BASE LOAD POWER HUB (BLPH)
SIS AND FGS
WIRING DIAGRAMS AND TERMINAL STRIPS

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
COVER PAGE

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 001

REV. 3

PAG. NR.	REVISION 0	1	2	3	4	5	6	7	8	TITLE
001	X	X	X	X						BASE LOAD POWER HUB (BLPH) COVER PAGE
002	X	X	X	X						BASE LOAD POWER HUB (BLPH) INDEX
003			X	X						BASE LOAD POWER HUB (BLPH) INDEX
03A	X			X						BASE LOAD POWER HUB (BLPH) LEGEND
004	X	X		X						BASE LOAD POWER HUB (BLPH) SYMBOL LEGEND
005	X	X		X						BASE LOAD POWER HUB (BLPH) TYPICAL WIRE MARKING & EARTH BAR CONNECTION DETAILS
006	X		X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 1
007	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 1
008	X		X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 2
009	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 2
010	X			X						BASE LOAD POWER HUB (BLPH) FGS PANEL - 230Vac POWER DISTRIBUTION FROM NON-UPS
011	X			X						BASE LOAD POWER HUB (BLPH) FGS PANEL - 230Vac POWER DISTRIBUTION FROM NON-UPS
012	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - 230Vac 50Hz POWER DISTRIBUTION VENTILATION FAN
013		X		X						BASE LOAD POWER HUB (BLPH) FGS PANEL - 230Vac 50Hz POWER DISTRIBUTION SECURITY PROSAFE FAN
014	X			X						BASE LOAD POWER HUB (BLPH) SPARE PAGE
015	X	X		X						BASE LOAD POWER HUB (BLPH) FGS PANEL - 230Vac / 24Vdc POWER DISTRIBUTION
016	X		X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - TB FAULT SIGNALS
017	X	X		X						BASE LOAD POWER HUB (BLPH) FGS PANEL - BREAKER FAULT ALARM CIRCUIT
018	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - SHIELD / GROUND CONNECTION
019	X		X	X						BASE LOAD POWER HUB (BLPH) 24Vdc POWER DISTRIBUTION

PAG. NR.	REVISION 0	1	2	3	4	5	6	7	8	TITLE
020	X	X	X	X						BASE LOAD POWER HUB (BLPH) 24Vdc POWER DISTRIBUTION
021	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - FAULT ALARM SIGNALS TO DCS & "GDZ" SIGNALS P.S.
022	X		X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - RACK "1" POWER DISTRIBUTION
023	X		X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - RACK "2" POWER DISTRIBUTION
024	X		X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - RACK "3" POWER DISTRIBUTION
025	X		X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - RACK "4" POWER DISTRIBUTION
026	X		X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - RACK "5" POWER DISTRIBUTION
027	X		X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - RACK "6" POWER DISTRIBUTION
028	X	X		X						BASE LOAD POWER HUB (BLPH) FGS PANEL - TYPICAL WIRING DIGITAL INPUT/OUTPUT
029	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - TYPICAL WIRING ANALOG INPUT
030 030A 030B	X	X		X						BASE LOAD POWER HUB (BLPH) FGS PANEL - TYPICAL WIRING DIGITAL INPUT/OUTPUT
031	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - DIGITAL INPUT SIGNALS
032	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - DIGITAL INPUT SIGNALS
033	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - DIGITAL INPUT SIGNALS
034	X	X		X						BASE LOAD POWER HUB (BLPH) SPARE PAGE
035	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - DIGITAL OUTPUT SIGNALS
036	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - DIGITAL OUTPUT SIGNALS
037	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - DIGITAL OUTPUT SIGNALS
038	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - DIGITAL OUTPUT SIGNALS
039	X	X		X						BASE LOAD POWER HUB (BLPH) SPARE PAGE

PAG. NR.	REVISION 0	1	2	3	4	5	6	7	8	TITLE
040	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - NIS ANALOG INPUT SIGNALS
041	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - NIS ANALOG INPUT SIGNALS
042	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - NIS ANALOG INPUT SIGNALS
043	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - NIS ANALOG INPUT SIGNALS
044	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - NIS ANALOG INPUT SIGNALS
045	X	X		X						BASE LOAD POWER HUB (BLPH) SPARE PAGE
046	X	X	X	X						BASE LOAD POWER HUB (BLPH) FGS PANEL - IS ANALOG INPUT SIGNALS
047	X		X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 1
048		X		X						BASE LOAD POWER HUB (BLPH) SIS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 1
049	X		X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 2
050		X		X						BASE LOAD POWER HUB (BLPH) SIS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 2
051	X			X						BASE LOAD POWER HUB (BLPH) SIS PANEL - 230Vac POWER DISTRIBUTION FROM NON-UPS
052	X			X						BASE LOAD POWER HUB (BLPH) SIS PANEL - 230Vac POWER DISTRIBUTION FROM NON-UPS
053	X	X	X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - 230Vac 50Hz POWER DISTRIBUTION VENTILATION FAN
054		X		X						BASE LOAD POWER HUB (BLPH) SIS PANEL - 230Vac 50Hz POWER DISTRIBUTION SECURITY PROSAFE FAN
055	X			X						BASE LOAD POWER HUB (BLPH) SPARE PAGE
056	X	X		X						BASE LOAD POWER HUB (BLPH) SIS PANEL - 230Vac / 24Vdc POWER DISTRIBUTION
057	X			X						BASE LOAD POWER HUB (BLPH) SPARE PAGE
058	X	X	X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - BREAKER FAULT ALARM CIRCUIT
059	X		X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - SHIELD / GROUND CONNECTION

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
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2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
INDEX

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 002

REV. 3

PAG. NR.	REVISION									TITLE
	0	1	2	3	4	5	6	7	8	
060	X		X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - TB FAULT SIGNALS
061	X	X	X	X						BASE LOAD POWER HUB (BLPH) 24Vdc POWER DISTRIBUTION
062	X	X	X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - FAULT ALARM SIGNALS TO DCS
063	X	X	X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - RACK "1" POWER DISTRIBUTION
064	X	X	X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - RACK "2" POWER DISTRIBUTION
065	X	X	X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - RACK "3" POWER DISTRIBUTION
066	X			X						BASE LOAD POWER HUB (BLPH) SIS PANEL - TYPICAL WIRING DIGITAL INPUT/OUTPUT
067	X			X						BASE LOAD POWER HUB (BLPH) SIS PANEL - TYPICAL WIRING ANALOG INPUT
068	X	X		X						BASE LOAD POWER HUB (BLPH) SPARE PAGE
069	X	X	X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - DIGITAL OUTPUT SIGNALS
070	X	X		X						BASE LOAD POWER HUB (BLPH) SIS PANEL - DIGITAL OUTPUT SIGNALS
071	X	X	X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - DIGITAL OUTPUT SIGNALS
072	X	X		X						BASE LOAD POWER HUB (BLPH) SPARE PAGE
073	X	X	X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - DIGITAL INPUT SIGNALS
074	X	X	X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - DIGITAL INPUT SIGNALS
075	X	X	X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - DIGITAL INPUT SIGNALS
076	X	X		X						BASE LOAD POWER HUB (BLPH) SPARE PAGE
077	X	X	X	X						BASE LOAD POWER HUB (BLPH) SIS PANEL - ANALOG INPUT SIGNALS
				X						
				X						

PAG. NR.	REVISION									TITLE
	0	1	2	3	4	5	6	7	8	

PAG. NR.	REVISION									TITLE
	0	1	2	3	4	5	6	7	8	

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
INDEX

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 003

REV. 3

NUMBER	SYMBOL	REFERENCE	DESCRIPTION
01		IEC 60417-5031	DIRECT CURRENT
02		IEC 60417-5032	ALTERNATING CURRENT
03		IEC 60417-5033	BOTH DIRECT AND ALTERNATING CURRENT
04		.	THREE-PHASE ALTERNATING CURRENT
05		IEC 60417-5017	EARTH (GROUND) TERMINAL
06		IEC 60417-5019	PROTECTIVE CONDUCTOR TERMINAL
07		IEC 60417-5020	FRAME OR CHASSIS TERMINAL
08		IEC 60417-5021	EQUIPOTENTIALITY
09		IEC 60417-5007	ON (SUPPLY)
10		IEC 60417-5008	OFF (SUPPLY)
11		IEC 60417-5172	EQUIPMENT PROTECTED THROUGHOUT BY DOUBLE INSULATION OR REINFORCED INSULATION
12		.	CAUTION RISK OF ELECTRIC SHOCK
13		IEC 60417-5041	CAUTION HOT SURFACE
14		ISO 7000-0434	CAUTION RISK OF DANGER
15		IEC 60417-5266	IN POSITION OF A BI-STABLE PUSH CONTROL
16		IEC 60417-5269	OUT POSITION OF A BI-STABLE PUSH CONTROL

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
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CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
LEGEND

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

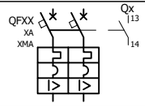
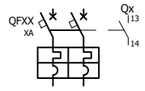
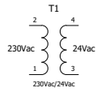
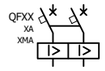
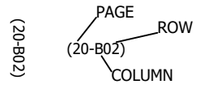
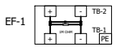
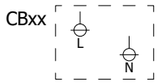
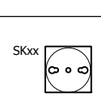
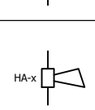
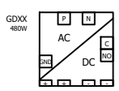
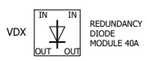
SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 03A

REV. 3

	ROTATIVE MAIN SWITCH -		ELECTRIC FAN WITH FAULT DETECTION		I.S. BARRIER (NOTE: AB-xx FOR ACTIVE BARRIERS, ZB-xx FOR ZENER BARRIERS)
	DIFFERENTIAL RESIDUAL CURRENT CIRCUIT BREAKER WITH AUXILIARY CONTACT		PANEL ELECTRIC HEATER -		GALVANIC ISOLATOR -
	AUTOMATIC CIRCUIT BREAKER WITH AUXILIARY CONTACT		AC/AC VOLTAGE TRANSFORMER -		FUSED TERMINAL -
	DISCONNECTOR WITH FUSE -		THERMOSTATE NO CONTACT -		KNIFE TERMINAL -
	PURE RESIDUAL CURRENT CIRCUIT BREAKER		NO CONTACT -		FEED THROUGH TERMINAL -
	SURGE ARRESTOR -		NC CONTACT -		PAGE CROSS REFERENCE INDICATION -
	LINE FILTER MODULE -		DOOR LIMIT SWITCH -		COMMON BOX -
	SERVICE SOCKET -		FRONT PANEL ALARM BUZZER -		- -
	AC/DC FEEDER -		INTERNAL LIGHT OR FRONT PANEL LIGHT		- -
	REDUNDANCY DIODE MODULE -		MUSHROOM PUSHBUTTON INDICATOR NORMAL PUSHBUTTON INDICATOR		- -
	RELAYS -		ROTATIVE SELECTOR INDICATOR -		- -
	- -		RESISTOR -		- -
	- -		- -		- -

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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SYMBOL LEGEND

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

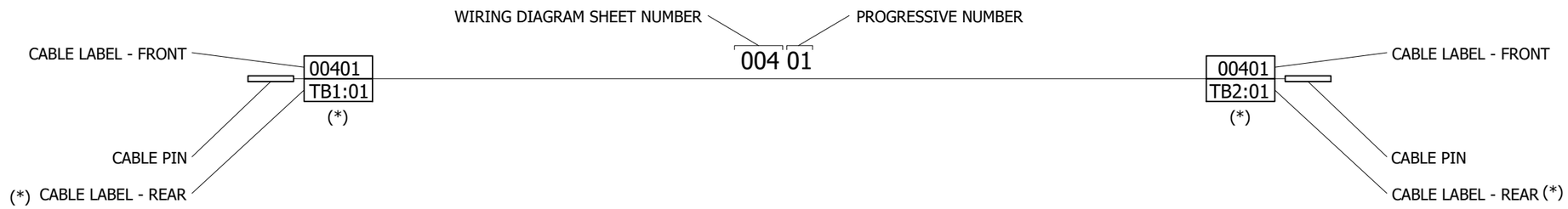
SHEET 004

REV. 3

COLOR ACRONYMS LIST :

RD	-	RED
BK	-	BLACK
BL	-	BLUE
LB	-	LIGHT BLUE
GR	-	GREY
GN	-	GREEN
YE	-	YELLOW
Y/G	-	YELLOW/GREEN
BR	-	BROWN
WH	-	WHITE

TYPICAL WIRE MARKING



EARTH CONNECTION RESUME TABLE:

	CABINET
P.E. EARTH	○○○○○○○○○○○○○○○
I.E. EARTH	○○○○○○○○○○○○○○○
I.S.E. EARTH	○○○○○○○○○○○○○○○

EARTH ACRONYMS LEGEND :

P.E. (GND) - PROTECTION EARTH (GROUND, FRAME CHASSIS)
I.E. (I.E.) - INSTRUMENT EARTH (NOISELESS), FUNCTIONAL EARTH
I.S.E. (I.S.E.) - INTRINSICALLY SAFE EARTH

