANSMITTER 4-20mA	77-TT-303 TEMPERATURE TRANSM 4-20 mA	

REV.	MODIFICA	DATA	FIRMA
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.

DATA	22/04/2024
DISEGN.	F.M.
VISTO	S.S.
APPR.	M.G.

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

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1724000049-HV-DA-00028

FG. 37
F.S. 38

37.9A +24VDC → 39.0A +24VDC

37.9A -24VDC → 39.0A -24VDC

HHU-77005 PF-001A VSD MODULATION		HHU-77006 PF-001B VSD MODULATION		HHU-77005 ELECTRICAL HEATER MODULATION		HHU-77006 ELECTRICAL HEATER MODULATION			
Name: A9	Sheet:	Name: A9	Sheet:	Name: A9	Sheet:	Name: A9	Sheet:	Name: A9	Sheet:
CPU: QUADRO GENERALE MOD. : 10		CPU: QUADRO GENERALE MOD. : 10		CPU: QUADRO GENERALE MOD. : 10		CPU: QUADRO GENERALE MOD. : 10		CPU: QUADRO GENERALE MOD. : 10	
AQ0.0		AQ0.1		AQ0.2		AQ0.3			
9 1 5 13		10 2 6 14		11 3 7 15		12 4 8 16		L+ M	

9.8B → 9.4

9.8C → 9.5

17.8B → 17.5

17.8C → 17.4

42.8D → 40.1

42.8D → 40.2

43.8D → 40.3

43.8D → 40.4

REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
				APPR.	M.G.

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

PLC SECTION

ROSETTI MARINO

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FG. 38
F.S. 39

38.9A +24VDC → +24VDC 40.0E

38.9A -24VDC → -24VDC 40.0F

SPARE	SPARE	SPARE	SPARE	
Name: A10 / Sheet:	Name: A10 / Sheet:	Name: A10 / Sheet:	Name: A10 / Sheet:	Name: A10 / Sheet:
CPU: QUADRO GENERALE MOD. : 11	CPU: QUADRO GENERALE MOD. : 11	CPU: QUADRO GENERALE MOD. : 11	CPU: QUADRO GENERALE MOD. : 11	CPU: QUADRO GENERALE MOD. : 11
AQ1.0	AQ1.1	AQ1.2	AQ1.3	
9 1 5 13	10 2 6 14	11 3 7 15	12 4 8 16	L+ M

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

PLC SECTION

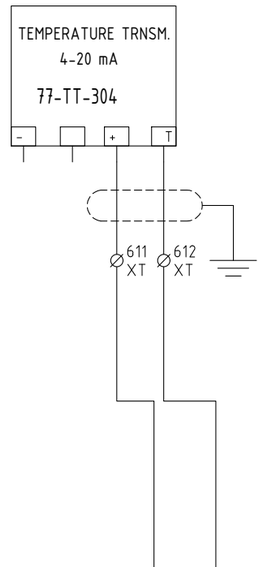
ROSETTI MARINO

1724000049-HV-DA-00028

FG. 39
F.S. 39A

38.9A +24VDC → +24VDC 40.0E

38.9A -24VDC → -24VDC 40.0F



1 5 9 13	2 6 10 14	3 7 11 15	4 8 12 16	L+ M
AI1.0	AI1.1	AI1.2	AI1.3	
CPU: QUADRO GENERALE MOD. : 12	CPU: QUADRO GENERALE MOD. : 12	CPU: QUADRO GENERALE MOD. : 12	CPU: QUADRO GENERALE MOD. : 12	CPU: QUADRO GENERALE MOD. : 12
Name: A11 / Sheet:	Name: A11 / Sheet:	Name: A11 / Sheet:	Name: A11 / Sheet:	Name: A11 / Sheet:
77-TT-304 TEMPERATURE TRANSM 4-20mA	SPARE	SPARE	SPARE	

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 39A
F.S. 39B

38.9A +24VDC

38.9A -24VDC

+24VDC 40.0E

-24VDC 40.0F

KA26A.7	KA26A.8	KA26A.9	KA26A.10
11	11	11	11
26A.6E	26A.7E	26A.8E	26A.8E
14 12	14 12	14 12	14 12
39B.1	39B.2	39B.3	39B.4

1	2	3	4	5	6	7	8
I8.0	I8.1	I8.2	I8.3	I8.4	I8.5	I8.6	I8.7
CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13
Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:
HFD-77010 CLOSE CONTACT 0= NOT CLOSED 1= CLOSED	HFD-77010 OPEN CONTACT 0=NOT OPEN 1= OPEN	HFD-77011 CLOSE CONTACT 0= NOT CLOSED 1= CLOSED	HFD-77011 OPEN CONTACT 0=NOT OPEN 1= OPEN	SPARE	SPARE	SPARE	SPARE

REV.	MODIFICA	DATA	FIRMA
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.

DATA	22/04/2024
DISEGN.	F.M.
VISTO	S.S.
APPR.	M.G.

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 39B
F.S. 39C

38.9A +24VDC → +24VDC 40.0E

38.9A -24VDC → -24VDC 40.0F

9	10	11	12	13	14	15	16	L+ M
19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	
CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13	CPU: QUADRO GENERALE MOD. : 13
Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:
SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	

REV.	MODIFICA	DATA	FIRMA
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.

DATA	22/04/2024
DISEGN.	F.M.
VISTO	S.S.
APPR.	M.G.

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 39C
F.S. 40

A1

SIEMENS

SIMATIC HMI

TOUCH

12"

X1 P1 PROFINET

X1 P2 PROFINET

X2 PROFIBUS DP

X60 Mini USB - Type B

X61 USB - Type A

X62 USB - Type A

X90 OUT Line OUT

X90 IN Line IN

DC 24V (X80)

L+ 1

M 2

FG

CABLE 1

CABLE 2

CABLE 3

CABLE 4

X1 P1 R PROFINET

X1 P2 R PROFINET

TO PAGE 41

D1

D2

SIEMENS

RUN

SIMATIC S7-1500

ESC OK

L+

M

L+

M

DC 24V (X80)

39.9A +24VDC

39.9A -24VDC

+24VDC 41.0E

-24VDC 41.0F

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

PLC SECTION

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 40

F.S. 41

FROM PAGE 40

CABLE 4

CABLE 5

CABLE 1

CABLE 2

MODBUS TCP/P TO CLIENT

RJ45 CONNECTION IN TERMINAL STRIP

X1 RJ45 — PROFINET IO - Port 1 RJ45

1	TD
2	TD_N
3	RD
4	GND
5	GND
6	RD_N
7	GND
8	GND

X2 RJ45 — PROFINET IO - Port 2 RJ45

1	TD
2	TD_N
3	RD
4	GND
5	GND
6	RD_N
7	GND
8	GND

DC 24V

1L+	
2L+	
1M	
2M	

A2 SIEMENS BA 2xRJ45 — SIMATIC ET 200SP IM 155-6 PN/2 HF — 6ES7155-6AU01-0CN0 — 6ES7193-6RA00-0AA0

A3	A4	A5	A6	A7	A8	A9	A10	A11	A13
DI 16x24VDC ST	DI 16x24VDC ST	DI 16x24VDC ST	DI 16x24VDC ST	DQ 16x24VDC/0,5A ST	AI 4xU/I 2-wire ST	AQ 4xU/I ST	AQ 4xU/I ST	AI 4xU/I 2-wire ST	DI 16x24VDC ST
6ES7131-6BH01-0BA0	6ES7131-6BH01-0BA0	6ES7131-6BH01-0BA0	6ES7131-6BH01-0BA0	6ES7132-6BH01-0BA0	6ES7134-6HD01-0BA1	6ES7135-6HD00-0BA1	6ES7135-6HD00-0BA1	6ES7134-6HD01-0BA1	6ES7131-6BH01-0BA0

MAC ADDRESS

X80 24VDC

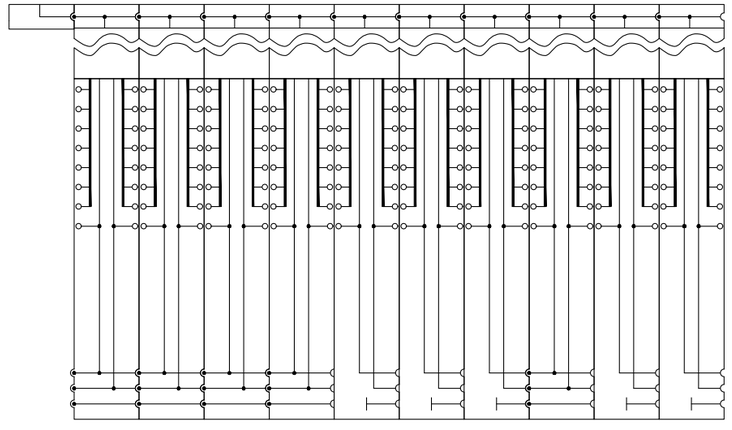
A12 SIEMENS SCALANCE XC208 — 208-0BA00-2AC2

P1	LAN
P2	LAN
P3	LAN
P4	LAN
P5	LAN
P6	LAN
P7	LAN
P8	LAN

1	F1
2	F2

DC 24V

1	L1+
2	M1
3	M2
4	L2+



40.9E +24VDC → +24VDC 42.0A

40.9F -24VDC → -24VDC 42.0A

REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
				APPR.	M.G.

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CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

PLC ARCHITECTURE

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 41
F.S. 42

41.9E +24VDC → +24VDC 43.0A

41.9F -24VDC → -24VDC 43.0A

42.1

42.2

1/L1

HR-1A

9 AL
8 A2
7 A2
6 A1
5 D1
4 US
3 A2

GRP 3

2/T1

1/L1

HR-1B

9 AL
8 A2
7 A2
6 A1
5 D1
4 US
3 A2

GRP 3

2/T1

1/L1

HR-1C

19 AL
18 AL
17 D17
16 A2
15 A-
14 A+
13 D13
12 US
11 A2

GRM 1

2/T1

KA42.1 A1 A2

33.2B 11 12 14 21 22 24 31 32 34 41 42 44

40.1 38.4D

40.2 38.4D

3/L2

TA.1

FU42.1 1 2

11.9A RA

REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
				APPR.	M.G.