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
TYPICAL WIRE MARKING & EARTH BAR CONNECTION DETAILS

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

SCALE : 1

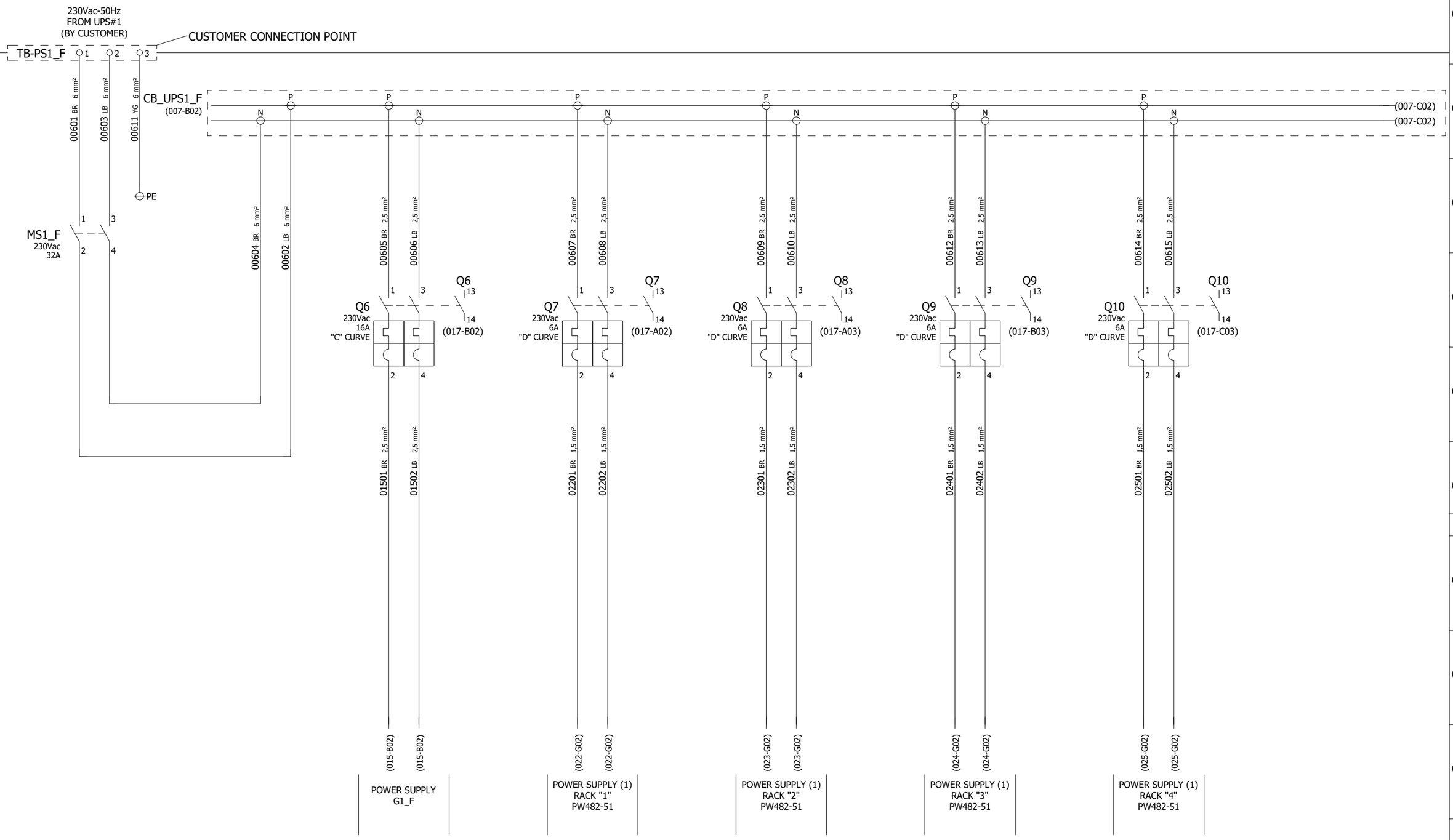
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 005

REV. 3

FGS PANEL - POWER DISTRIBUTION FROM UPS LINE 1



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 1

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

SCALE : 1

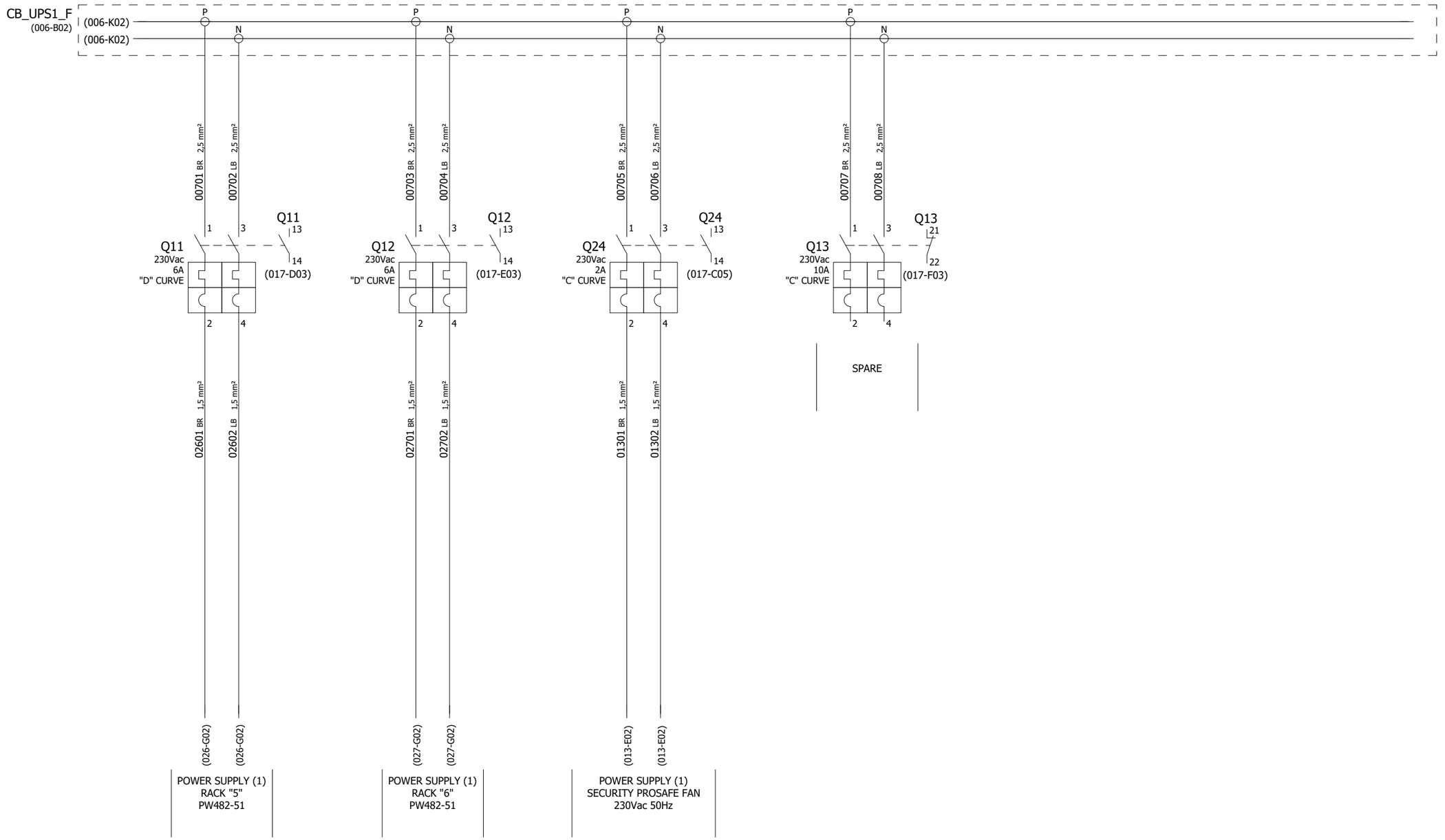
A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 006

REV. 3

FGS PANEL - POWER DISTRIBUTION FROM UPS LINE 1



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 1

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 007

REV. 3

FGS PANEL - POWER DISTRIBUTION FROM UPS LINE 2

230Vac-50Hz
FROM UPS#2
(BY CUSTOMER)

TB-PS2_F 1 2 3 — CUSTOMER CONNECTION POINT

00801 BR 6 mm² — 00803 LB 6 mm² — 00611 YG 6 mm² — PE

CB_UPS2_F
(009-B02)
N P P N P N P N P N P N
(009-C02)
(009-C02)

MS2_F
230Vac
32A
1 3 2 4

00804 BR 6 mm² — 00802 LB 6 mm²

	00805 BR 2,5 mm² / 00806 LB 2,5 mm²	00807 BR 2,5 mm² / 00808 LB 2,5 mm²	00809 BR 2,5 mm² / 00810 LB 2,5 mm²	00811 BR 2,5 mm² / 00812 LB 2,5 mm²	00813 BR 2,5 mm² / 00814 LB 2,5 mm²
	Q14	Q15	Q16	Q17	Q18
	230Vac 16A "C" CURVE	230Vac 6A "D" CURVE	230Vac 6A "D" CURVE	230Vac 6A "D" CURVE	230Vac 6A "D" CURVE
	(017-G03)	(017-F04)	(017-E04)	(017-D04)	(017-C04)
	01503 BR 2,5 mm² / 01504 LB 2,5 mm²	02203 BR 1,5 mm² / 02204 LB 1,5 mm²	02303 BR 1,5 mm² / 02304 LB 1,5 mm²	02403 BR 1,5 mm² / 02404 LB 1,5 mm²	02503 BR 1,5 mm² / 02504 LB 1,5 mm²
	(015-H02) (015-H02)	(022-H02) (022-H02)	(023-H02) (023-H02)	(024-H02) (024-H02)	(025-H02) (025-H02)
	POWER SUPPLY G2_F	POWER SUPPLY (2) RACK "1" PW482-51	POWER SUPPLY (2) RACK "2" PW482-51	POWER SUPPLY (2) RACK "3" PW482-51	POWER SUPPLY (2) RACK "4" PW482-51

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

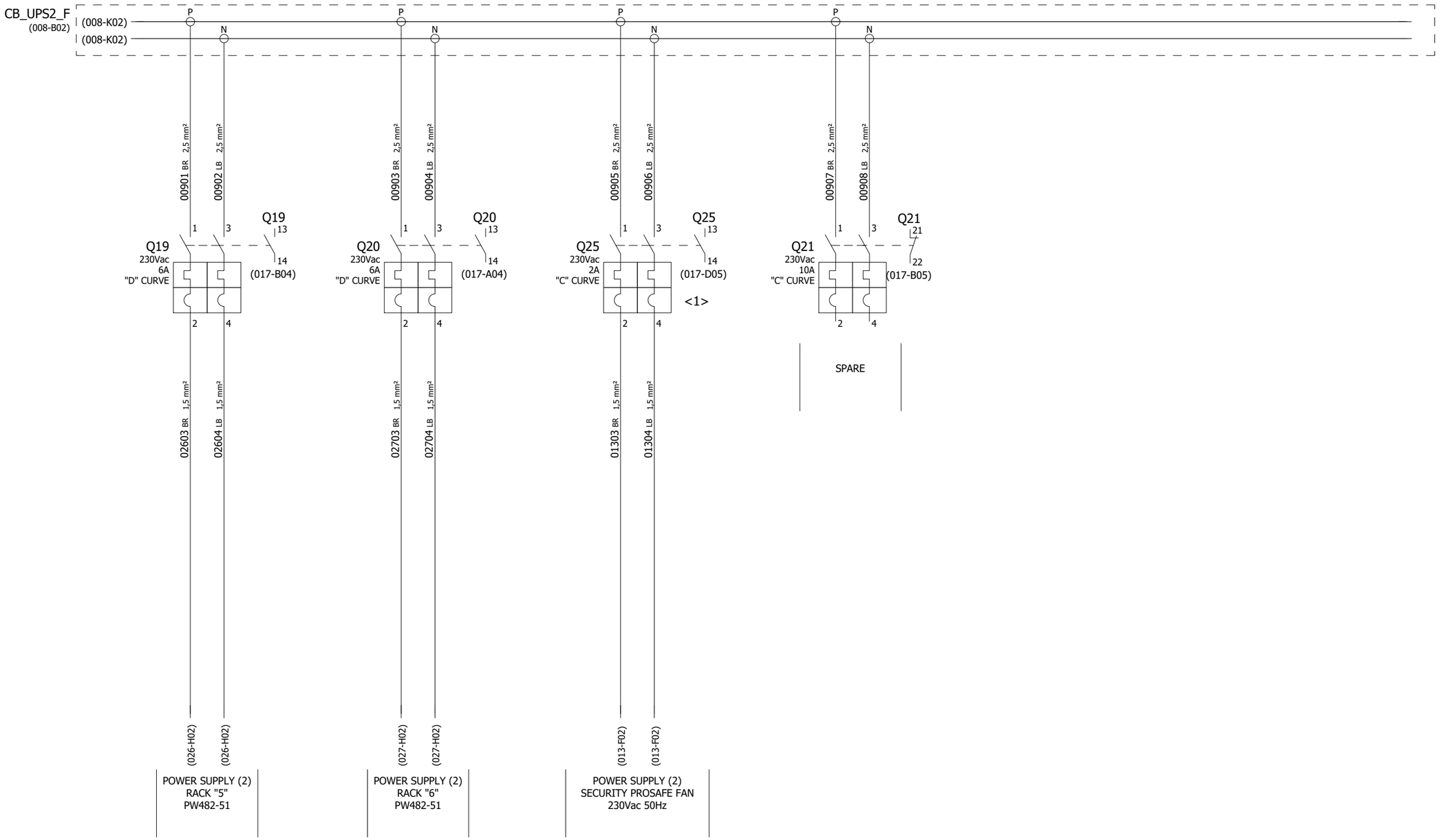
CROSSWIND — ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 2

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK — SCALE : 1

A3 — DRAWING NO. 1724000594-IN-DG-00021 — SHEET 008 — REV. 3

FGS PANEL - POWER DISTRIBUTION FROM UPS LINE 2



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 2

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 009

REV. 3

FGS PANEL - POWER DISTRIBUTION FROM NON UPS

230Vac-50Hz
FROM MCC
(BY CUSTOMER)

CUSTOMER CONNECTION POINT

TB-PS3_F 1 2 3

01001 BR 6 mm² — 01003 LB 6 mm² — 00611 YG 6 mm² — PE

CB_SER_F
(011-A01)

P N P P N P P N P N

(011-A01)
(011-A01)

01004 LB 6 mm² — 01002 BR 6 mm²

01005 BR 2.5 mm² — 01007 LB 2.5 mm²

01009 BR 2.5 mm² — 01015 LB 2.5 mm²

01020 BR 2.5 mm² — 01021 LB 2.5 mm²

Q1
230Vac
25A
Id 30mA
1 3 13 14
2 4
(017-G02)

Q2
230Vac
16A
"C" CURVE
1 3 13 14
2 4
(017-F02)

Q3
230Vac
2A
"C" CURVE
1 3 13 14
2 4
(017-E02)

Q4
230Vac
4A
"C" CURVE
1 3 21 22
2 4
(017-D02)

SPARE

01006 BR 2.5 mm² — 01008 LB 2.5 mm²

SK1_F — PE — 00611 YG 2,5 mm² — PE

01010 BR 1.5 mm² — 01011 BR 1.5 mm² — 01012 BR 1.5 mm²

S1_F 11 12 — S2_F 11 12 — S3_F 11 12

01013 BR 1.5 mm² — 01018 BR 1.5 mm² — 01019 BR 1.5 mm²

H1_F x1 x2 — H2_F x1 x2 — H3_F x1 x2

01014 LB 1,5 mm² — 01017 LB 1,5 mm² — 01017 LB 1,5 mm²

SERVICE SOCKET 230Vac 50Hz		INTERNAL LIGHT (LEFT SIDE) 230Vac 50Hz TOTAL CONSUMPTION: 15W		INTERNAL LIGHT (CENTRAL SIDE) 230Vac 50Hz TOTAL CONSUMPTION: 15W	INTERNAL LIGHT (RIGHT SIDE) 230Vac 50Hz TOTAL CONSUMPTION: 15W

NOTE:
INTERNAL LAMP IS DOUBLE INSULATION DEVICE.
NO EARTH CONNECTION REQUIRED.

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND — ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - 230Vac POWER DISTRIBUTION FROM NON-UPS

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

SCALE : 1

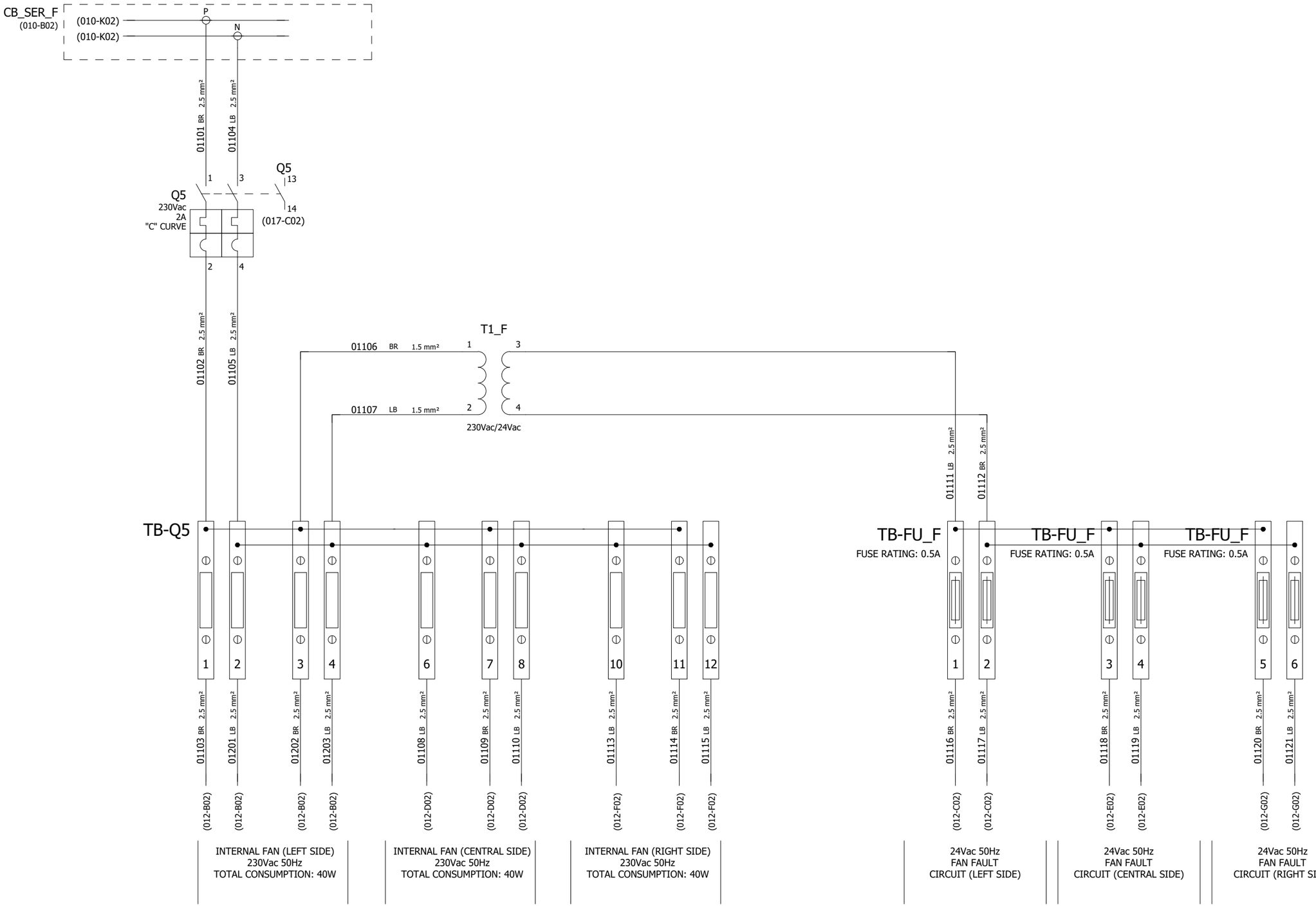
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DRAWING NO. 1724000594-IN-DG-00021

SHEET 010

REV. 3

FGS PANEL - POWER DISTRIBUTION FROM NON UPS



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - 230Vac POWER DISTRIBUTION FROM NON-UPS

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

SCALE : 1

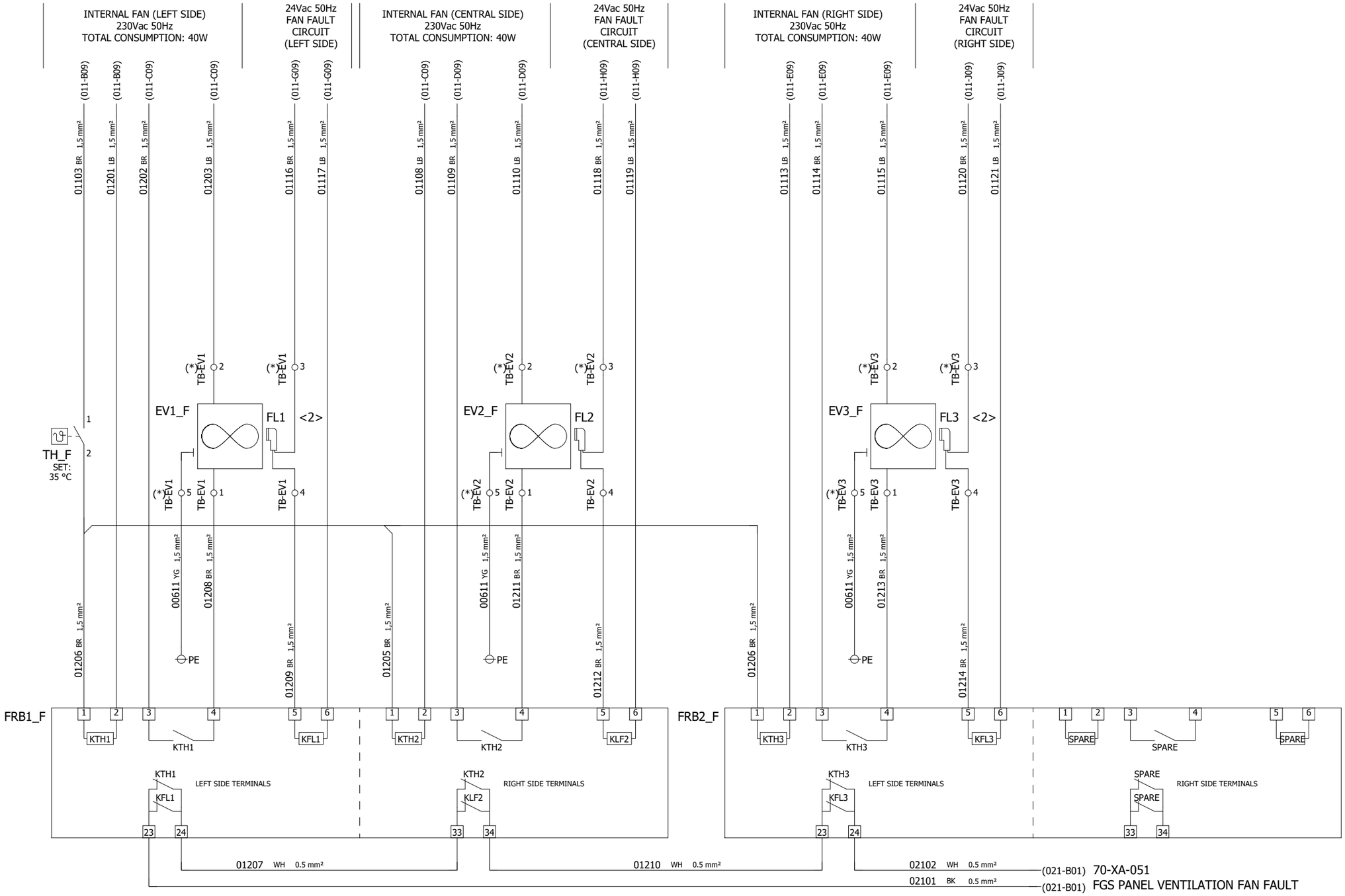
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 011

REV. 3

FGS PANEL - 230Vac 50Hz POWER DISTRIBUTION VENTILATION FAN & HEATER



NOTE (*):
TB-EV IS A FEED THROUGH TERMINAL BOARD FOR
PRE-WIRED ITEMS CONNECTION. FOR THIS REASON,
WIRE NUMBERS WILL BE THE SAME ON BOTH SIDES.

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - 230Vac 50Hz POWER DISTRIBUTION VENTILATION FAN

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

SCALE : 1

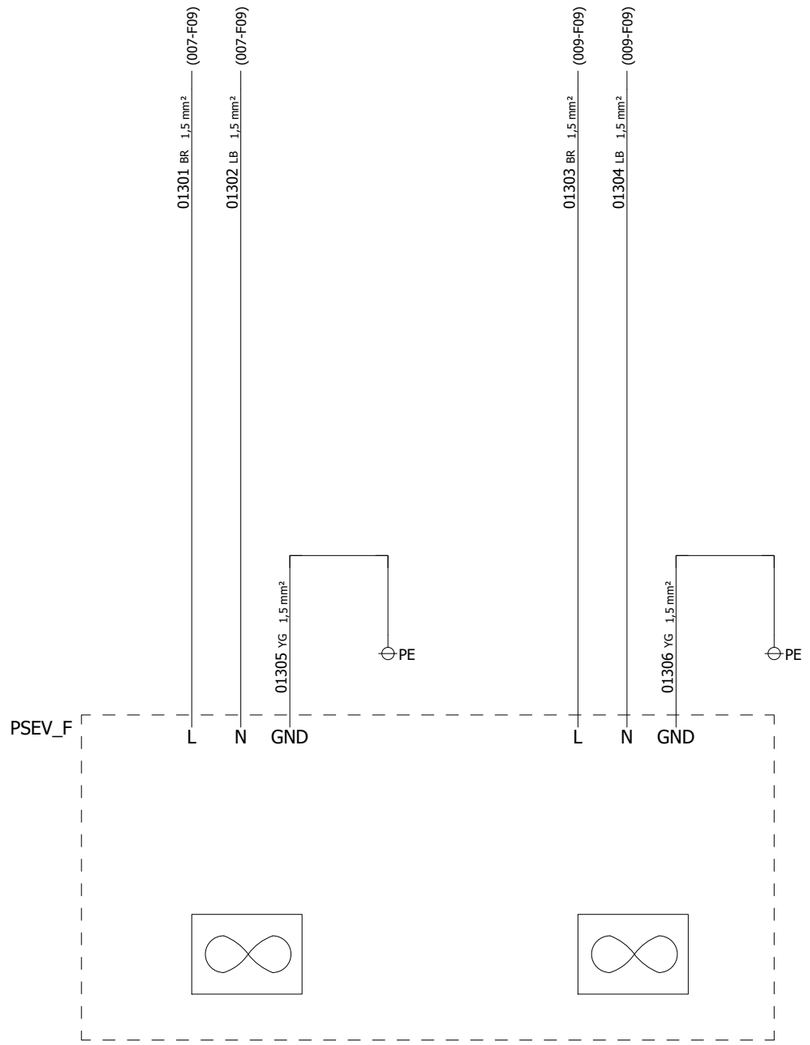
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 012

REV. 3

FGS PANEL - 230Vac 50Hz POWER DISTRIBUTION SECURITY PROSAFE FAN



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
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0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - 230Vac 50Hz POWER DISTRIBUTION SECURITY PROSAFE FAN

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 013

REV. 3

SHEET LEFT INTENTIONALLY BLANK

3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
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0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SPARE PAGE

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 014

REV. 3

FGS PANEL - 230Vac/24Vdc POWER DISTRIBUTION

POWER SUPPLY LINE
230Vac 50Hz
FROM UPS#1

(006-D09)
01501 BR 2.5 mm²
(006-D09)
01502 LB 2.5 mm²

G1_F
IN: 230Vac
OUT: 24Vdc
480W
20A
WEIDMULLER PRO ECO
code 1469510000

L(+) N(-) AC DC 13 14 PE + + - -

02103 WH 1 mm² (021-B02)
01414 WH 1 mm²
00611 YG 2,5 mm² PE

70-XA-052
FGS PANEL POWER SUPPLY
24Vdc FAILURE

01505 RD 4 mm²
01507 BU 4 mm²
01506 RD 4 mm²
01510 BU 4 mm²

VD1_F
20A
WEIDMULLER PRO DM 20
code 2486080000

IN1+ IN1- IN2+ IN2-
OUT+ OUT-

01508 RD 6 mm²
01511 BU 6 mm²

Q22
24Vdc
32A
"C" CURVE
1 3 13 14 (017-D07)
2 4

01509 RD 6 mm²
01512 BU 6 mm²

POWER SUPPLY LINE
230Vac 50Hz
FROM UPS#2

(008-D08)
01503 BR 2.5 mm²
(008-D08)
01504 LB 2.5 mm²

G2_F
IN: 230Vac
OUT: 24Vdc
480W
20A
WEIDMULLER PRO ECO
code 1469510000

L(+) N(-) AC DC 13 14 PE + + - -

01415 WH 1 mm²
02104 BK 1 mm² (021-B02)
00611 YG 2,5 mm² PE

70-XA-052
FGS PANEL POWER SUPPLY
24Vdc FAILURE

01513 RD 4 mm²
01515 BU 4 mm²
01514 RD 4 mm²
01518 BU 4 mm²

VD2_F
20A
WEIDMULLER PRO DM 20
code 2486080000

IN1+ IN1- IN2+ IN1-
OUT+ OUT-

01516 RD 6 mm²
01519 BU 6 mm²

Q23
24Vdc
32A
"C" CURVE
1 3 13 14 (017-C07)
2 4

01517 RD 6 mm²
01520 BU 6 mm²

CB_24Vdc_F
(019-A01)
(020-A01)
+ -
(019-A01)
(019-A01)