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CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

EH MODULATION A

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 42
F.S. 43

42.9A +24VDC

42.9A -24VDC

+24VDC /./

-24VDC /./

42.1

42.2

1/L1

HR-2A

9 AL
8 A2
7 A2
6 A1
5 D1
4 US
3 A2

GRP 3

2/T1

1/L1

HR-2B

9 AL
8 A2
7 A2
6 A1
5 D1
4 US
3 A2

GRP 3

2/T1

1/L1

HR-2C

19 AL
18 AL
17 D17
16 A2
15 A-
14 A+
13 D13
12 US
11 A2

GRM 1

2/T1

KA43.1 A1 A2

35.8B 11 12 14 21 22 24 31 32 34 41 42 44

40.3

40.4

38.4E

38.4E

3/L2

TB.1

FU43.1 1 2

19.9A RB

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

EH MODULATION B

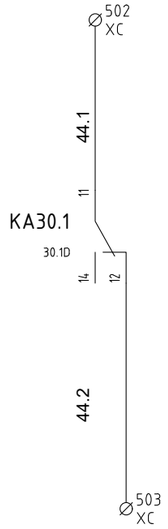
ROSETTI MARINO

1724000049-HV-DA-00028

FG. 43

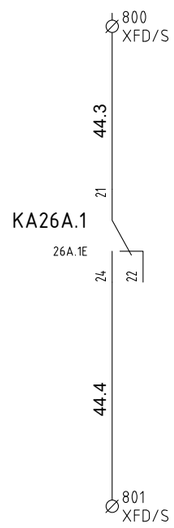
F.S. 44

AVAILABLE SIGNAL
GENERAL FAULT
TO SIS

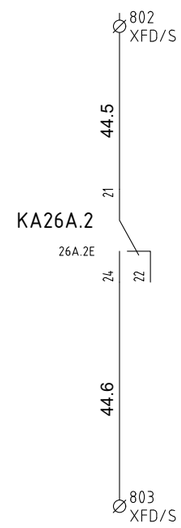


HVAC MALFUNCTION
0=MALF
1=NORMAL
TO SIS
B400-SIS-0901

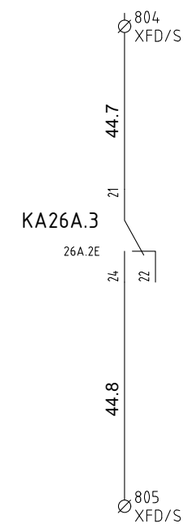
HFD-77007
CLOSED SIGNAL
TO F&G



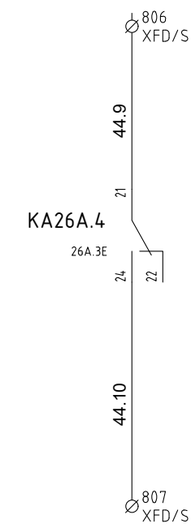
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OPEN SIGNAL
TO F&G



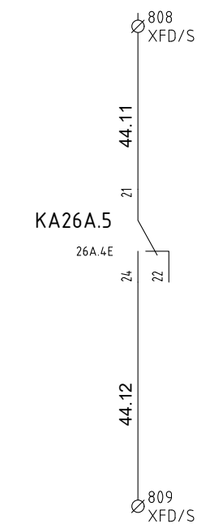
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CLOSED SIGNAL
TO F&G



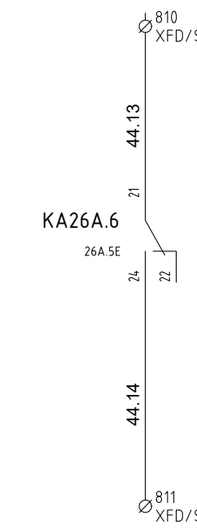
HFD-77008
OPEN SIGNAL
TO F&G



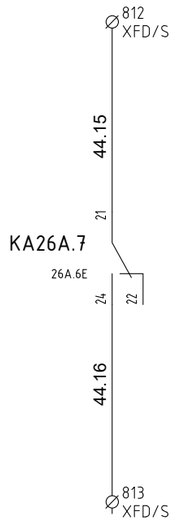
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CLOSED SIGNAL
TO F&G



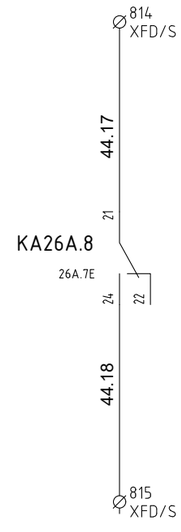
HFD-77009
OPEN SIGNAL
TO F&G



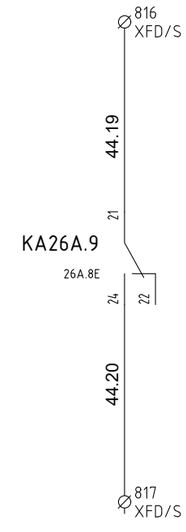
HFD-77010
CLOSED SIGNAL
TO F&G



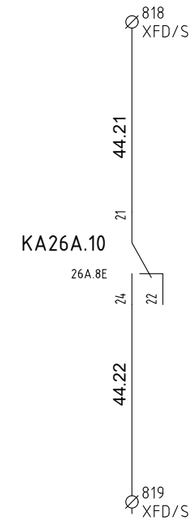
HFD-77010
OPEN SIGNAL
TO F&G



HFD-77011
CLOSED SIGNAL
TO F&G



HFD-77011
OPEN SIGNAL
TO F&G



REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
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				APPR.	M.G.

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CLIENT:
CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

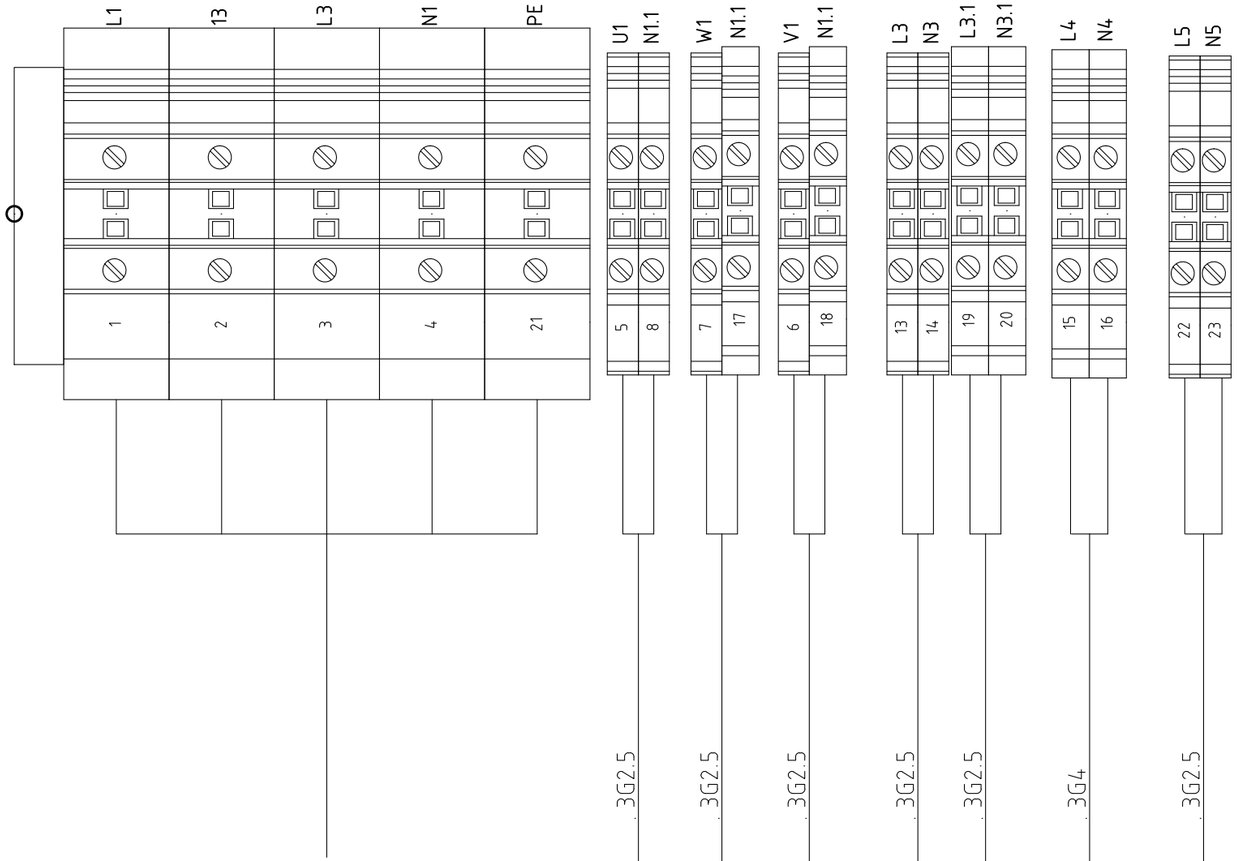
AVAILABLE SIGNAL

ROSETTI MARINO

1724000049-HV-DA-00028

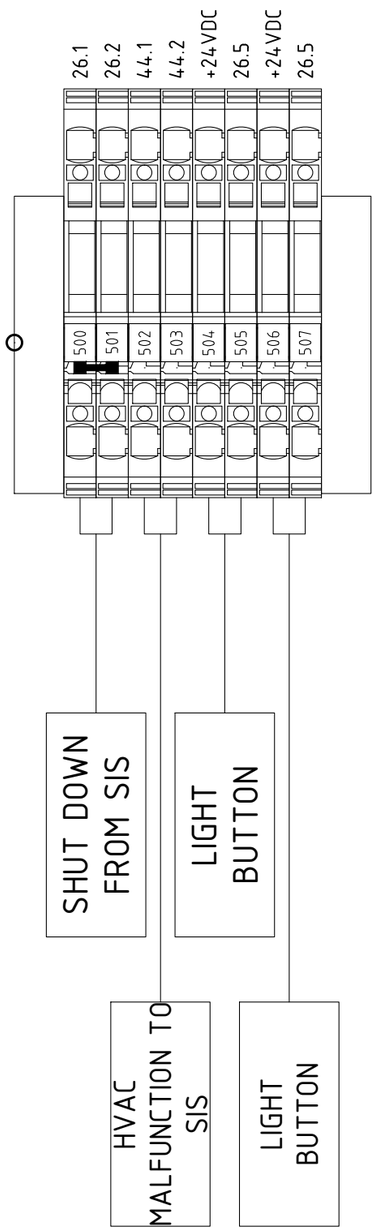
FG. 44
F.S. 45

+QG - XP1
POWER SUPPLY 1

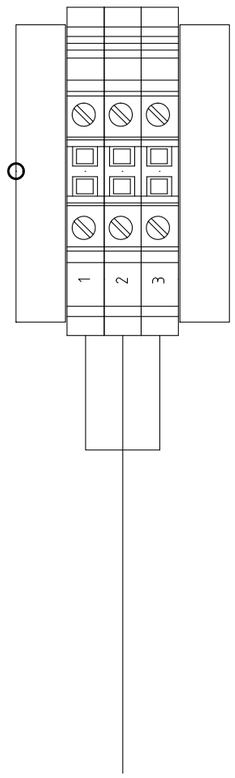


400V 3F + N + PE
50Hz
FROM LV SWITCHGEAR
SECTION 5G16
SG-200N1

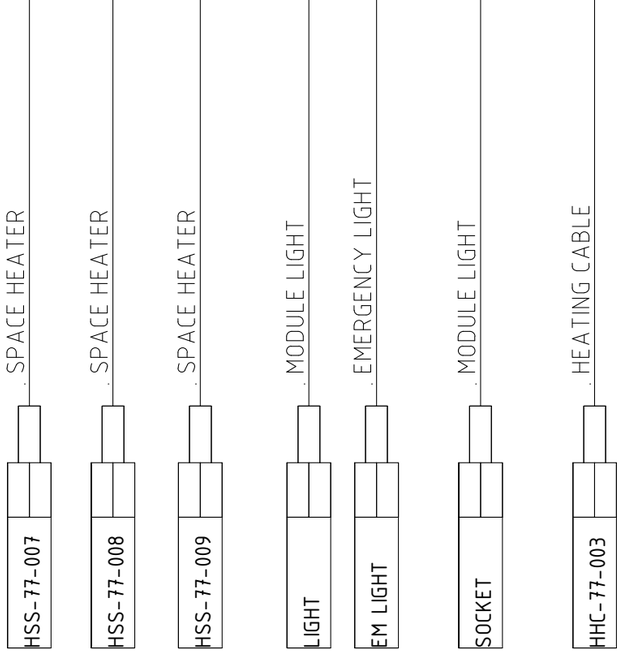
+QG - XC
COMMAND



+QG - XUPS
UPS POWER SUPPLY



230V 1F + N + PE
50Hz
UPS POWER SUPPLY
FROM AC UPS-PAS DB
SECTION 3G4
DP200-F3



REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
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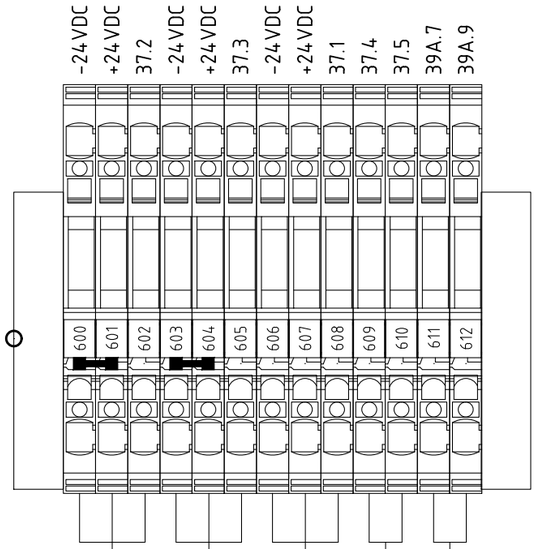
BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
TERMINAL STRIP