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2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - 230Vac / 24Vdc POWER DISTRIBUTION

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

SCALE : 1

A3

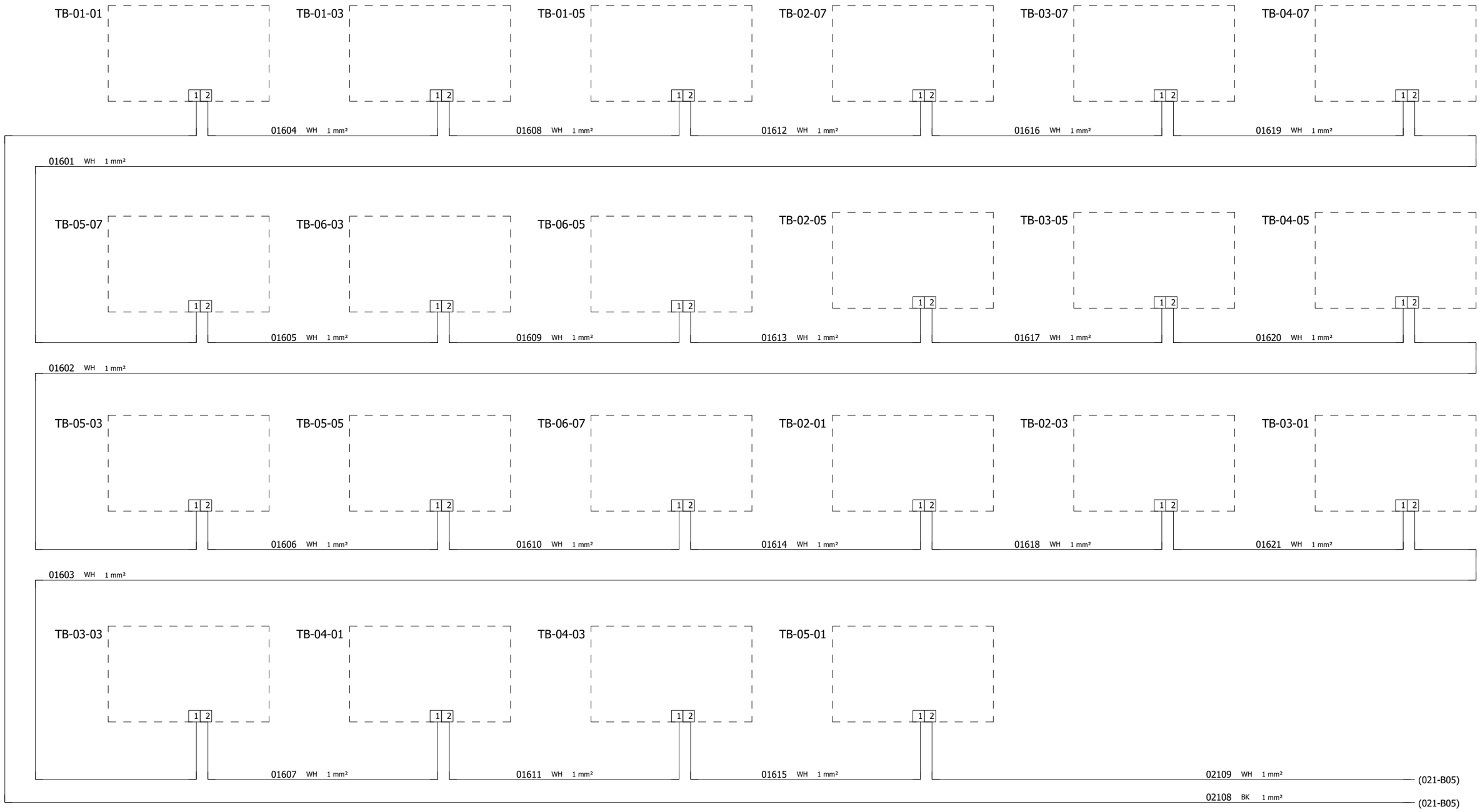
DRAWING NO. 1724000594-IN-DG-00021

SHEET 015

REV. 3

A B C D E F G H J K

FGS PANEL - TB FAULT SIGNALS



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - TB FAULT SIGNALS

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

SCALE : 1

A3

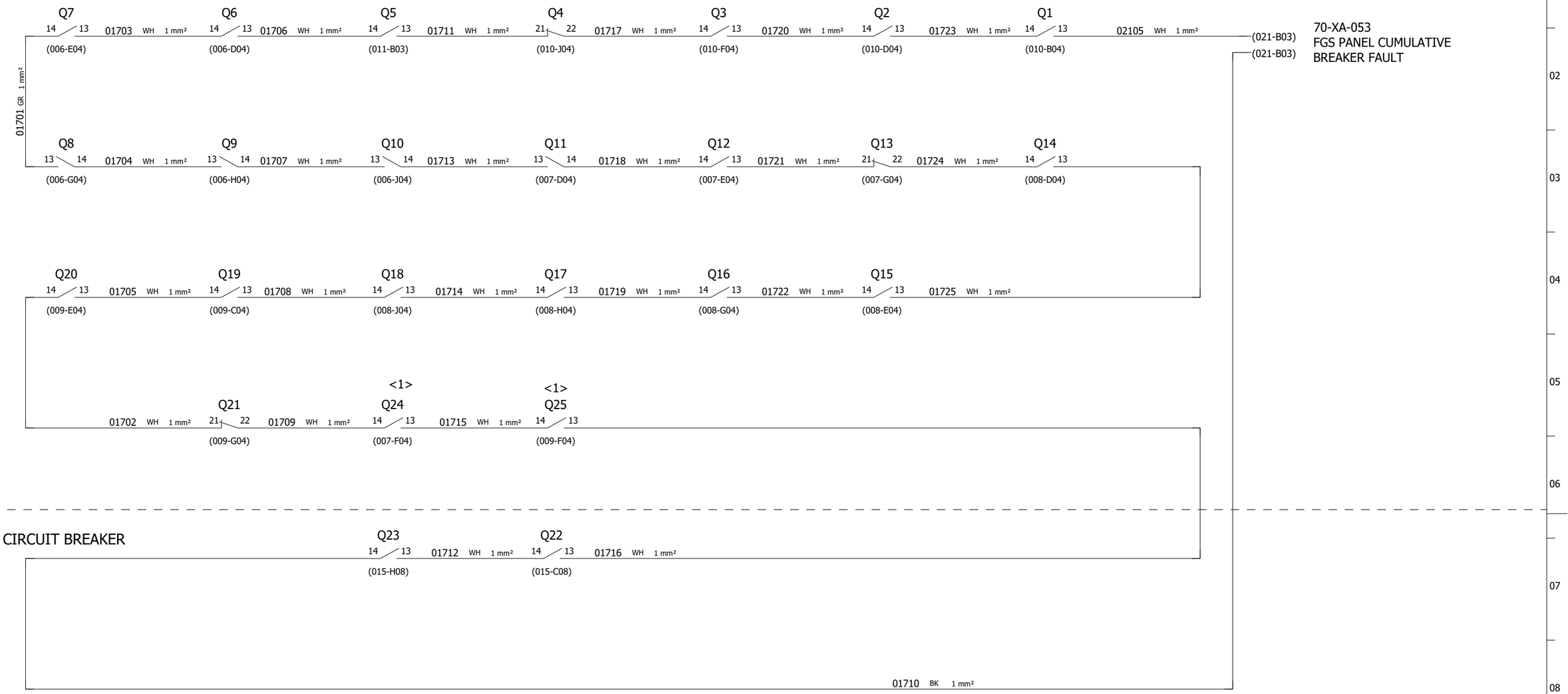
DRAWING NO. 1724000594-IN-DG-00021

SHEET 016

REV. 3

FGS PANEL - BRAKER FAULT ALARM CIRCUIT

230Vac CIRCUIT BREAKER



70-XA-053
FGS PANEL CUMULATIVE
BREAKER FAULT

24Vdc CIRCUIT BREAKER

NOTE : SPARE CIRCUIT BREAKER FAULT CONTACT TO BE CONNECTED ON NORMALLY CLOSE CONTACT.
CHANGE CONNECTION TO NORMALLY OPEN CONTACT WHEN THE BREAKER WILL BE USED

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
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2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - BREAKER FAULT ALARM CIRCUIT

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

SCALE : 1

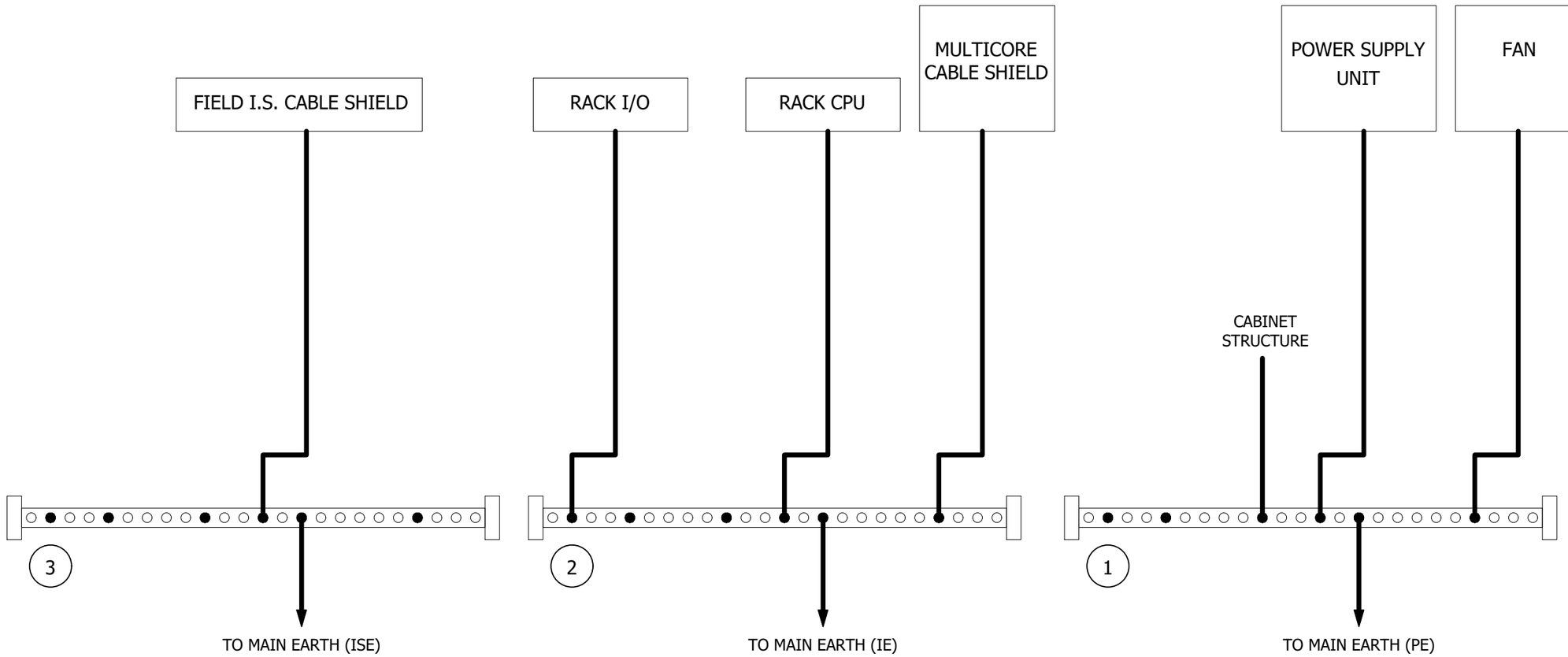
A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 017

REV. 3

POS.	EARTH TYPE	DESCRIPTION SYSTEM EARTH
1	P.E. EARTH	PROTECTION EARTH (GROUND, FRAME CHASSIS)
2	I.E. EARTH	INSTRUMENTAL EARTH
3	I.S.E. EARTH	INTRINSICALLY SAFE EARTH



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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - SHIELD / GROUND CONNECTION

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

SCALE : 1

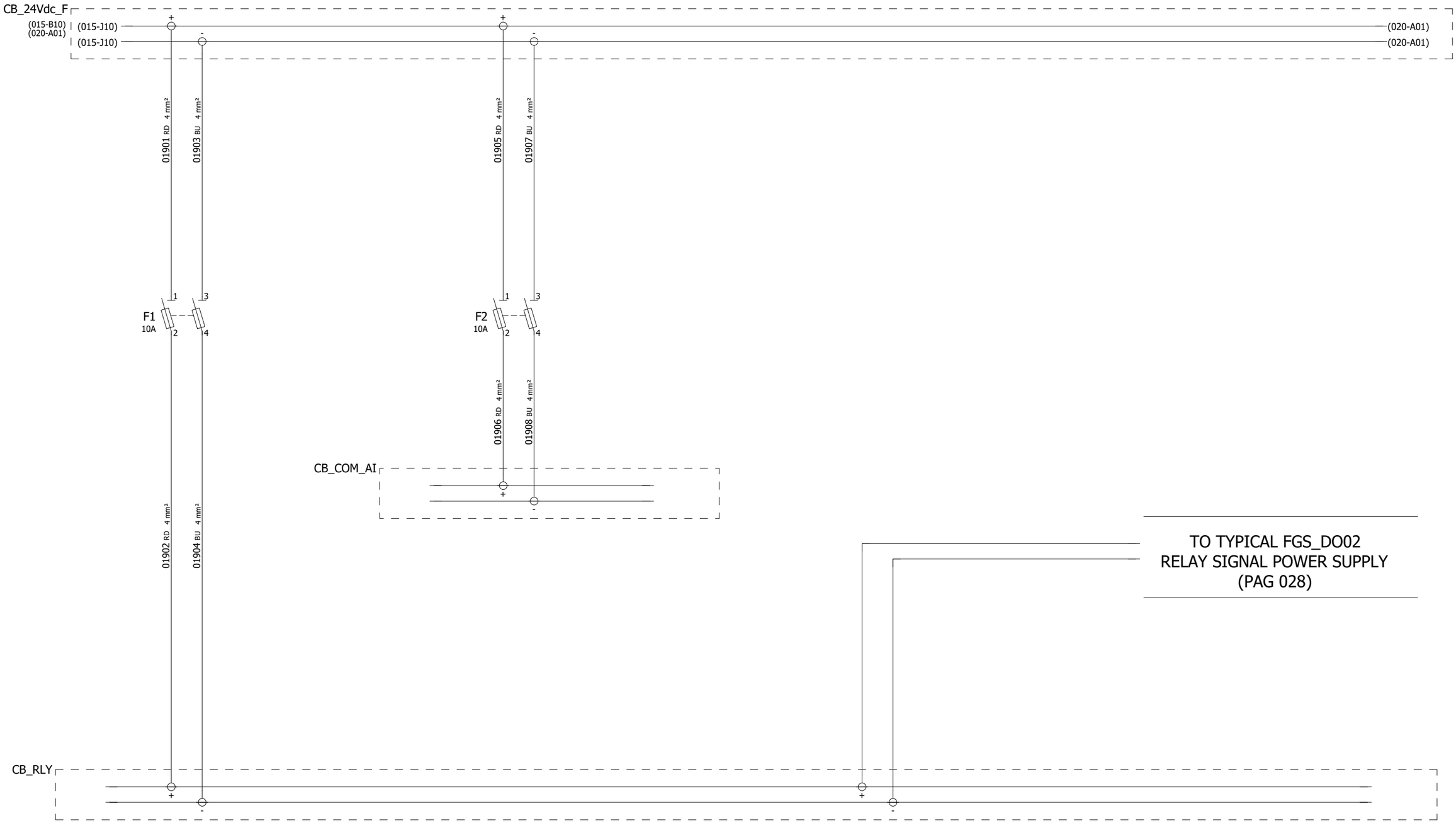
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 018