ROSETTI MARINO

1724000049-HV-DA-00028

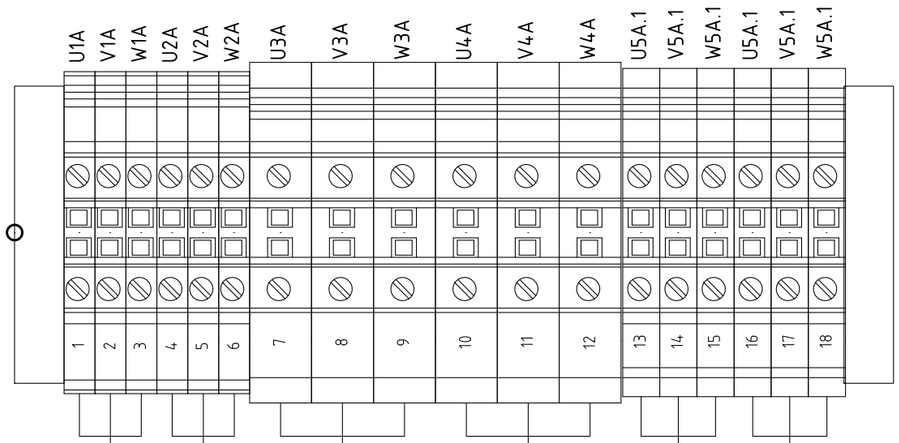
FG. 45
F.S. 46

+QG - XT
TRASMITTER



3X1.5+Sh FG16OH2M16 — TEMPERATURE TRANSMITTER — 77-TT-301
3X1.5+Sh FG16OH2M16 — TEMPERATURE TRANSMITTER — 77-TT-302
3X1.5+Sh FG16OH2M16 — TEMPERATURE TRANSMITTER — 77-PT-301
2X1.5+SH — TEMPERATURE TRANSMITTER — 77-TT-303
2X1.5+SH — TEMPERATURE TRANSMITTER — 77-TT-304

+QG - XM1
MOTOR 1



4G2.5 FG16OM16 — PRESSURIZING FAN (U1A V1A W1A)
4G2.5 FG16OM16 — SUPPLY FAN (U2A V2A W2A)
4G10 FG16OM16 — COMPRESSOR (U3A V3A W3A)
4G10 FG16OM16 — ELECTRICAL HEATER (U4A V4A W4A)
4G2.5 FG16OM16 — CONDENSER FAN 1 (U5A V5A W5A)
4G2.5 FG16OM16 — CONDENSER FAN 1 (U5A V5A W5A)

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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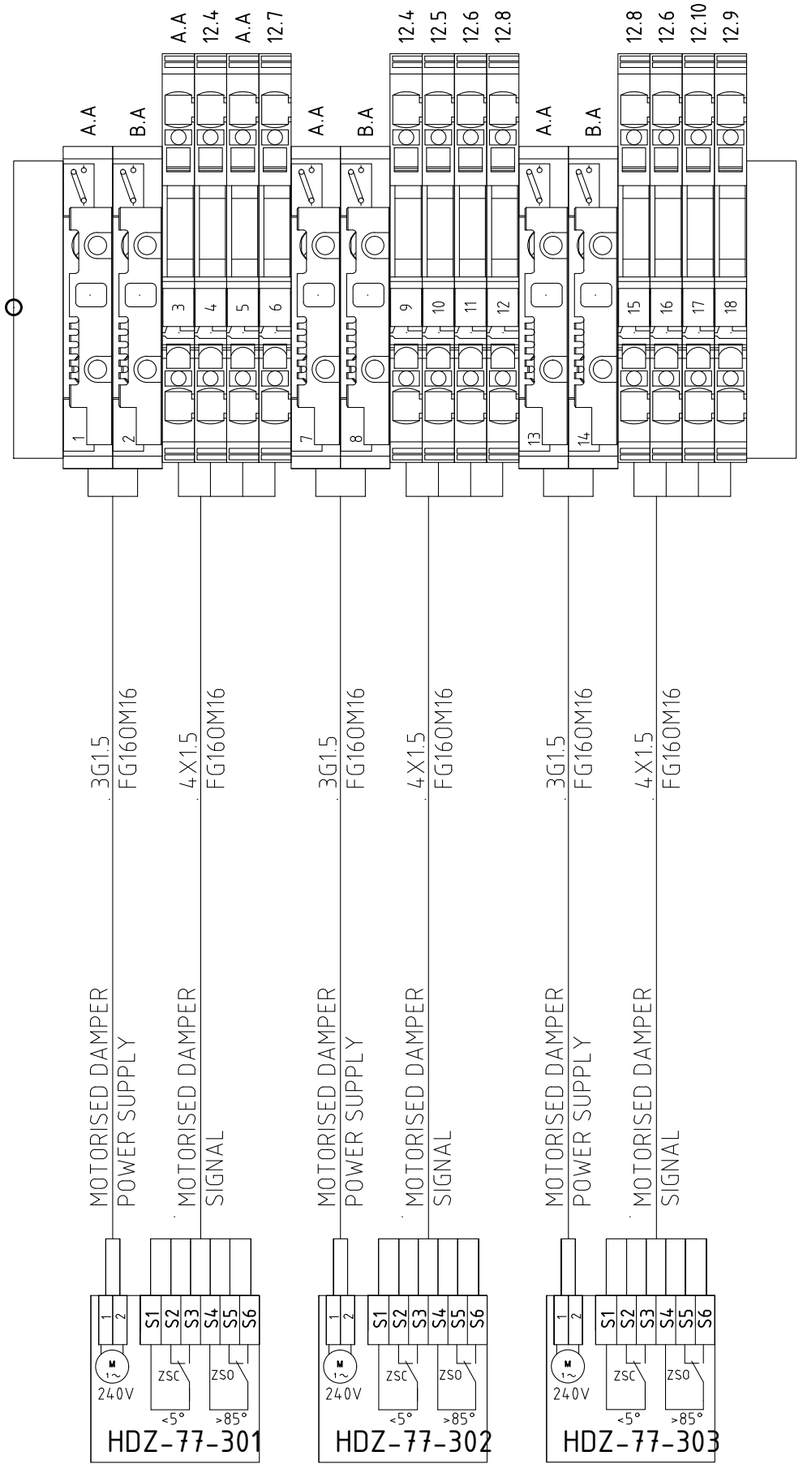
BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
TERMINAL STRIP

ROSETTI MARINO

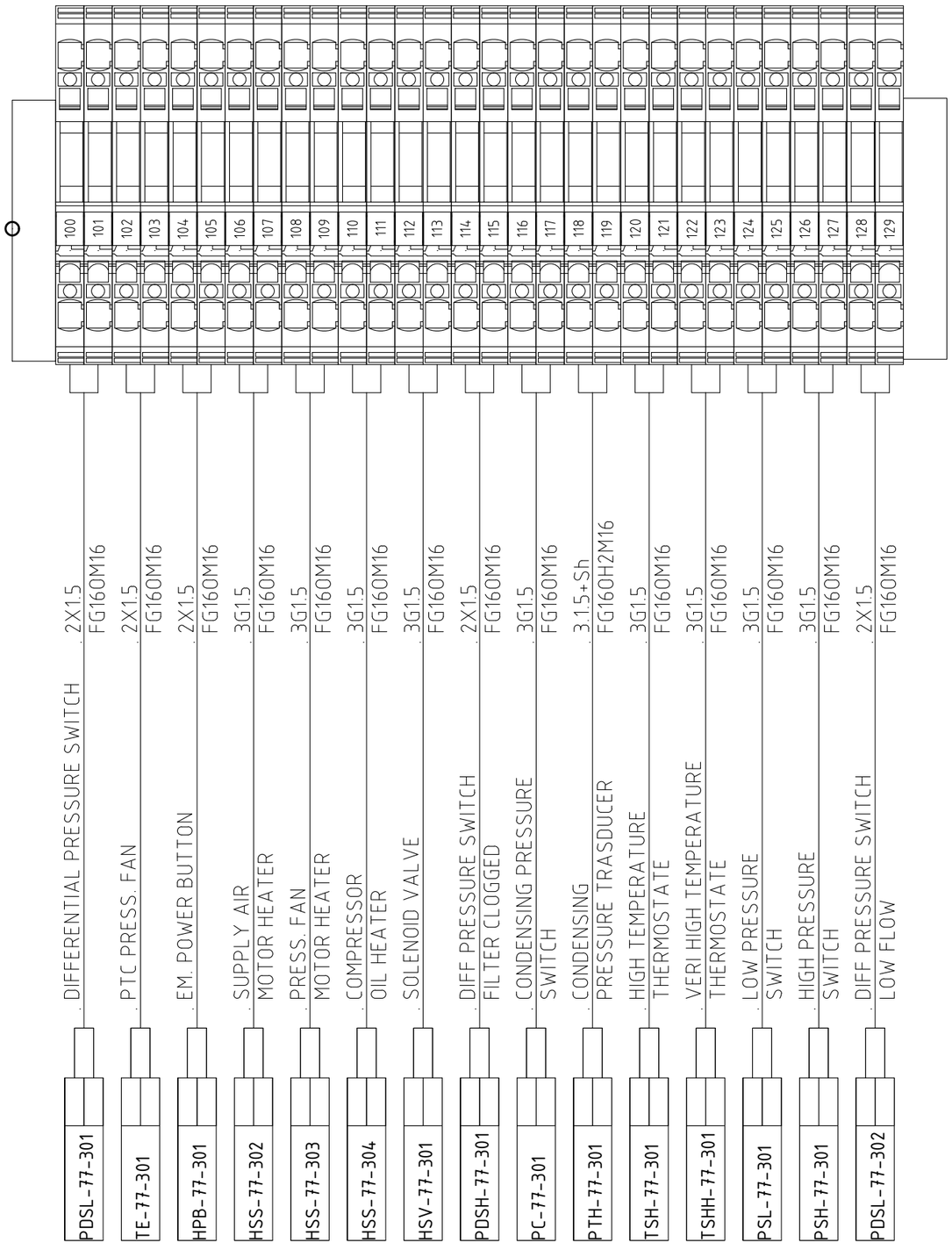
1724000049-HV-DA-00028

FG. 46
F.S. 47

+QG - XMD1
MOTORISED DAMPER 1



+QG - XA1
AUXILIARY 1



REV.	MODIFICA	DATA	FIRMA
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.

DATA	22/04/2024
DISEGN.	F.M.
VISTO	S.S.
APPR.	M.G.

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CLIENT:
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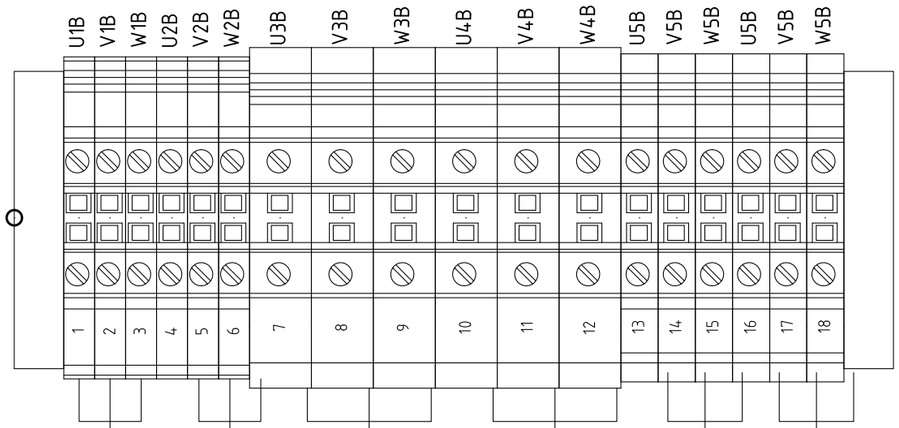
BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM
TERMINAL STRIP

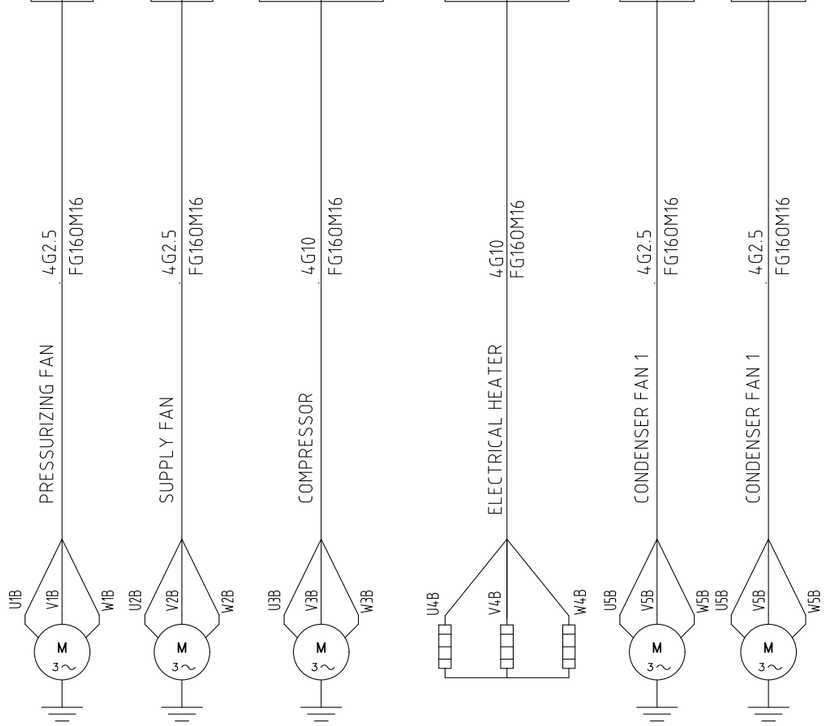
ROSETTI MARINO

1724000049-HV-DA-00028

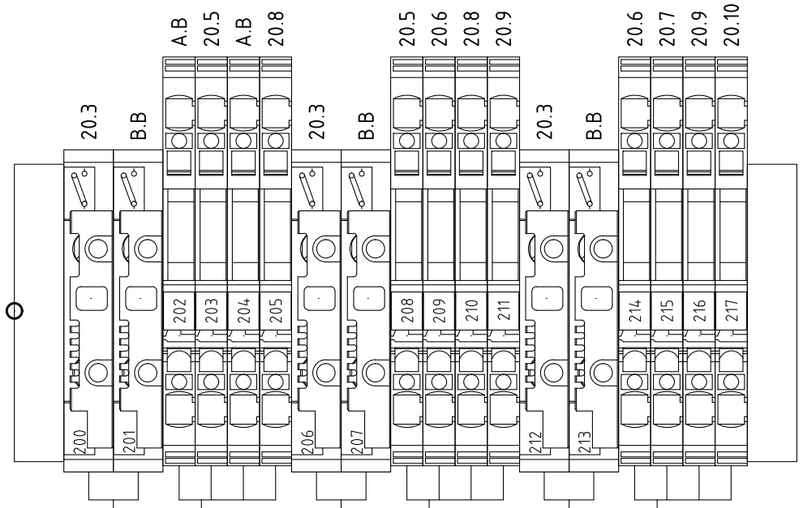
FG. 47
F.S. 48

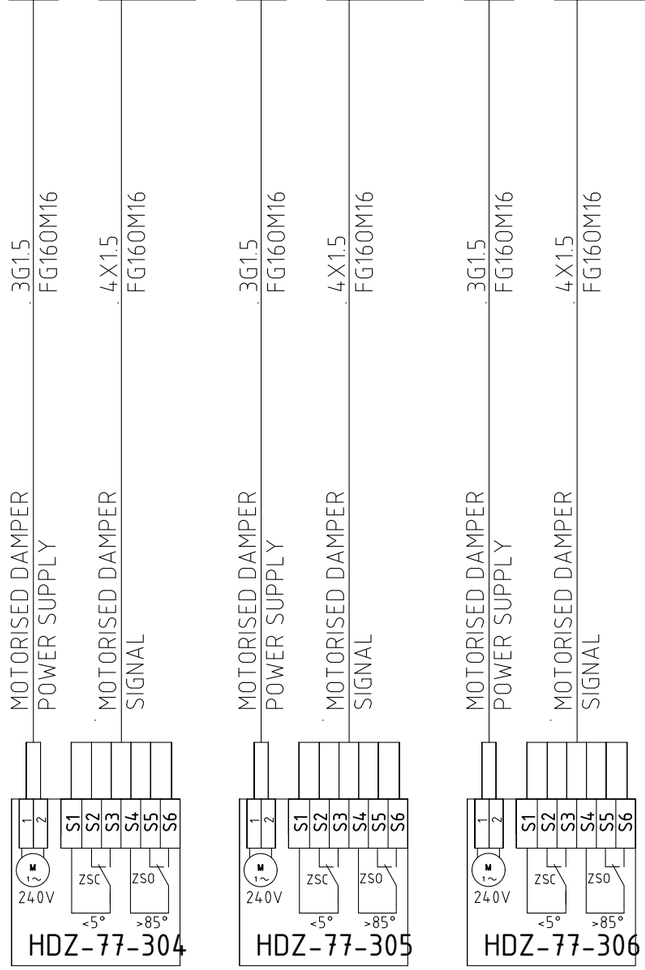
+QG - XM2
MOTOR 2





+QG - XMD2
MOTORISED DAMPER 2





REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

TERMINAL STRIP

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 48
F.S. 49

+QG - XA2
AUXILIARY 2

A.B	21.4	13.12	13.14	+24VDC	26.7	12.3	B.B	14.1	B.B	5	B.B	15.1	B.B	A.A	23.2	A.A	23.3	11.5	11.6	A.A	23.4	15.9	23.5	A.A	22.8	A.A	22.11	A.B	23.6
300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329

DIFFERENTIAL PRESSURE SWITCH	2X1.5	PDSL-77-302
PTC PRESS. FAN	FG16OM16	TE-77-302
EM. POWER BUTTON	2X1.5	HPB-77-302
SUPPLY AIR MOTOR HEATER	FG16OM16	HSS-77-306
PRESS. FAN MOTOR HEATER	3G1.5	HSS-77-307
COMPRESSOR OIL HEATER	FG16OM16	HSS-77-308
SOLENOID VALVE	3G1.5	HSV-77-302
DIFF PRESSURE SWITCH FILTER CLOGGED	FG16OM16	PDSH-77-303
CONDENSING PRESSURE SWITCH	3G1.5	PC-77-302
CONDENSING PRESSURE TRASDUCER	FG16OM16	PTH-77-302
HIGH TEMPERATURE THERMOSTATE	3G1.5+Sh	TSH-77-302
VERI HIGH TEMPERATURE THERMOSTATE	FG16OH2M16	TSHH-77-302
LOW PRESSURE SWITCH	3G1.5	PSL-77-302
HIGH PRESSURE SWITCH	FG16OM16	PSH-77-302
DIFF PRESSURE SWITCH LOW FLOW	3G1.5	PDSL-77-304
	FG16OM16	

+QG - XFD
FIRE DAMPER

+24VDC	34.2	+24VDC	34.3	+24VDC	34.4	+24VDC	34.5	+24VDC	34.6	+24VDC	34.7	+24VDC	39B.1	+24VDC	39B.2	+24VDC	39B.3	+24VDC	39B.4
700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719

SIGNAL FEEDBACK	4X1.5	HFD-77007
SIGNAL FEEDBACK	4X1.5	HFD-77008
SIGNAL FEEDBACK	4X1.5	HFD-77009
SIGNAL FEEDBACK	4X1.5	HFD-77010
SIGNAL FEEDBACK	4X1.5	HFD-77011

REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
				APPR.	M.G.