REV. 3

FGS PANEL - 24Vdc POWER DISTRIBUTION



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
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2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
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0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
24Vdc POWER DISTRIBUTION

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

SCALE : 1

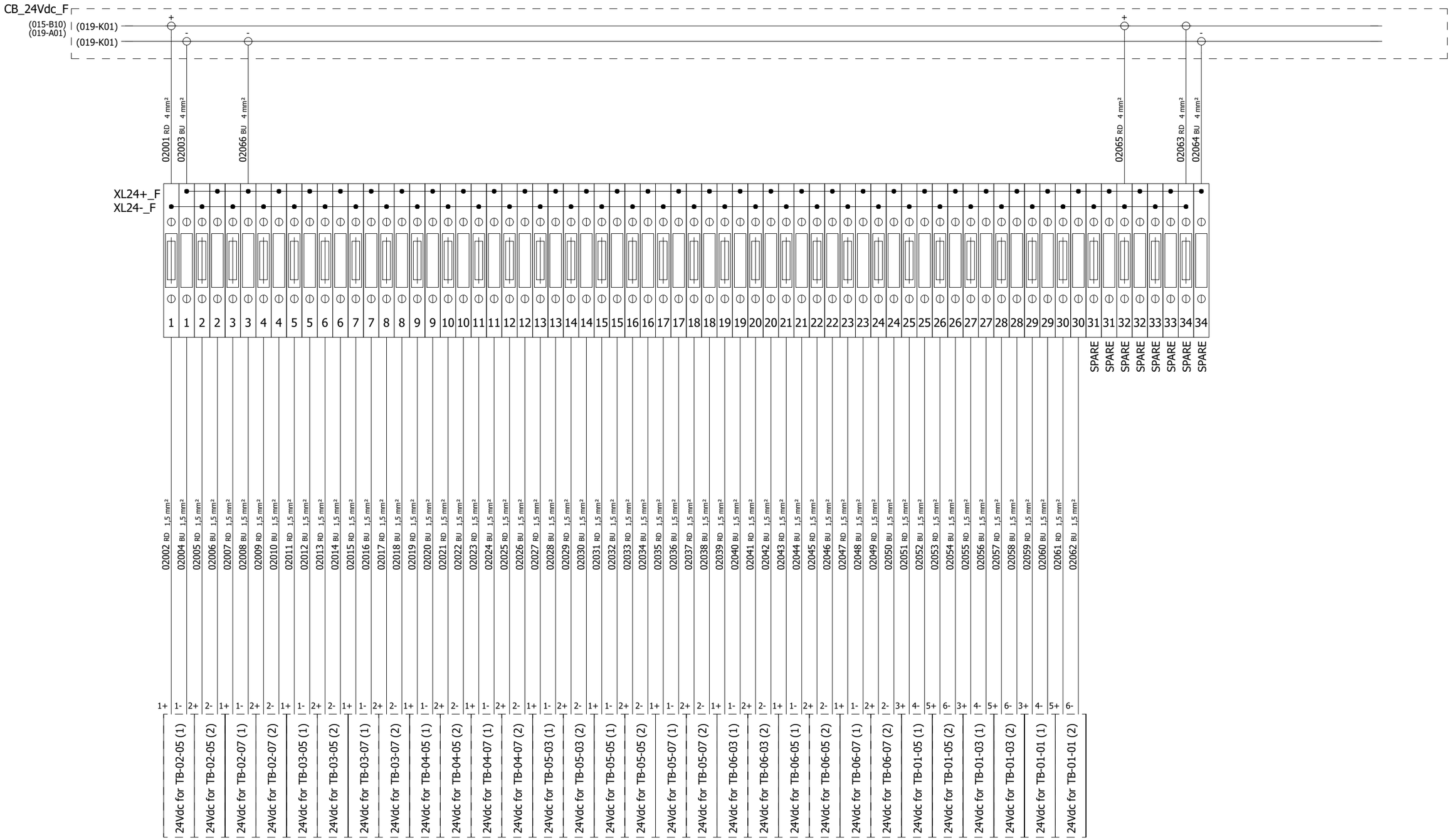
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 019

REV. 3

FGS PANEL - 24Vdc POWER DISTRIBUTION



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
24Vdc POWER DISTRIBUTION

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 020

REV. 3

FGS PANEL - FAULT ALARM SIGNALS TO DCS & "GDZ" SIGNALS POWER SUPPLY

70-XA-051	(012-G10)	02102 WH 1 mm²	09A	IN 09	SLOT 7	NODE 6	70-XA-051
	(012-G10)	02101 BK 1 mm²	09B	IN 09	SLOT 7	NODE 6	
			09C	IN 09	SLOT 7	NODE 6	
70-XA-052	(015-C04)	02103 WH 1 mm²	10A	IN 10	SLOT 7	NODE 6	70-XA-052
	(015-J04)	02104 BK 1 mm²	10B	IN 10	SLOT 7	NODE 6	
			10C	IN 10	SLOT 7	NODE 6	
70-XA-053	(017-J02)	02105 WH 1 mm²	11A	IN 11	SLOT 7	NODE 6	70-XA-053
	(017-J02)	01710 BK 1 mm²	11B	IN 11	SLOT 7	NODE 6	
			11C	IN 11	SLOT 7	NODE 6	
70-XA-054	21 / THH_F / 24 SET: 40 °C	02106 WH 1 mm²	12A	IN 12	SLOT 7	NODE 6	70-XA-054
		02107 BK 1 mm²	12B	IN 12	SLOT 7	NODE 6	
			12C	IN 12	SLOT 7	NODE 6	
70-XA-055	(016-K10)	02109 WH 1 mm²	13A	IN 13	SLOT 7	NODE 6	70-XA-055
	(016-K10)	02108 BK 1 mm²	13B	IN 13	SLOT 7	NODE 6	
			13C	IN 13	SLOT 7	NODE 6	
FGS001-UA-05	13 / AT_01_F / 14	03301 WH 1 mm²	10A	IN 10	SLOT 5	NODE 2	FGS001-UA-05
		03302 BK 1 mm²	10B	IN 10	SLOT 5	NODE 2	
			10C	IN 10	SLOT 5	NODE 2	

CUSTOMER TAG	SIGNAL DESCRIPTION FROM IO LIST
70-XA-051	FGS PANEL VENTILATION FAN FAULT
70-XA-052	FGS PANEL POWER SUPPLY & DIODES FAILURE
70-XA-053	FGS PANEL CUMULATIVE BREAKER FAULT
70-XA-054	FGS PANEL HIGH TEMPERATURE ALARM
70-XA-055	FGS PANEL DIGITAL / ANALOG TB CUMULATIVE FAULT

CUSTOMER TAG	SIGNAL DESCRIPTION FROM IO LIST
FGS001-UA-05	FGS PANEL KEY SELECTOR
-	-
-	-
-	-
-	-

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - FAULT ALARM SIGNALS TO DCS & "GDZ" SIGNALS P.S.

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

SCALE : 1

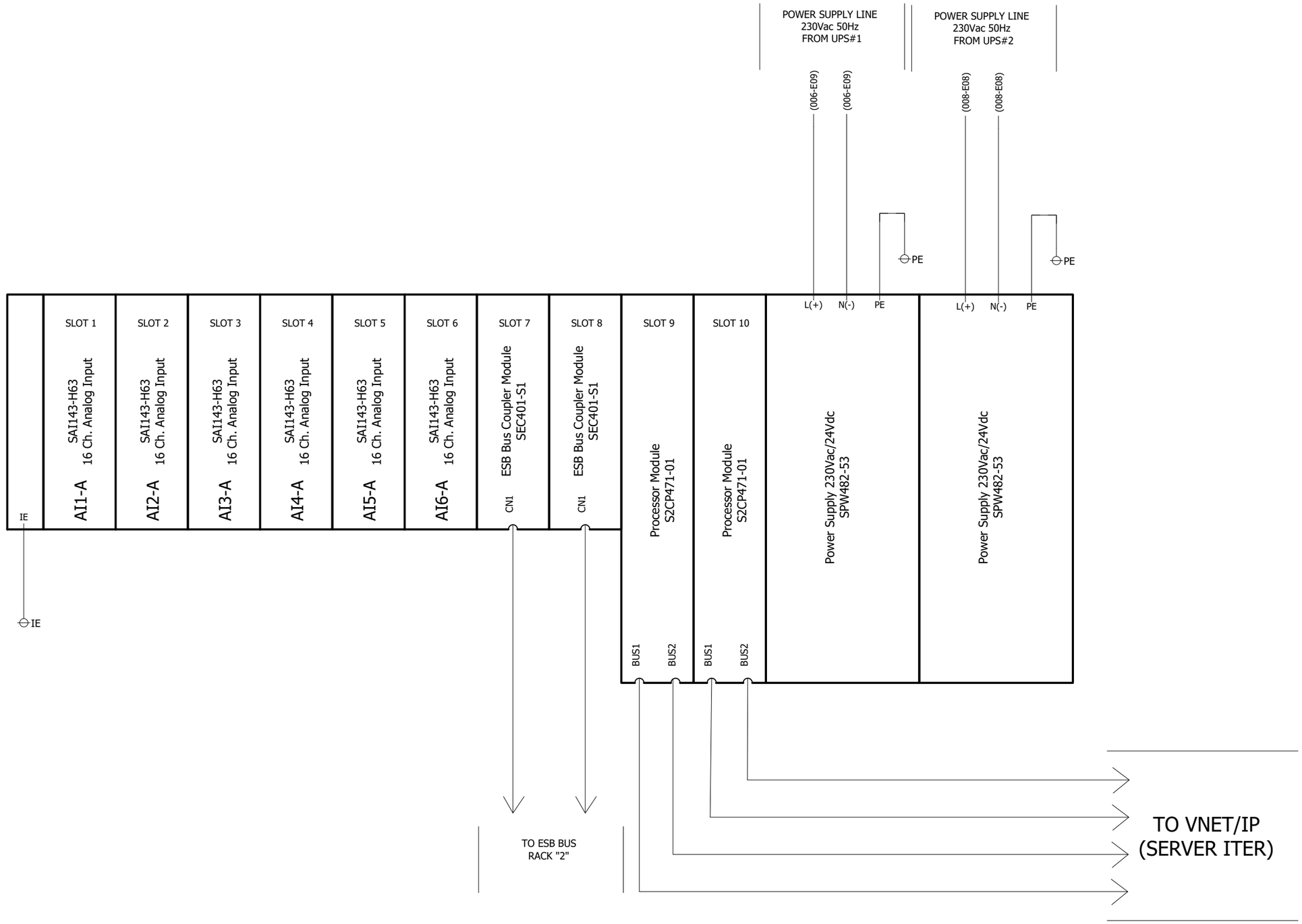
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 021

REV. 3

FGS PANEL - RACK "1" POWER DISTRIBUTION



REFER TO DOC. N. 1724000594-IN-DG-00016
"NETWORK CONNECTION DIAGRAM"

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - RACK "1" POWER DISTRIBUTION