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CLIENT:
CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

TERMINAL STRIP

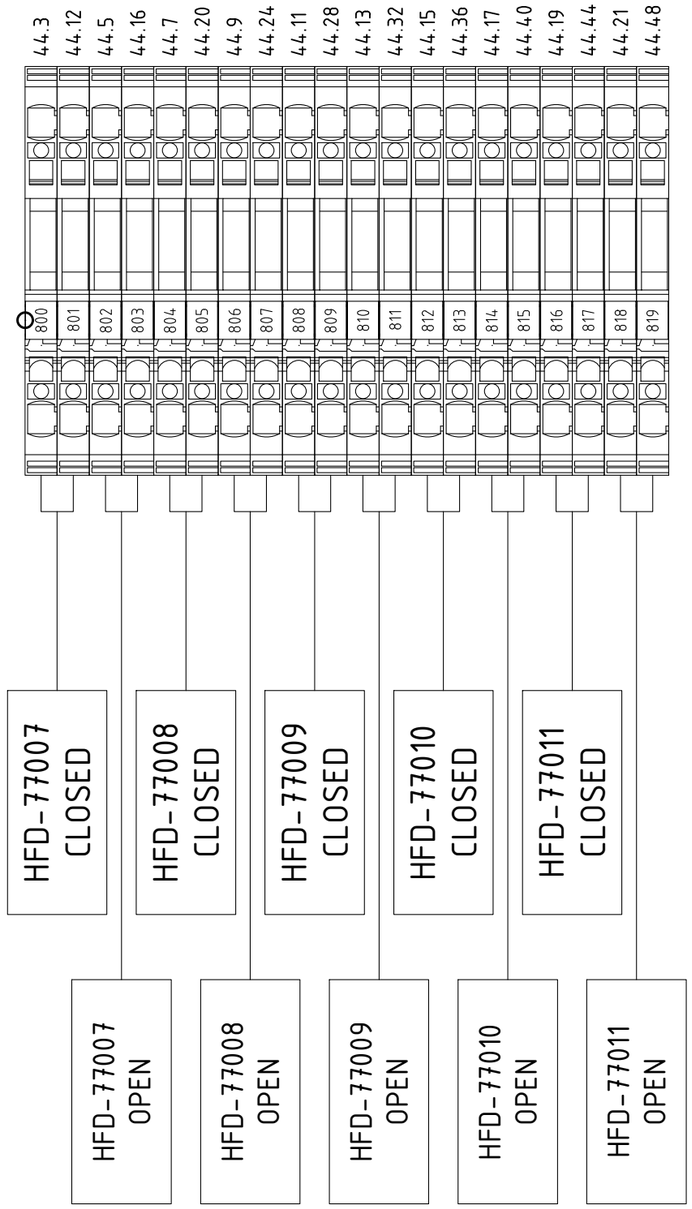
ROSETTI MARINO

1724000049-HV-DA-00028

FG. 49
F.S. 49A

+QG - XFD/S

FIRE DAMPERS SIGNAL TO SIS





MODBUS TCP/IP
CONNECTION
FROM
B400-NET-001

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

TERMINAL STRIP

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 49A
F.S. 50

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
				Hq	4	9
	R5CQE2286R	*cabinet comp. 2200x800x600 back*	*dkc*	*Hq*	4	2
	R5CPFE8100	*Modular cabinet compensation panel height 100 width 800*	*dkc*			2
	R5TOE80	*Rebate crossbar for modular doors, width 800*	*dkc*			5
	RZPCE8900	*Modular wiring panel L.800 H.900*	*dkc*			2
	RZPCE8600	*Modular wiring panel L.800 H.600*	*dkc*			2
	RZPCE8500	*Modular wiring panel L.800 H.500*	*dkc*			2
	R5CPME8900	*Solid modular cabinet door 800 width, 900 door height*	*dkc*			2
	R5CPME8600	*Solid modular cabinet door width 800, door height 600*	*dkc*			2
	R5CPME8500	*Solid modular cabinet door 800 width, 500 door height*	*dkc*			2
	RZSOE545	*Total horizontal support cabinet width 600*	*dkc*			5
	rzdoe8545	*PARTIAL HORIZONTAL PARTITION CABINET WIDTH 800 TOTAL DEPTH 545 MM*	*dkc*			5
	RZA33	*Lifting Ring*	*dkc*			1
	R5LE2262	*Side for cabinet depth 600mm height 2200mm2pcs*	*dkc*			1
	R1ZPRO801	*Flangefrontal/side H100 Length 800 2pcs*	*dkc*			2
	R1ZPRO601	*Front/side flange H100 length 600*	*dkc*			2
	R1ZCOR1	*Modular plinth corner H100 4pcs*	*dkc*			2
	RZKE65	*CQE cabinet union kit*	*dkc*			1
	rzkre65	*Flat Cooling Kit for CQE Cabinets*	*dkc*			1
	rzksre65	*L-shaped union reinforcement kit for CQE cabinets*	*dkc*			1
	RZDVE2260	*Vertical partition for QE 2200x600*	*dkc*	*Hq*	4	1
	rztse02	*Lifting brackets for CQE PZ2*	*dkc*			1
32 x 15	*PD32Z*	*Sendzimir rail 32x15x9 closed*	*Canloplast*	*Hq*	5	*6.63*
40 x 100	*E354*	*Can.cabl.40x100 SG S/4*	*Canloplast*	*Hq*	5	*9.33*
60 x 100	*E184*	*Can.Cabl.60x100 SG S/4*	*Canloplast*	*Hq*	5	*4.83*
77-TT-303				*Hq*		1
77-TT-304				*Hq*		1
A1	*6AV2124-0MC01-0AX0*	*SIMATIC HMI TP1200 Comfort. Touch control, 12" widescreen display*	*siemens*	*Hq*	40	1
A2	*6ES7155-6AU01-0CN0*	*IM 155-6 PN HF/2 V4.2 Interface Module*	*siemens*	*Hq*	41	1
	6ES7193-6AR00-0AA0	*BA 2×RJ45 (PROFINET busadapter with standard Ethernet socket for IM-PN)*	*siemens*			1
A3	*6ES7131-6BH01-0BA0*	*Digital Input Module: 16x24VDC ST*	*siemens*	*Hq*	41	1
	6ES7193-6BP00-0BA0	*Type A0 BU, 16 push-in, 2 power terminals. Separate (digital/analogue, max. 24VDC/10A)*	*siemens*			1
A4	*6ES7131-6BH01-0BA0*	*Digital Input Module: 16x24VDC ST*	*siemens*	*Hq*	41	1
	6ES7193-6BP00-0BA0	*Type A0 BU, 16 push-in, 2 power terminals. Separate (digital/analogue, max. 24VDC/10A)*	*siemens*			1
A5	*6ES7131-6BH01-0BA0*	*Digital Input Module: 16x24VDC ST*	*siemens*	*Hq*	41	1
	6ES7193-6BP00-0BA0	*Type A0 BU, 16 push-in, 2 power terminals. Separate (digital/analogue, max. 24VDC/10A)*	*siemens*			1
A6	*6ES7131-6BH01-0BA0*	*Digital Input Module: 16x24VDC ST*	*siemens*	*Hq*	41	1
	6ES7193-6BP00-0BA0	*Type A0 BU, 16 push-in, 2 power terminals. Separate (digital/analogue, max. 24VDC/10A)*	*siemens*			1
A7	*6ES7132-6BH01-0BA0*	*Digital Output Module: DQ 16x24VDC/0.5A ST*	*siemens*	*Hq*	41	1
	6ES7193-6BP00-0DA0	*Type A0 BU, 16 push-in, 2 power terminals. Separate (digital/analogue, max. 24VDC/10A)*	*siemens*			1
A8	*6ES7134-6HD01-0BA1*	*Analog Input Module: AI 4XU/I 2-Wire ST*	*siemens*	*Hq*	41	1
	6ES7193-6BP00-0DA0	*Type A0 BU, 16 push-in, 2 power terminals. Separate (digital/analogue, max. 24VDC/10A)*	*siemens*			1
A9	*6ES7135-6HD00-0BA1*	*Analog Output Module: AQ 4XU/I ST*	*siemens*	*Hq*	41	1
	6ES7193-6BP00-0DA0	*Type A0 BU, 16 push-in, 2 power terminals. Separate (digital/analogue, max. 24VDC/10A)*	*siemens*			1
A10	*6ES7135-6HD00-0BA1*	*Analog Output Module: AQ 4XU/I ST*	*siemens*	*Hq*	41	1

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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CLIENT:
CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

MATERIAL LIST
LISTA METERIALI

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 50
F.S. 51

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
A10	*6ES7193-6BP00-0BA0*	*Type A0 BU, 16 push-in, 2 power terminals. Separate (digital/analogue, max. 24VDC/10A)*	*siemens*	*Hq*	41	1
A11	*6ES7134-6HD01-0BA1*	*Analog Input Module: AI 4XU/I 2-Wire ST*	*siemens*	*Hq*	41	1
	6ES7193-6BP00-0DA0	*Type A0 BU, 16 push-in, 2 power terminals. Separate (digital/analogue, max. 24VDC/10A)*	*siemens*			1
A12	*6GK5208-0BA00-2AC2*	*XC208 Managed Switch with 8 RJ45 100Mbit/s Ports*	*siemens*	*Hq*	41	1
A13	*6ES7131-6BH01-0BA0*	*Digital Input Module: 16x24VDC ST*	*siemens*	*Hq*	41	1
	6ES7193-6BP00-0DA0	*Type A0 BU, 16 push-in, 2 power terminals. Separate (digital/analogue, max. 24VDC/10A)*	*siemens*			1
D1	*6ES7513-1RM03-0AB0*	*CPU 1513R-1PN*	*siemens*	*Hq*	40	1
	6ES7954-8LF02-0AA0	*Memory card, 24 MB*	*siemens*			1
	6ES7590-1AB60-0AA0	*Profile rail S7-1500, 160 mm*	*siemens*			1
D2	*6ES7513-1RM03-0AB0*	*CPU 1513R-1PN*	*siemens*	*Hq*	40	1
	6ES7954-8LF02-0AA0	*Memory card, 24 MB*	*siemens*			1
	6ES7590-1AB60-0AA0	*Profile rail S7-1500, 160 mm*	*siemens*			1
EM LIGHT				*Hq*		1
EPB-002L	*3SU1401-1BH20-1AA0*	*Red LED module for mounting on front plate, 24 ... 240 V AC/DC. Screw terminals*	*siemens*	*Hq*	26	1
F1		*docker*		*Hq*	*7th*	1
F2		*docker*		*Hq*	*7th*	1
F3		*docker*		*Hq*	*7th*	1
F4		*docker*		*Hq*	*7th*	1
FU42.1	*SF900GR*	*SFR.4/GR Sectionable clamp*	*Cabur*	*Hq*	42	1
FU43.1	*SF900GR*	*SFR.4/GR Sectionable clamp*	*Cabur*	*Hq*	43	1
GD1	*6EP1336-3BA10*	*Sitop PSU8200 Single Phase, DC 24 V/20 A. Stabilized Power Supply Input: AC 120...230 V/DC 110-220 V, Output: DC 24 V/20 A*	*siemens*	*Hq*	25	1
HFD-77007		*NC Limit Switch*		*Hq*	*26th*	1
HFD-77007		*Limit Switch: No*		*Hq*	*26th*	1
HFD-77007				*Hq*	49	1
HFD-77008		*NC Limit Switch*		*Hq*	*26th*	1
HFD-77008		*Limit Switch: No*		*Hq*	*26th*	1
HFD-77008				*Hq*	49	1
HFD-77009		*NC Limit Switch*		*Hq*	*26th*	1
HFD-77009		*Limit Switch: No*		*Hq*	*26th*	1
HFD-77009				*Hq*	49	1
HFD-77010		*NC Limit Switch*		*Hq*	*26th*	1
HFD-77010		*Limit Switch: No*		*Hq*	*26th*	1
HFD-77010				*Hq*	49	1
HFD-77011		*NC Limit Switch*		*Hq*	*26th*	1
HFD-77011		*Limit Switch: No*		*Hq*	*26th*	1
HFD-77011				*Hq*	49	1
HL8.1	*3SU1001-6AA60-0AA0*	*Indicator light with smooth lens, white*	*siemens*	*Hq*	8	1
	3SU1401-1BH60-1AA0	*White LED module for mounting on front plate, 24 ... 240 V AC/DC. Screw terminals*	*siemens*			1
	3su1500-0aa10-0aa0	*Support without module. plastic*	*siemens*			1
HL16.1	*3SU1001-6AA60-0AA0*	*Indicator light with smooth lens, white*	*siemens*	*Hq*	16	1
	3SU1401-1BH60-1AA0	*White LED module for mounting on front plate, 24 ... 240 V AC/DC. Screw terminals*	*siemens*			1
	3su1500-0aa10-0aa0	*Support without module. plastic*	*siemens*			1
HL24.1	*3SU1001-6AA60-0AA0*	*Indicator light with smooth lens, white*	*siemens*	*Hq*	24	1
	3SU1401-1BH60-1AA0	*White LED module for mounting on front plate, 24 ... 240 V AC/DC. Screw terminals*	*siemens*			1

REV.	MODIFICA	DATA	FIRMA
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.

DATA	22/04/2024
DISEGN.	F.M.
VISTO	S.S.
APPR.	M.G.

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

MATERIAL LIST
LISTA METERIALI

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 51
F.S. 52

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
HL24.1	*3su1500-0aa10-0aa0*	*Support without module. plastic*	*siemens*	*Hq*	24	1
HL25.1	*3SU1001-6AA60-0AA0*	*Indicator light with smooth lens, white*	*siemens*	*Hq*	25	1
	3SU1401-1BH60-1AA0	*White LED module for mounting on front plate, 24 ... 240 V AC/DC. Screw terminals*	*siemens*			1
	3su1500-0aa10-0aa0	*Support without module. plastic*	*siemens*			1
HPB-77-303	*3su1900-0dy30-0aa0*	*Protective collar for merge button, plastic, yellow, 22mm hole*	*siemens*	*Hq*	26	1
	3SU1001-1HB20-0AA0	*Emergency stop mushroom pushbutton, illuminatable, twist release, 40 mm diameter, 2 positions*	*siemens*			1
	3su1500-0aa10-0aa0	*Support without module. plastic*	*siemens*			1
	3SU1401-1BH20-1AA0	*Red LED module for mounting on front plate, 24 ... 240 V AC/DC. Screw terminals*	*siemens*			1
HR-1A	*GRP-H-25-48-D-1-0000*	*Static power slave unit for load control, logic/analog control. Maximum current 25A.*	*Gefran*	*Hq*	42	1
HR-1B	*GRP-H-25-48-D-1-0000*	*Static power slave unit for load control, logic/analog control. Maximum current 25A.*	*Gefran*	*Hq*	42	1
HR-1C	*GRM-H-25-48-AN-OL-00000*	*Static power master unit for load control, logic/analog control. Maximum current 25A.*	*Gefran*	*Hq*	42	1
HR-2A	*GRP-H-25-48-D-1-0000*	*Static power slave unit for load control, logic/analog control. Maximum current 25A.*	*Gefran*	*Hq*	43	1
HR-2B	*GRP-H-25-48-D-1-0000*	*Static power slave unit for load control, logic/analog control. Maximum current 25A.*	*Gefran*	*Hq*	43	1
HR-2C	*GRM-H-25-48-AN-OL-00000*	*Static power master unit for load control, logic/analog control. Maximum current 25A.*	*Gefran*	*Hq*	43	1
HSS-77-007				*Hq*		1
HSS-77-008				*Hq*		1
HSS-77-009				*Hq*		1
KA8.1	*EPN520*	*Stepper Relay 16A 230V 2NA 1M*	*Hager*	*Hq*	8	1
KA9.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	9	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI*	*Finder*			1
		Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable				
		Protection category: RT I. OPTIO				
KA11.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	11	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI*	*Finder*			1
		Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable				
		Protection category: RT I. OPTIO				
KA12.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	12	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI*	*Finder*			1
		Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable				
		Protection category: RT I. OPTIO				
KA12.2	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	12	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI*	*Finder*			1
		Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable				
		Protection category: RT I. OPTIO				
KA12.3	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	12	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

MATERIAL LIST
LISTA METERIALI

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 52
F.S. 53

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
KA12.3	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*	*Hq*	12	1
KA13.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	13	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA13.2	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	13	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA13.3	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	13	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA14.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	14	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA14.2	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	14	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA15.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	15	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA15.2	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	15	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
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MATERIAL LIST
LISTA METERIALI

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 53
F.S. 54

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
KA15.3	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	15	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI*	*Finder*			1
		Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable				
		Protection category: RT I. OPTIO				
KA15.4	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	15	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI*	*Finder*			1
		Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable				
		Protection category: RT I. OPTIO				
KA17.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	17	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI*	*Finder*			1
		Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable				
		Protection category: RT I. OPTIO				
KA19.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	19	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI*	*Finder*			1
		Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable				
		Protection category: RT I. OPTIO				
KA20.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	20	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI*	*Finder*			1
		Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable				
		Protection category: RT I. OPTIO				
KA20.2	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	20	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI*	*Finder*			1
		Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable				
		Protection category: RT I. OPTIO				
KA20.3	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	20	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI*	*Finder*			1
		Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable				
		Protection category: RT I. OPTIO				
KA21.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20*	*Finder*	*Hq*	21	1
		Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC				
	094913	*Latching and unhooking jumper*	*Finder*			1

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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CLIENT:
CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

MATERIAL LIST
LISTA METERIALI

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 54
F.S. 55

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
KA21.1	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*	*Hq*	21	1
KA21.2	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	21	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA21.3	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	21	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA22.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	22	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA22.2	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	22	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA23.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	23	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA23.2	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	23	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA23.3	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	23	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

MATERIAL LIST
LISTA METERIALI

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 55
F.S. 56

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
KA23.4	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	23	1
	094913	*Latching and unhooking jumper*	*Finder*			1
	553482300054	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in fitting Power supply: AC volt AC: 230 V. Non-polarized monostable Protection category: RT I. OPTIO*	*Finder*			1
KA26.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	26	1
	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1
KA26.2	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	26	1
	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1
KA26A.1	465290240040	*mini relay. (A): 8 N° Contacts: 2 Contact configuration: CO Material Contacts: AGNI Electrical connection: plug-in fitting Power supply: DC Volt DC: 24 V. Non-polarized Monostable Protection category: RT II. Optional: PU*	*Finder*	*Hq*	*26th*	1
	9702spa	*Plinth with socket terminals Mounting: 35 mm blind bar (A): 8 Degree of protection: IP 20 Accessories: plastic or metal jumper, 8-pole comb, EMC signalling and protection modules, timer modules*	*Finder*			1
KA26A.2	465290240040	*mini relay. (A): 8 N° Contacts: 2 Contact configuration: CO Material Contacts: AGNI Electrical connection: plug-in fitting Power supply: DC Volt DC: 24 V. Non-polarized Monostable Protection category: RT II. Optional: PU*	*Finder*	*Hq*	*26th*	1
	9702spa	*Plinth with socket terminals Mounting: 35 mm blind bar (A): 8 Degree of protection: IP 20 Accessories: plastic or metal jumper, 8-pole comb, EMC signalling and protection modules, timer modules*	*Finder*			1
KA26A.3	465290240040	*mini relay. (A): 8 N° Contacts: 2 Contact configuration: CO Material Contacts: AGNI Electrical connection: plug-in fitting Power supply: DC Volt DC: 24 V. Non-polarized Monostable Protection category: RT II. Optional: PU*	*Finder*	*Hq*	*26th*	1
	9702spa	*Plinth with socket terminals Mounting: 35 mm blind bar (A): 8 Degree of protection: IP 20 Accessories: plastic or metal jumper, 8-pole comb, EMC signalling and protection modules, timer modules*	*Finder*			1
KA26A.4	465290240040	*mini relay. (A): 8 N° Contacts: 2 Contact configuration: CO Material Contacts: AGNI Electrical connection: plug-in fitting Power supply: DC Volt DC: 24 V. Non-polarized Monostable Protection category: RT II. Optional: PU*	*Finder*	*Hq*	*26th*	1
	9702spa	*Plinth with socket terminals Mounting: 35 mm blind bar (A): 8 Degree of protection: IP 20 Accessories: plastic or metal jumper, 8-pole comb, EMC signalling and protection modules, timer modules*	*Finder*			1
KA26A.5	465290240040	*mini relay. (A): 8 N° Contacts: 2 Contact configuration: CO Material Contacts: AGNI Electrical connection: plug-in fitting Power supply: DC Volt DC: 24 V. Non-polarized Monostable Protection category: RT II. Optional: PU*	*Finder*	*Hq*	*26th*	1
	9702spa	*Plinth with socket terminals Mounting: 35 mm blind bar (A): 8 Degree of protection: IP 20 Accessories: plastic or metal jumper, 8-pole comb, EMC signalling and protection modules, timer modules*	*Finder*			1

REV.	MODIFICA	DATA	FIRMA	APPR.	
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
				APPR.	M.G.

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

MATERIAL LIST
LISTA METERIALI

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 56
F.S. 57

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
KA26A.6	465290240040	*mini relay. (A): 8 N° Contacts: 2 Contact configuration: CO Material Contacts: AGNI Electrical connection: plug-in fitting Power supply: DC Volt DC: 24 V. Non-polarized Monostable Protection category: RT II. Optional: PU*	*Finder*	*Hq*	*26th*	1
	9702spa	*Plinth with socket terminals Mounting: 35 mm blind bar (A): 8 Degree of protection: IP 20 Accessories: plastic or metal jumper, 8-pole comb, EMC signalling and protection modules, timer modules*	*Finder*			1
KA26A.7	465290240040	*mini relay. (A): 8 N° Contacts: 2 Contact configuration: CO Material Contacts: AGNI Electrical connection: plug-in fitting Power supply: DC Volt DC: 24 V. Non-polarized Monostable Protection category: RT II. Optional: PU*	*Finder*	*Hq*	*26th*	1
	9702spa	*Plinth with socket terminals Mounting: 35 mm blind bar (A): 8 Degree of protection: IP 20 Accessories: plastic or metal jumper, 8-pole comb, EMC signalling and protection modules, timer modules*	*Finder*			1
KA26A.8	465290240040	*mini relay. (A): 8 N° Contacts: 2 Contact configuration: CO Material Contacts: AGNI Electrical connection: plug-in fitting Power supply: DC Volt DC: 24 V. Non-polarized Monostable Protection category: RT II. Optional: PU*	*Finder*	*Hq*	*26th*	1
	9702spa	*Plinth with socket terminals Mounting: 35 mm blind bar (A): 8 Degree of protection: IP 20 Accessories: plastic or metal jumper, 8-pole comb, EMC signalling and protection modules, timer modules*	*Finder*			1
KA26A.9	465290240040	*mini relay. (A): 8 N° Contacts: 2 Contact configuration: CO Material Contacts: AGNI Electrical connection: plug-in fitting Power supply: DC Volt DC: 24 V. Non-polarized Monostable Protection category: RT II. Optional: PU*	*Finder*	*Hq*	*26th*	1
	9702spa	*Plinth with socket terminals Mounting: 35 mm blind bar (A): 8 Degree of protection: IP 20 Accessories: plastic or metal jumper, 8-pole comb, EMC signalling and protection modules, timer modules*	*Finder*			1
KA26A.10	465290240040	*mini relay. (A): 8 N° Contacts: 2 Contact configuration: CO Material Contacts: AGNI Electrical connection: plug-in fitting Power supply: DC Volt DC: 24 V. Non-polarized Monostable Protection category: RT II. Optional: PU*	*Finder*	*Hq*	*26th*	1
	9702spa	*Plinth with socket terminals Mounting: 35 mm blind bar (A): 8 Degree of protection: IP 20 Accessories: plastic or metal jumper, 8-pole comb, EMC signalling and protection modules, timer modules*	*Finder*			1
KA30.1	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*	*Hq*	35	1
	9404spa	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1
KA30.3	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*	*Hq*	35	1
	9404spa	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1
KA30.4	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*	*Hq*	35	1
	9404spa	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