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

SCALE : 1

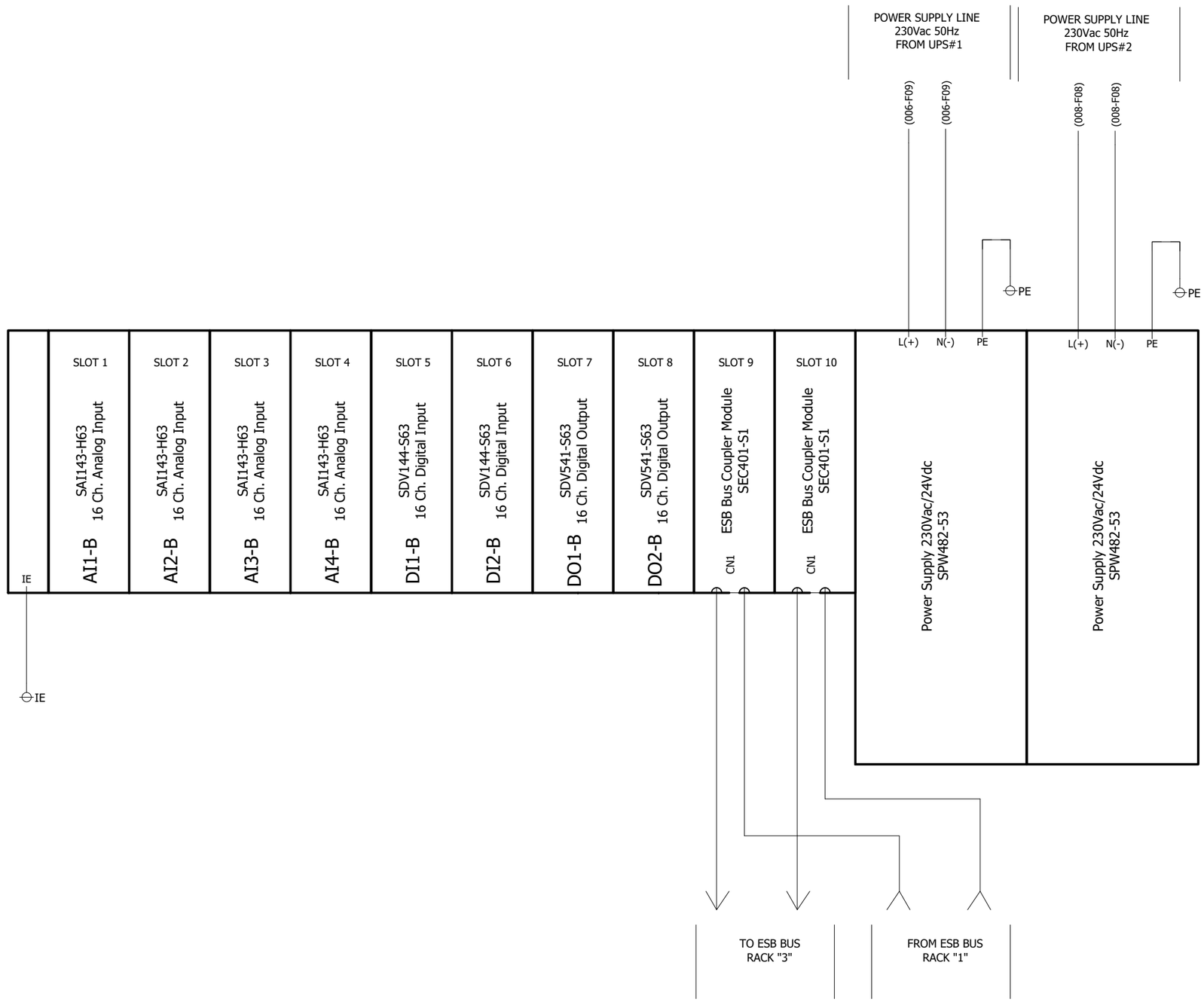
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 022

REV. 3

FGS PANEL - RACK "2" POWER DISTRIBUTION



REFER TO DOC. N. 1724000594-IN-DG-00016
"NETWORK CONNECTION DIAGRAM"

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - RACK "2" POWER DISTRIBUTION

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

SCALE : 1

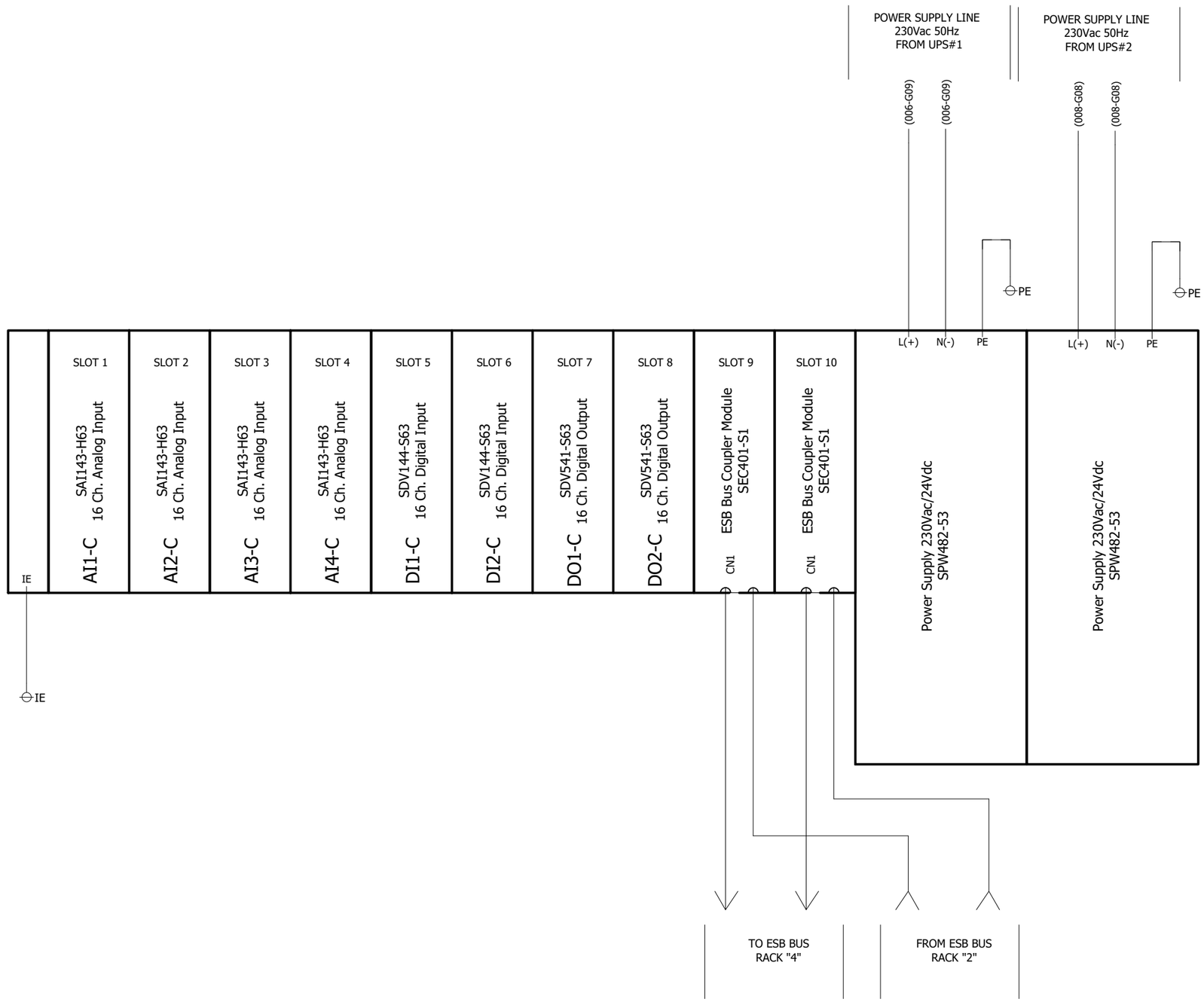
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 023

REV. 3

FGS PANEL - RACK "3" POWER DISTRIBUTION



REFER TO DOC. N. 1724000594-IN-DG-00016
"NETWORK CONNECTION DIAGRAM"

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
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0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - RACK "3" POWER DISTRIBUTION

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

SCALE : 1

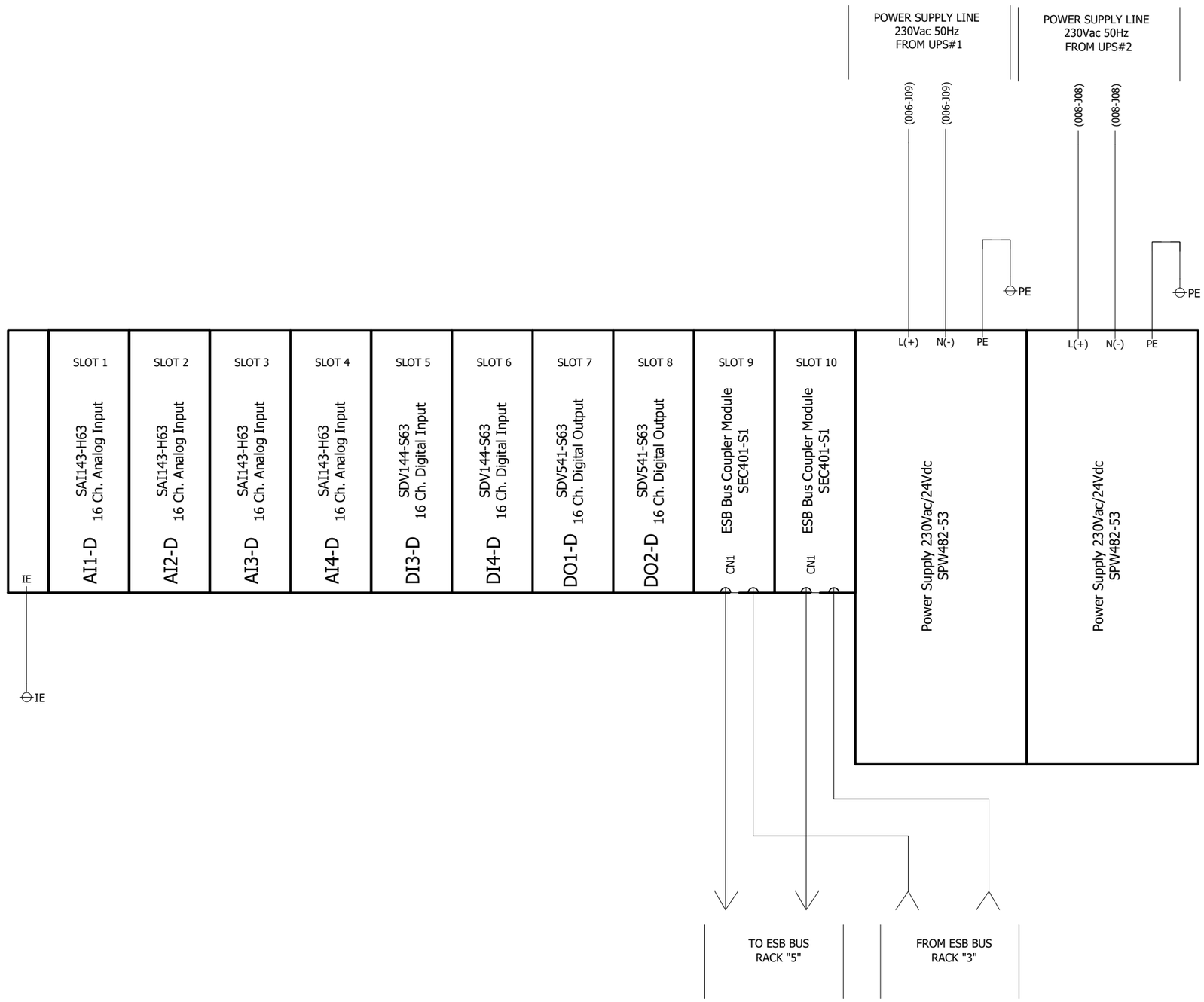
A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 024

REV. 3

FGS PANEL - RACK "4" POWER DISTRIBUTION



REFER TO DOC. N. 1724000594-IN-DG-00016
"NETWORK CONNECTION DIAGRAM"

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - RACK "4" POWER DISTRIBUTION

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

SCALE : 1

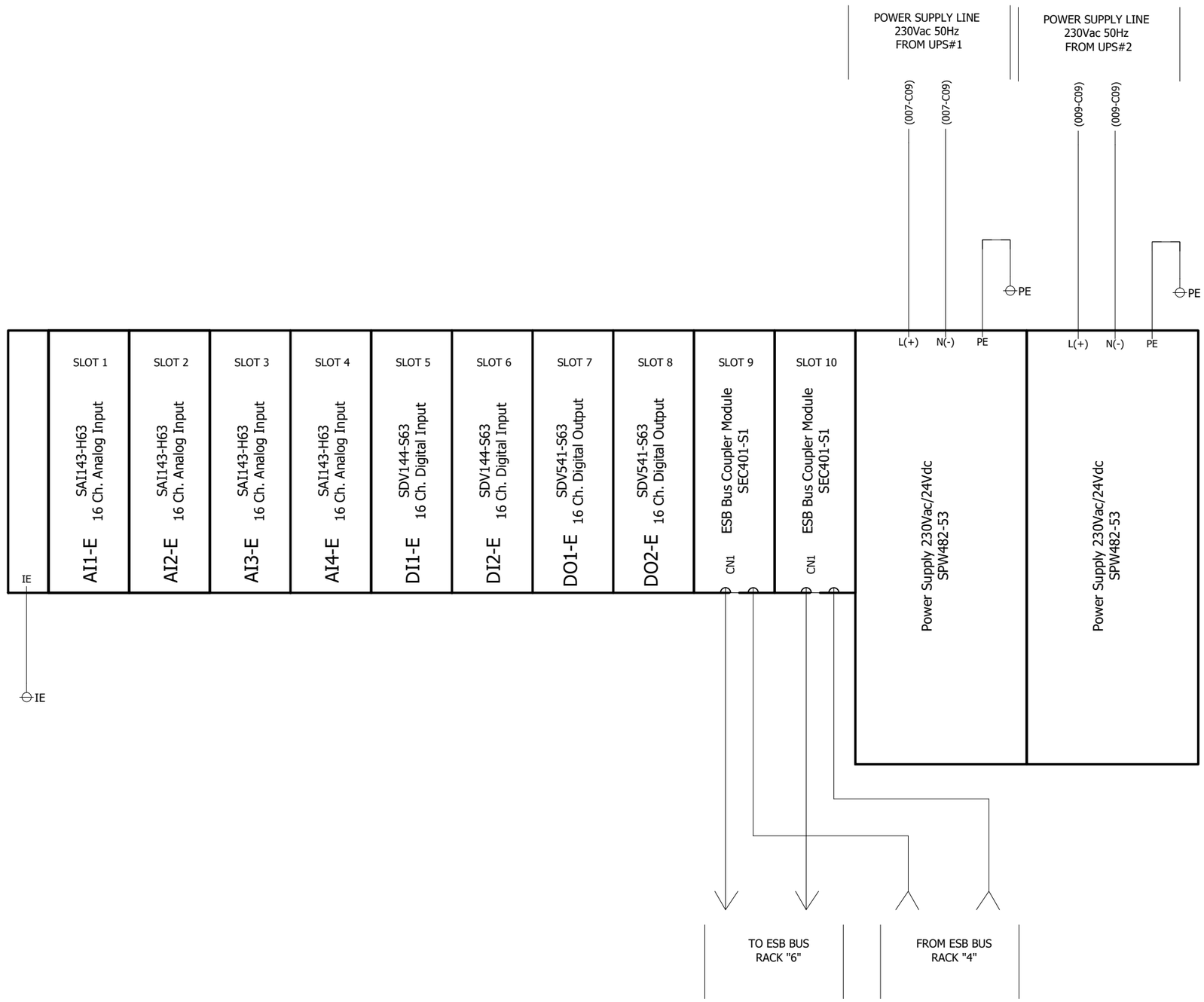
A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 025