MATERIAL LIST
LISTA METERIALI

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 57
F.S. 58

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
KA30.5	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*	*Hq*	35	1
	9404spa	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1
KA30.6	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*	*Hq*	35	1
	9404spa	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1
KA30.7	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*	*Hq*	36	1
	9404spa	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1
KA30.8	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*	*Hq*	36	1
	9404spa	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1
KA30.9	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*	*Hq*	35	1
	9404spa	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1
KA37.1	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*	*Hq*	36	1
	9404spa	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1
KA37.2	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*	*Hq*	36	1
	9404spa	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1
KA42.1	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*	*Hq*	42	1

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
KA42.1	*9404spa*	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*	*Hq*	42	1
	094913	*Latching and unhooking jumper*	*Finder*			1
KA43.1	553490240040	*industrial relay. (A): 7 No. of contacts: 4 Contact configuration: CO Contact material: AGNI Electrical connection: Push-in connection Power supply: DC volts DC: 24 V. Non-polarized monostable Protection category: RT I. Option*	*Finder*	*Hq*	43	1
	9404spa	*Socket with socket clamps Mounting: Blind bar 35 mm (H): 10 Degree of protection: IP 20 Accessories: metal or plastic jumper, 6-pole comb, timer modules, signaling modules and EMC*	*Finder*			1
	094913	*Latching and unhooking jumper*	*Finder*			1
KM1	*3RT2316-1BB40*	*Contactor, 4 NO, AC-1: 18 to 24 V DC, 4-pole, 4 NO, size S00, screw terminals*	*siemens*	*Hq*	26	1
	3RH29111HA22	*Bloc.Aus.2L 2R 1L,1L,S00/S0,*	*siemens*			1
KM2A	*3RT2015-1AP01*	*Power contactor, AC-3 7 A, 3 kW / 400 V 1 NO, 230 V AC, 50 / 60 Hz 3 poles, size S00 Screw terminals*	*siemens*	*Hq*	13	1
	3RH29111HA22	*Bloc.Aus.2L 2R 1L,1L,S00/S0,*	*siemens*			1
KM2B	*3RT2015-1AP01*	*Power contactor, AC-3 7 A, 3 kW / 400 V 1 NO, 230 V AC, 50 / 60 Hz 3 poles, size S00 Screw terminals*	*siemens*	*Hq*	21	1
	3RH29111HA22	*Bloc.Aus.2L 2R 1L,1L,S00/S0,*	*siemens*			1
KM3A	*3RT20261AN20*	*cont.11kw,1L 1R,AC 220V 50/60Hz,S0 VT*	*siemens*	*Hq*	14	1
	3RH29111HA22	*Bloc.Aus.2L 2R 1L,1L,S00/S0,*	*siemens*			1
KM3B	*3RT20261AN20*	*cont.11kw,1L 1R,AC 220V 50/60Hz,S0 VT*	*siemens*	*Hq*	22	1
	3RH29111HA22	*Bloc.Aus.2L 2R 1L,1L,S00/S0,*	*siemens*			1
KT11.1	*dtmsmm1*	*Temporised Relay 1 C 230V*	*Microidea*	*Hq*	12	1
KT13.1	*dtmsmm1*	*Temporised Relay 1 C 230V*	*Microidea*	*Hq*	13	1
KT14.1	*dtmsmm1*	*Temporised Relay 1 C 230V*	*Microidea*	*Hq*	14	1
KT14.2	*dtmsmm1*	*Temporised Relay 1 C 230V*	*Microidea*	*Hq*	14	1
KT20.1	*dtmsmm1*	*Temporised Relay 1 C 230V*	*Microidea*	*Hq*	20	1
KT21.1	*dtmsmm1*	*Temporised Relay 1 C 230V*	*Microidea*	*Hq*	21	1
KT22.1	*dtmsmm1*	*Temporised Relay 1 C 230V*	*Microidea*	*Hq*	22	1
KT22.2	*dtmsmm1*	*Temporised Relay 1 C 230V*	*Microidea*	*Hq*	22	1
LIGHT				*Hq*		1
MTP-001A	*3RN2000-1AW30*	*Motor protection relay for PTC thermistor supervision 24/240 V AC/DC 1 changeover contact*	*siemens*	*Hq*	13	1
MTP-001B	*3RN2000-1AW30*	*Motor protection relay for PTC thermistor supervision 24/240 V AC/DC 1 changeover contact*	*siemens*	*Hq*	21	1
MVA-1	*DMG600*	*multimeter with icon-based LCD*	*Lovato*	*Hq*	6	1
PDSL-77-303		*pressure-controlled (pressure switch) NC*		*Hq*	15	1
PDSL-77-304		*pressure-controlled (pressure switch) NC*		*Hq*	23	1
PF8.1	*GSV1000220*	*Panel Fan 100x100 230V 24m³/h*	*Cosmotec*	*Hq*	8	1
	GSF10	*air intake filter 100x100*	*Cosmotec*			1
PF16.1	*GSF10*	*air intake filter 100x100*	*Cosmotec*	*Hq*	16	1
	GSV1000220	*Panel Fan 100x100 230V 24m³/h*	*Cosmotec*			1
PF24.1	*GSV1000220*	*Panel Fan 100x100 230V 24m³/h*	*Cosmotec*	*Hq*	24	1
	GSF10	*air intake filter 100x100*	*Cosmotec*			1
PFT8.1	*007026.00001*	*Thermostate Panel Fan*	*Fandis*	*Hq*	8	1
PFT16.1	*007026.00001*	*Thermostate Panel Fan*	*Fandis*	*Hq*	16	1
PFT24.1	*007026.00001*	*Thermostate Panel Fan*	*Fandis*	*Hq*	24	2
PH8.1	*050ra50*	*Anticondensing Heater 230V 50W*	*New Elfin*	*Hq*	8	1
PH16.1	*050ra50*	*Anticondensing Heater 230V 50W*	*New Elfin*	*Hq*	16	1
PH24.1	*050ra50*	*Anticondensing Heater 230V 50W*	*New Elfin*	*Hq*	24	1

REV.	MODIFICA	DATA	FIRMA
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.

DATA	22/04/2024
DISEGN.	F.M.
VISTO	S.S.
APPR.	M.G.

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CLIENT:
CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

MATERIAL LIST
LISTA METERIALI

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 59
F.S. 60

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
PHT8.1	*007038.00001*	*Antcondensing Thermostat 230V*	*Fandis*	*Hq*	8	1
PHT16.1	*007038.00001*	*Antcondensing Thermostat 230V*	*Fandis*	*Hq*	16	1
PHT24.1	*007038.00001*	*Antcondensing Thermostat 230V*	*Fandis*	*Hq*	24	1
PL8.1	*050PEL3C*	*230V lamp*	*New Elfin*	*Hq*	8	1
	050kfm	*Magnet kit*	*New Elfin*			1
PL16.1	*050PEL3C*	*230V lamp*	*New Elfin*	*Hq*	16	1
	050kfm	*Magnet kit*	*New Elfin*			1
PL24.1	*050PEL3C*	*230V lamp*	*New Elfin*	*Hq*	24	1
	050kfm	*Magnet kit*	*New Elfin*			1
PL25.1	*050PEL3C-24V*	*LED Linear Ceiling Light 24V AC/DC, 600LM 368mm*	*New Elfin*	*Hq*	25	1
	050kfm	*Magnet kit*	*New Elfin*			1
PLS8.1	*RAMC05*	*Micro Door Opening Switch 1 No & 1NC*	*dkc*	*Hq*	8	1
PLS16.1	*RAMC05*	*Micro Door Opening Switch 1 No & 1NC*	*dkc*	*Hq*	16	1
PLS24.1	*RAMC05*	*Micro Door Opening Switch 1 No & 1NC*	*dkc*	*Hq*	24	2
PLS25.1	*RAMC05*	*Micro Door Opening Switch 1 No & 1NC*	*dkc*	*Hq*	25	1
QF1	*5SU1354-1KK10*	*Residual current circuit breaker, 10 kA, 1P N, AC type, 30 mA, C, IN: 10 A, UN AC: 230 V*	*siemens*	*Hq*	*7th*	1
	5ST3010	*Auxiliary contact block, 1 NO 1 NC for 5SL, 5SY, 5SP circuit breaker*	*siemens*			1
QF1A	*5SY7506-7*	*Circuit breaker 230 V 15KA, 1P N, C, 6 A, D=70 mm*	*siemens*	*Hq*	10	1
	5ST3010	*Auxiliary contact block, 1 NO 1 NC for 5SL, 5SY, 5SP circuit breaker*	*siemens*			1
QF1B	*5SY7506-7*	*Circuit breaker 230 V 15KA, 1P N, C, 6 A, D=70 mm*	*siemens*	*Hq*	18	1
	5ST3010	*Auxiliary contact block, 1 NO 1 NC for 5SL, 5SY, 5SP circuit breaker*	*siemens*			1
QF2	*5SU1354-1KK16*	*RCD, 10 kA, 1P N, AC type, 30 mA, C, IN: 16 A, UN AC: 230 V*	*siemens*	*Hq*	*7th*	1
	5ST3010	*Auxiliary contact block, 1 NO 1 NC for 5SL, 5SY, 5SP circuit breaker*	*siemens*			1
QF3	*5SY7502-7*	*Circuit breaker 230 V 15KA, 1P N, C, 2 A, D=70 mm*	*siemens*	*Hq*	7	1
	5ST3010	*Auxiliary contact block, 1 NO 1 NC for 5SL, 5SY, 5SP circuit breaker*	*siemens*			1
QF4	*5SY7503-7*	*Circuit breaker 230 V 15Ka, 1P N, C, 3 A, D=70 mm*	*siemens*	*Hq*	25	1
QF5	*5SY5220-7*	*Universal current circuit breaker 440 V DC - 400 V AC 10Ka, 2P, C, 20 A*	*siemens*	*Hq*	25	1
QF6	*5su1354-1kk06*	*RCD, 10 kA, 1P N, AC Type, 30 mA, C, In: 6 A, One AC: 230 V*	*siemens*	*Hq*	*7th*	1
	5ST3010	*Auxiliary contact block, 1 NO 1 NC for 5SL, 5SY, 5SP circuit breaker*	*siemens*			1
QF400	*5SY74027*	*Int. MT 4P C2 ICN 15KA, ICU 50KA*	*siemens*	*Hq*	6	1
QFA	*3VA1125-4GF42-0AA0*	*Switch 3VA1 IEC Chassis 160 Switching Capacity Class S ICU=36 KA 415 V 4-pole, TM240 system protection, ATAM, IN=25 A overload protection IR=18 A... 25 A Short-Circuit Protection II=6.4...12.8 x in N-Conductor Protection 100% LU terminal*	*siemens*	*Hq*	6	1
	3VA9157-0FK21	*com. rinv. Door Lock x 3VA10/1 STD*	*siemens*			1
	3VA9988-0BL30	*bobsleigh. Launch SIN 24VAC 50/60 Hz/12-30 VDC*	*siemens*			1
	3VA9988-0AA11	*Cont. HP-type status*	*siemens*			1
	3VA9111-0WD40	*Cover x 3VA10/1 4P 1pcs.*	*siemens*			2
QFB	*3VA1125-4GF42-0AA0*	*Switch 3VA1 IEC Chassis 160 Switching Capacity Class S ICU=36 KA 415 V 4-pole, TM240 system protection, ATAM, IN=25 A overload protection IR=18 A... 25 A Short-Circuit Protection II=6.4...12.8 x in N-Conductor Protection 100% LU terminal*	*siemens*	*Hq*	6	1
	3VA9157-0FK21	*com. rinv. Door Lock x 3VA10/1 STD*	*siemens*			1
	3VA9988-0BL30	*bobsleigh. Launch SIN 24VAC 50/60 Hz/12-30 VDC*	*siemens*			1
	3VA9988-0AA11	*Cont. HP-type status*	*siemens*			1
	3VA9111-0WD40	*Cover x 3VA10/1 4P 1pcs.*	*siemens*			2
QM1	*5SY7410-7*	*Circuit breaker 400 V 15kA, 4P, C, 10 A, D=70 mm*	*siemens*	*Hq*	7	1