REV. 3

FGS PANEL - RACK "5" POWER DISTRIBUTION



REFER TO DOC. N. 1724000594-IN-DG-00016
"NETWORK CONNECTION DIAGRAM"

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - RACK "5" POWER DISTRIBUTION

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

SCALE : 1

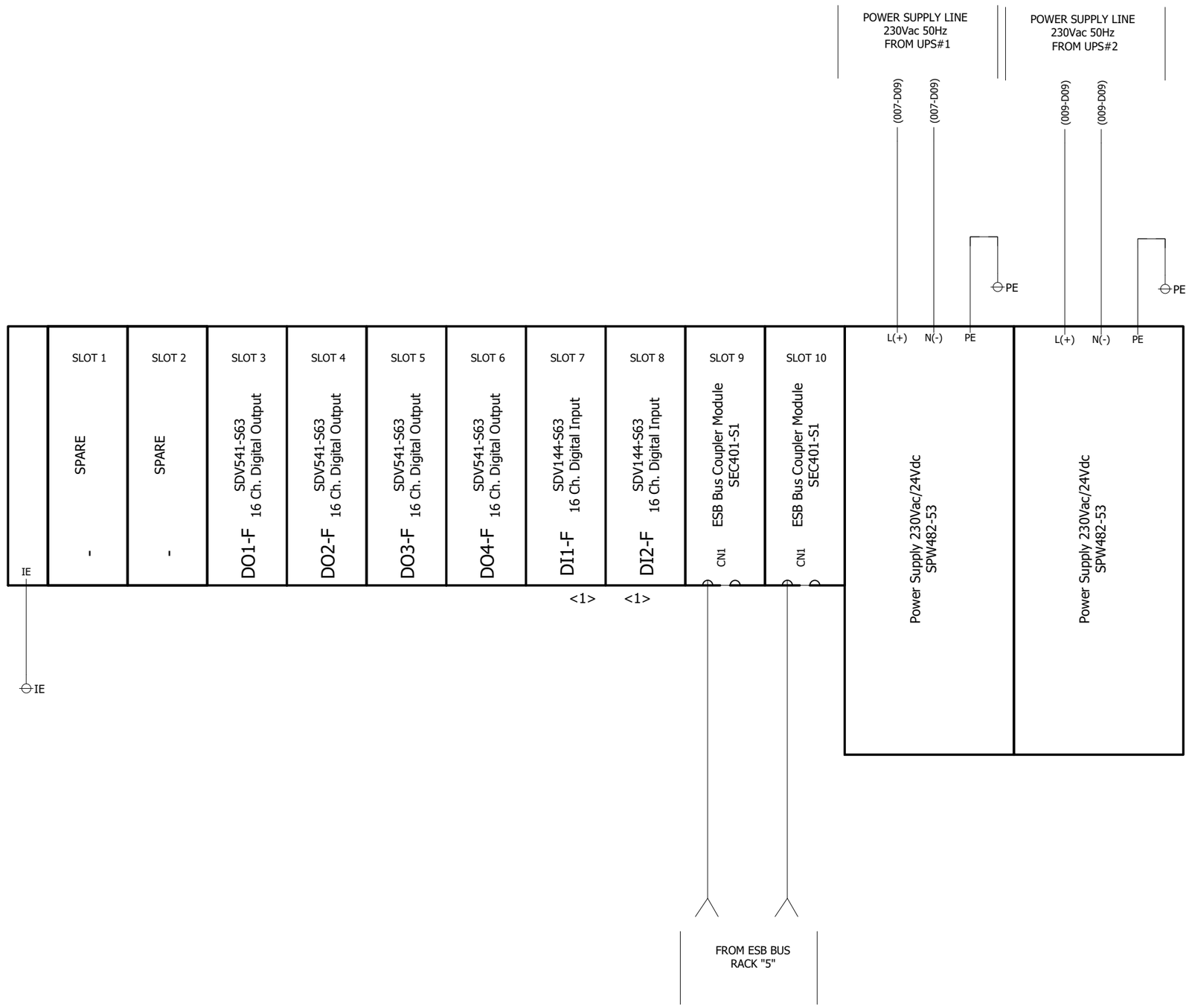
A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 026

REV. 3

FGS PANEL - RACK "6" POWER DISTRIBUTION



REFER TO DOC. N. 1724000594-IN-DG-00016
"NETWORK CONNECTION DIAGRAM"

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - RACK "6" POWER DISTRIBUTION

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

SCALE : 1

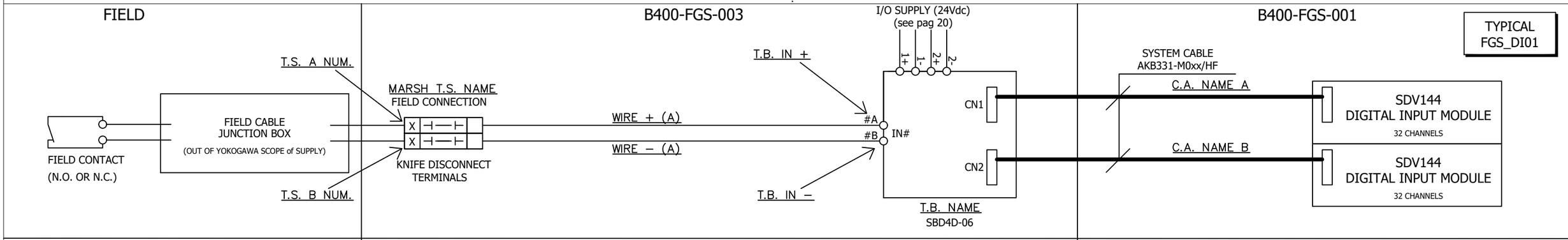
A3

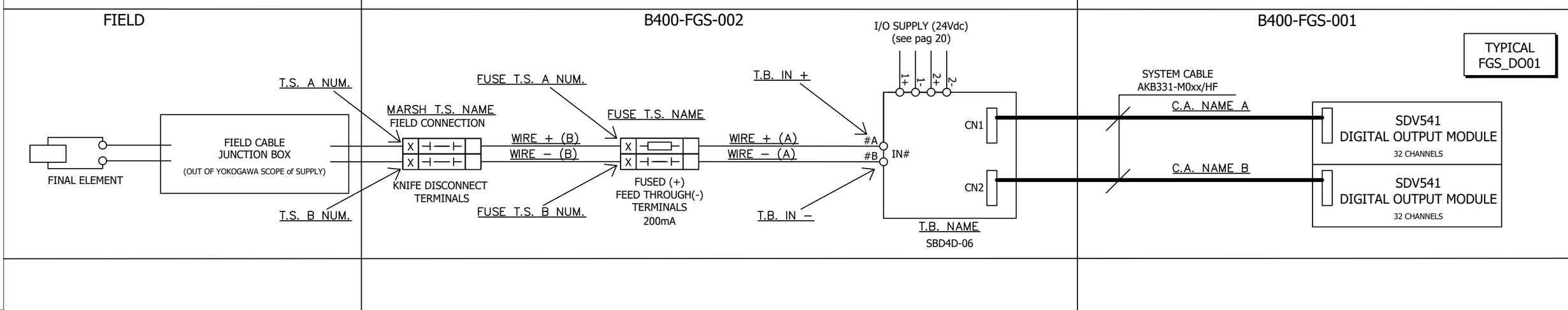
DRAWING NO. 1724000594-IN-DG-00021

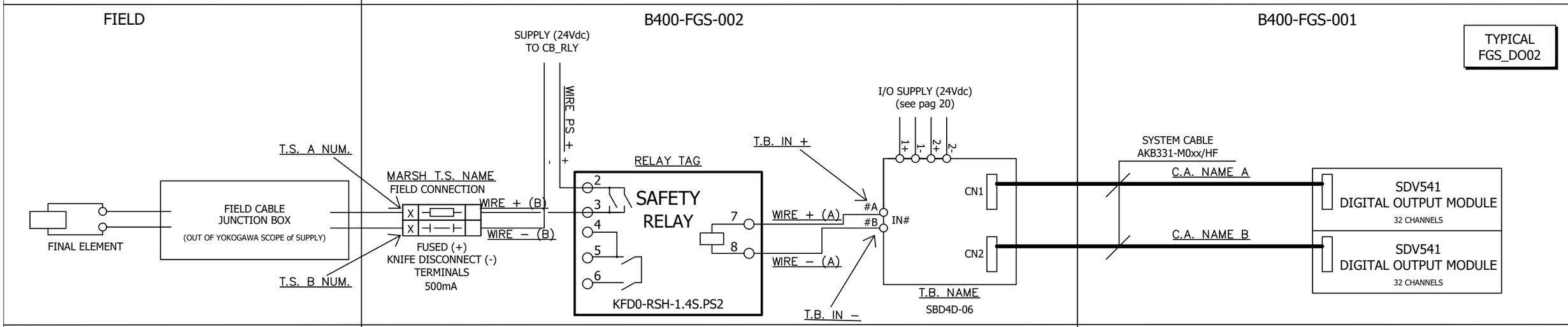
SHEET 027

REV. 3

FGS PANEL - TYPICAL WIRING DIGITAL INPUT/OUTPUT







REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - TYPICAL WIRING DIGITAL INPUT/OUTPUT

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

SCALE : 1

A3

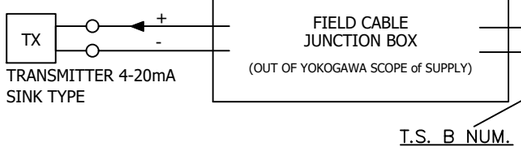
DRAWING NO.
1724000594-IN-DG-00021

SHEET 028

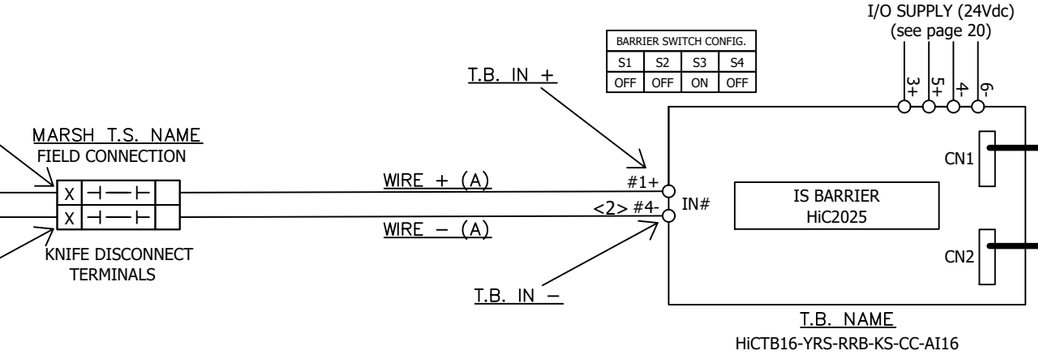
REV. 3

FGS PANEL - TYPICAL WIRING ANALOG INPUT

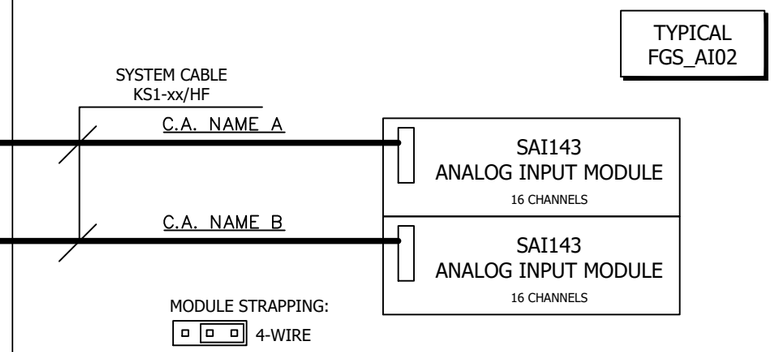
FIELD



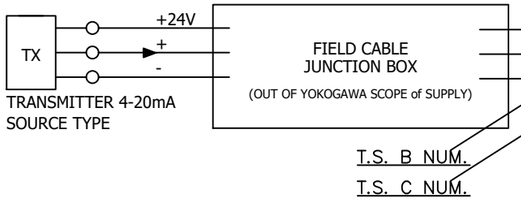
B400-FGS-003



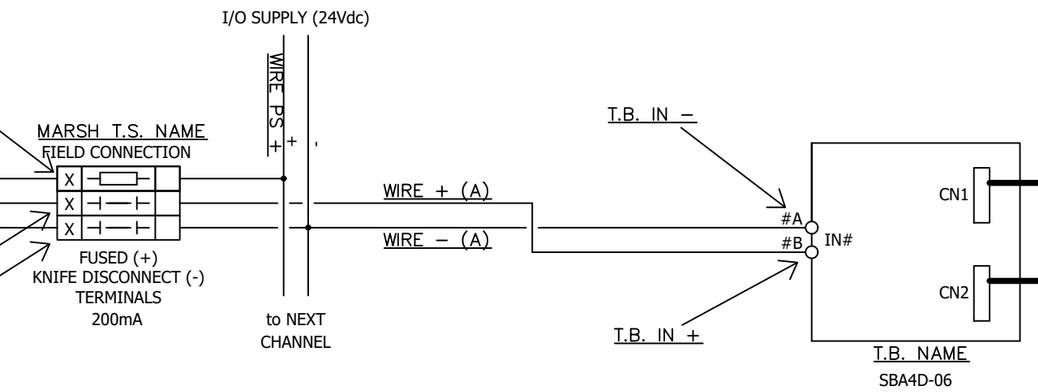
B400-FGS-001



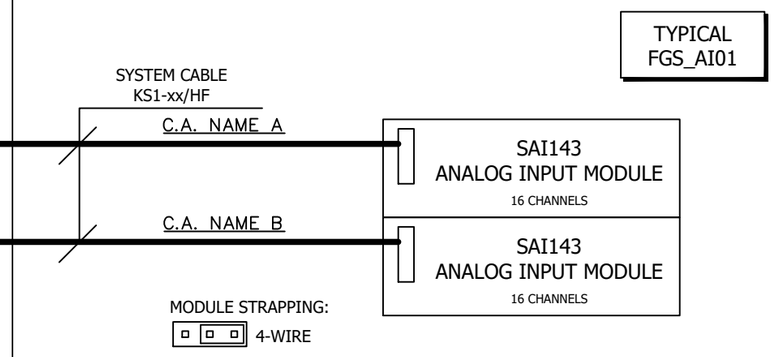
FIELD



B400-FGS-003



B400-FGS-001



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - TYPICAL WIRING ANALOG INPUT