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

MATERIAL LIST
LISTA METERIALI

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 60
F.S. 61

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
QM1	*5SM23420*	*Block diff. 4P 40A 30mA Type AC x 5sy*	*siemens*	*Hq*	7	1
	5ST3010	*Auxiliary contact block, 1 NO 1 NC for 5SL, 5SY, 5SP circuit breaker*	*siemens*			1
QM1A	*3RV2011-1AA10*	*Circuit breaker size S00 for motor protection, class 10, trip A 1.1...1.6 A, trip N 21 A, screw terminal*	*siemens*	*Hq*	9	1
	3RV2901-1E	*Cross Auxiliary Contact Block 1No 1NC Screw Terminals for 3RV2 Circuit Breakers*	*siemens*			1
QM1B	*3RV2011-1AA10*	*Circuit breaker size S00 for motor protection, class 10, trip A 1.1...1.6 A, trip N 21 A, screw terminal*	*siemens*	*Hq*	17	1
	3RV2901-1E	*Cross Auxiliary Contact Block 1No 1NC Screw Terminals for 3RV2 Circuit Breakers*	*siemens*			1
QM2A	*3RV2011-1GA10*	*Circuit breaker size S00 for motor protection, class 10, trip A 4.5...6.3 A, trip N 82 A, screw terminal*	*siemens*	*Hq*	10	1
	3RV2901-1E	*Cross Auxiliary Contact Block 1No 1NC Screw Terminals for 3RV2 Circuit Breakers*	*siemens*			1
	3RA19211DA00	*El.Col. Electr.Mech. (1pack=1pcs)*	*siemens*			1
QM2B	*3RV2011-1GA10*	*Circuit breaker size S00 for motor protection, class 10, trip A 4.5...6.3 A, trip N 82 A, screw terminal*	*siemens*	*Hq*	18	1
	3RV2901-1E	*Cross Auxiliary Contact Block 1No 1NC Screw Terminals for 3RV2 Circuit Breakers*	*siemens*			1
	3RA19211DA00	*El.Col. Electr.Mech. (1pack=1pcs)*	*siemens*			1
QM3A	*3RV2011-1JA10*	*Circuit breaker size S00 for motor protection, class 10, trip A 7...10 A, trip N 130 A, screw terminal*	*siemens*	*Hq*	10	1
	3RV2901-1E	*Cross Auxiliary Contact Block 1No 1NC Screw Terminals for 3RV2 Circuit Breakers*	*siemens*			1
	3RA29211AA00	*mod.coll.vt x 3rv2-3rt2 ac*	*siemens*			1
QM3B	*3RV2011-1JA10*	*Circuit breaker size S00 for motor protection, class 10, trip A 7...10 A, trip N 130 A, screw terminal*	*siemens*	*Hq*	18	1
	3RV2901-1E	*Cross Auxiliary Contact Block 1No 1NC Screw Terminals for 3RV2 Circuit Breakers*	*siemens*			1
	3RA29211AA00	*mod.coll.vt x 3rv2-3rt2 ac*	*siemens*			1
QM4A	*3RV2011-1JA10*	*Circuit breaker size S00 for motor protection, class 10, trip A 7...10 A, trip N 130 A, screw terminal*	*siemens*	*Hq*	10	1
	3RV2901-1E	*Cross Auxiliary Contact Block 1No 1NC Screw Terminals for 3RV2 Circuit Breakers*	*siemens*			1
QM4B	*3RV2011-1JA10*	*Circuit breaker size S00 for motor protection, class 10, trip A 7...10 A, trip N 130 A, screw terminal*	*siemens*	*Hq*	18	1
	3RV2901-1E	*Cross Auxiliary Contact Block 1No 1NC Screw Terminals for 3RV2 Circuit Breakers*	*siemens*			1
QM5A	*3RV2011-1DA10*	*Circuit breaker size S00 for motor protection, class 10, trip A 2.2...3.2 A, trip N 42 A, screw terminal*	*siemens*	*Hq*	11	1
	3RV2901-1E	*Cross Auxiliary Contact Block 1No 1NC Screw Terminals for 3RV2 Circuit Breakers*	*siemens*			1
QM5B	*3RV2011-1DA10*	*Circuit breaker size S00 for motor protection, class 10, trip A 2.2...3.2 A, trip N 42 A, screw terminal*	*siemens*	*Hq*	19	1
	3RV2901-1E	*Cross Auxiliary Contact Block 1No 1NC Screw Terminals for 3RV2 Circuit Breakers*	*siemens*			1
QS1	*3VA1132-4GF42-0AA0*	*Switch 3VA1 IEC Chassis 160 Switching Capacity Class S ICU=36 KA 415 V 4-Pole, TM240 System Protection, ATAM, IN=32 A Overload Protection IR=22 A... 32 A Short-Circuit Protection II=5...10 x in N-Conductor Protection 100% terminal LUG*	*siemens*	*Hq*	6	1
	3VA9988-0BL30	*bobsleigh. Launch SIN 24VAC 50/60 Hz/12-30 VDC*	*siemens*			1
	3VA9988-0AA11	*Cont. HP-type status*	*siemens*			1
	3VA9157-0FK21	*com. rinv. Door Lock x 3VA10/1 STD*	*siemens*			1
	3VA9111-0WD40	*Cover x 3VA10/1 4P 1pcs.*	*siemens*			2
SA27.1		*Three-position selector switch No rest 0*		*Hq*	27	1
SA27.2		*Three-position no-sleep selector switch 1*		*Hq*	27	1

REV.	MODIFICA	DATA	FIRMA	APPR.	M.G.
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
04	ACCEPT FOR CONSTRUCTION	10/12/24	F.M.	DISEGN.	F.M.
03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.

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CLIENT: CROSSWIND

BASE LOAD POWER HUB (BLPH)
B-300AC UPS EQUIPMENT ROOM

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 61
F.S. 62

Nome/Item	Tipo/Type	Descrizione/Description	Costruttore/Manufacturer	Quadro/Board	Fg/Sh	Q.ta/Q.ty
TA1	*TAC022150X05*	*Amperometric transformer hole 22, transformation ratio 150/5 A*	*Frer*	*Hq*	6	1
TA2	*TAC022150X05*	*Amperometric transformer hole 22, transformation ratio 150/5 A*	*Frer*	*Hq*	6	1
TA3	*TAC022150X05*	*Amperometric transformer hole 22, transformation ratio 150/5 A*	*Frer*	*Hq*	6	1
VSD-1A	*6SL3210-5BE15-5CV0*	*SinamiCs V20 3AC380-480V 0.55kw with C3 filter*	*siemens*	*Hq*	9	1
VSD-1B	*6SL3210-5BE15-5CV0*	*SinamiCs V20 3AC380-480V 0.55kw with C3 filter*	*siemens*	*Hq*	17	1
VSD-5A	*6SL3210-5BE21-1CV0*	*SinamiCs V20 3AC380-480V 1.1kw with C3 Filter*	*siemens*	*Hq*	11	1
VSD-5B	*6SL3210-5BE21-1CV0*	*SinamiCs V20 3AC380-480V 1.1kw with C3 Filter*	*siemens*	*Hq*	19	1
X3		*RJ45 port per panel*		*Hq*	*49th*	1
XA1	*CBS02GR*	*Sectionable clamp 2.5 mm2*	*Cabur*	*Hq*		30
	BT005	*BTU Terminal Block*	*Cabur*			2
XA2	*CBS02GR*	*Sectionable clamp 2.5 mm2*	*Cabur*	*Hq*		30
	BT005	*BTU Terminal Block*	*Cabur*			2
XC	*CBS02GR*	*Sectionable clamp 2.5 mm2*	*Cabur*	*Hq*		8
	BT005	*BTU Terminal Block*	*Cabur*			2
XFD	*CBS02GR*	*Sectionable clamp 2.5 mm2*	*Cabur*	*Hq*		20
XFD/S	*CBS02GR*	*Sectionable clamp 2.5 mm2*	*Cabur*	*Hq*		20
XM1	*CBC02GR*	*CBC.2/GR Thru-Clamp*	*Cabur*	*Hq*		6
	CBC10gr	*CBC.10/gr Thru-Clamp*	*Cabur*			6
	CBC04GR	*CBC.4/GR Feed-through clamp*	*Cabur*			6
	BT005	*BTU Terminal Block*	*Cabur*			2
XM2	*CBC02GR*	*CBC.2/GR Thru-Clamp*	*Cabur*	*Hq*		6
	CBC10gr	*CBC.10/gr Thru-Clamp*	*Cabur*			6
	CBC04GR	*CBC.4/GR Feed-through clamp*	*Cabur*			6
	BT005	*BTU Terminal Block*	*Cabur*			2
XMD1	*SF900GR*	*SFR.4/GR Sectionable clamp*	*Cabur*	*Hq*		6
	CBS02GR	*Sectionable clamp 2.5 mm2*	*Cabur*			12
	BT005	*BTU Terminal Block*	*Cabur*			2
XMD2	*SF900GR*	*SFR.4/GR Sectionable clamp*	*Cabur*	*Hq*		6
	CBS02GR	*Sectionable clamp 2.5 mm2*	*Cabur*			12
	BT005	*BTU Terminal Block*	*Cabur*			2
XP1	*CBC35gr*	*CBC.35/GR Feed-through clamp*	*Cabur*	*Hq*		5
	CBC02GR	*CBC.2/GR Thru-Clamp*	*Cabur*			8
	CBC04GR	*CBC.4/GR Feed-through clamp*	*Cabur*			6
	BT005	*BTU Terminal Block*	*Cabur*			2
XT	*CBS02GR*	*Sectionable clamp 2.5 mm2*	*Cabur*	*Hq*		13
	BT005	*BTU Terminal Block*	*Cabur*			2
XUPS	*CBC04GR*	*CBC.4/GR Feed-through clamp*	*Cabur*	*Hq*		2
	BT005	*BTU Terminal Block*	*Cabur*			2

REV.	MODIFICA	DATA	FIRMA		
05	ACCEPT FOR CONSTRUCTION	27/01/25	F.M.	DATA	22/04/2024
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03	ISSUED FOR CONSTRUCTION	04/09/24	F.M.	VISTO	S.S.
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Distinta Materiali
Bill of Materials

ROSETTI MARINO

1724000049-HV-DA-00028

FG. 62
F.S. /