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 029

REV. 3

FIELD

FGS CABINET B400-FGS-003

RIGHT SIDE

BOTTOM PLATE

77-ZSL-001

LIMIT SWITCH DUMPER

TB-B100-HSB-001

1 2

BK 1mmq 03001
WH 1mmq 03002

77-ZSL-002

LIMIT SWITCH DUMPER

3 4

BK 1mmq 03003
WH 1mmq 03004

77-ZSL-003

LIMIT SWITCH DUMPER

5 6

BK 1mmq 03005
WH 1mmq 03006

SAFETY RELAY R1
4 6 7 8
KFD0-RSH-1.4S.PS2

SAFETY RELAY R2
4 6 7 8
KFD0-RSH-1.4S.PS2

SAFETY RELAY R3
4 6 7 8
KFD0-RSH-1.4S.PS2

SAFETY RELAY R4
4 6 7 8
KFD0-RSH-1.4S.PS2

SAFETY RELAY R5
4 6 7 8
KFD0-RSH-1.4S.PS2

SAFETY RELAY R6
4 6 7 8
KFD0-RSH-1.4S.PS2

BK 1mmq 03017
WH 1mmq 03018

TB-RELAY
1 2

BK 1mmq 03019
WH 1mmq 03020

TB-RELAY
3 4

I/O SUPPLY (24Vdc)
1+ 1- 2+ 2-

BK 1mmq 03007 — 1A
WH 1mmq 03008 — 1B — IN1 77-ZSL-001

BK 1mmq 03009 — 2A
WH 1mmq 03010 — 2B — IN2 77-ZSL-002

BK 1mmq 03011 — 3A
WH 1mmq 03012 — 3B — IN3 77-ZSL-003

TB-05-03

TERMINAL BOARD SBD4D-06

I/O SUPPLY (24Vdc)
1+ 1- 2+ 2-

BK 1mmq 03013 — 13A
WH 1mmq 03014 — 13B — OUT13 70-XS-011A

BK 1mmq 03015 — 14A
WH 1mmq 03016 — 14B — OUT14 70-XS-011B

TB-06-05

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
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1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - TYPICAL WIRING DIGITAL INPUT/OUTPUT

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 030

REV. 3

FIELD

FGS CABINET B400-FGS-003

RIGHT SIDE

BOTTOM PLATE

77-ZSL-004

LIMIT SWITCH
DUMPER

TB-B200-HSB-001

1 — BK 1mmq 030A01
2 — WH 1mmq 030A02

77-ZSL-005

LIMIT SWITCH
DUMPER

3 — BK 1mmq 030A03
4 — WH 1mmq 030A04

SAFETY RELAY R7 — KFD0-RSH-1.4S.PS2 (4, 6, 7, 8)

SAFETY RELAY R8 — KFD0-RSH-1.4S.PS2 (4, 6, 7, 8)

SAFETY RELAY R9 — KFD0-RSH-1.4S.PS2 (4, 6, 7, 8)

SAFETY RELAY R10 — KFD0-RSH-1.4S.PS2 (4, 6, 7, 8)

77-ZSL-006

LIMIT SWITCH
DUMPER

5 — BK 1mmq 030A05
6 — WH 1mmq 030A06

SAFETY RELAY R11 — KFD0-RSH-1.4S.PS2 (4, 6, 7, 8)

SAFETY RELAY R12 — KFD0-RSH-1.4S.PS2 (4, 6, 7, 8)

BK 1mmq 030A17
WH 1mmq 030A18

TB-RELAY
5
6

BK 1mmq 030A19
WH 1mmq 030A20

TB-RELAY
7
8

I/O SUPPLY (24Vdc)
1+ 1- 2+ 2-

TERMINAL BOARD SBD4D-06

BK 1mmq 030A07 — 4A
WH 1mmq 030A08 — 4B — IN4 77-ZSL-004

BK 1mmq 030A09 — 5A
WH 1mmq 030A10 — 5B — IN5 77-ZSL-005

BK 1mmq 030A11 — 6A
WH 1mmq 030A12 — 6B — IN6 77-ZSL-006

TB-05-03

I/O SUPPLY (24Vdc)
1+ 1- 2+ 2-

BK 1mmq 030A13 — 15A
WH 1mmq 030A14 — 15B — OUT15 70-XS-012A

BK 1mmq 030A15 — 16A
WH 1mmq 030A16 — 16B — OUT16 70-XS-012B

TB-06-05

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA

PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - TYPICAL WIRING DIGITAL INPUT/OUTPUT

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

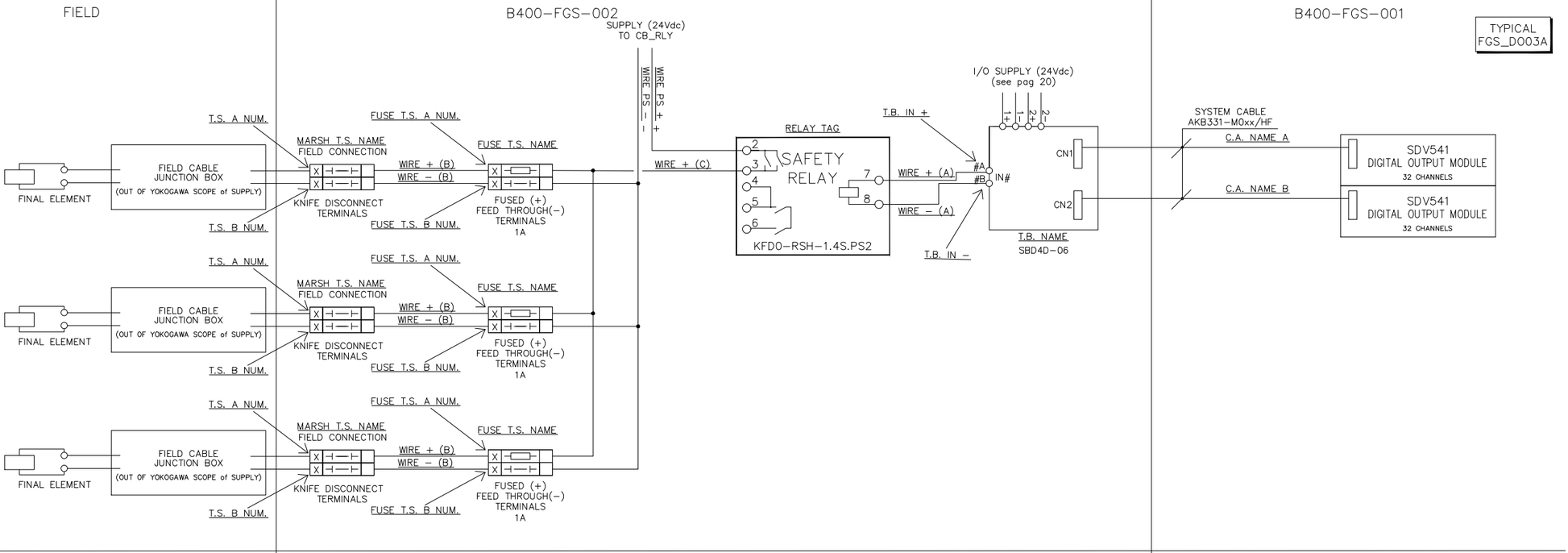
SCALE : 1

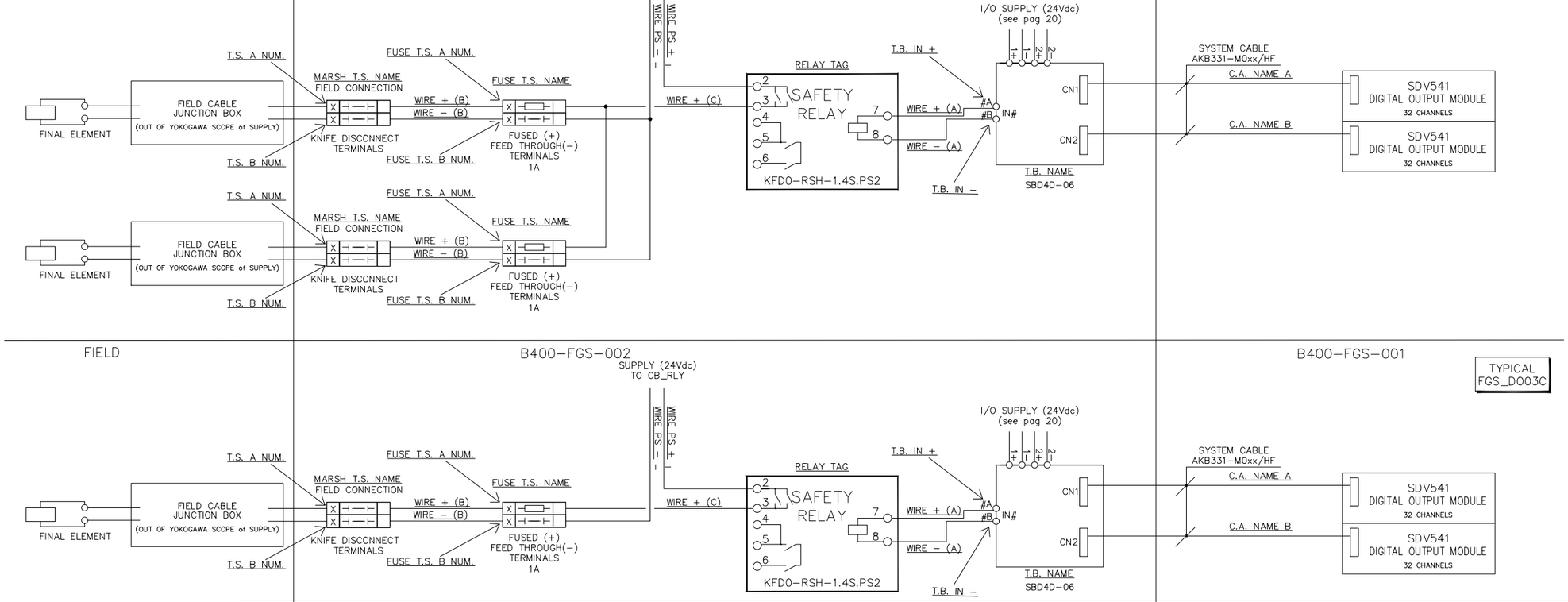
A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 030A

REV. 3





REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - TYPICAL WIRING DIGITAL INPUT/OUTPUT

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 030B

REV. 3

FGS PANEL - TB-950-JE-01103 + TB-950-JE-03103 + TB-950-JE-04102 + TB-950-JE-05102 + TB-950-JE-06102

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM	WIRE + (A)	WIRE - (A)	WIRE SECTION (A)	WIRE COLOUR + (A)	WIRE COLOUR - (A)	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
950-MFA-01101	DI	TB-950-JE-01103	01	02	03101	03102	1mm²	BK	WH	TB-02-05	01A	01B	02	05	01	CA_02_05	CA_02_06	FGS_DI01
950-MFA-01102	DI	TB-950-JE-01103	03	04	03103	03104	1mm²	BK	WH	TB-02-05	02A	02B	02	05	02	CA_02_05	CA_02_06	FGS_DI01
950-MFA-01103	DI	TB-950-JE-01103	05	06	03105	03106	1mm²	BK	WH	TB-02-05	03A	03B	02	05	03	CA_02_05	CA_02_06	FGS_DI01
SPARE	DI	TB-950-JE-01103	07	08														
SPARE	DI	TB-950-JE-01103	09	10														
SPARE	DI	TB-950-JE-01103	11	12														
950-MFA-03101	DI	TB-950-JE-03103	01	02	03107	03108	1mm²	BK	WH	TB-02-05	04A	04B	02	05	04	CA_02_05	CA_02_06	FGS_DI01
950-MFA-03102	DI	TB-950-JE-03103	03	04	03109	03110	1mm²	BK	WH	TB-02-05	05A	05B	02	05	05	CA_02_05	CA_02_06	FGS_DI01
950-MFA-03103	DI	TB-950-JE-03103	05	06	03111	03112	1mm²	BK	WH	TB-02-05	06A	06B	02	05	06	CA_02_05	CA_02_06	FGS_DI01
950-MFA-03104	DI	TB-950-JE-03103	07	08	03113	03114	1mm²	BK	WH	TB-02-05	07A	07B	02	05	07	CA_02_05	CA_02_06	FGS_DI01
WS0120020508	DI	TB-950-JE-03103	09	10	03115	03116	1mm²	BK	WH	TB-02-05	08A	08B	02	05	08	CA_02_05	CA_02_06	FGS_DI01
WS0120020509	DI	TB-950-JE-03103	11	12	03117	03118	1mm²	BK	WH	TB-02-05	09A	09B	02	05	09	CA_02_05	CA_02_06	FGS_DI01
950-MFA-04101	DI	TB-950-JE-04102	01	02	03119	03120	1mm²	BK	WH	TB-03-05	01A	01B	03	05	01	CA_03_05	CA_03_06	FGS_DI01
950-MFA-04102	DI	TB-950-JE-04102	03	04	03121	03122	1mm²	BK	WH	TB-03-05	02A	02B	03	05	02	CA_03_05	CA_03_06	FGS_DI01
SPARE	DI	TB-950-JE-04102	05	06														
SPARE	DI	TB-950-JE-04102	07	08														
SPARE	DI	TB-950-JE-04102	09	10														
SPARE	DI	TB-950-JE-04102	11	12														
950-MFA-05101	DI	TB-950-JE-05102	01	02	03123	03124	1mm²	BK	WH	TB-03-05	03A	03B	03	05	03	CA_03_05	CA_03_06	FGS_DI01
950-MFA-05102	DI	TB-950-JE-05102	03	04	03125	03126	1mm²	BK	WH	TB-03-05	04A	04B	03	05	04	CA_03_05	CA_03_06	FGS_DI01
950-MFA-05103	DI	TB-950-JE-05102	05	06	03127	03128	1mm²	BK	WH	TB-03-05	05A	05B	03	05	05	CA_03_05	CA_03_06	FGS_DI01
950-MFA-05104	DI	TB-950-JE-05102	07	08	03129	03130	1mm²	BK	WH	TB-03-05	06A	06B	03	05	06	CA_03_05	CA_03_06	FGS_DI01
SPARE	DI	TB-950-JE-05102	09	10														
SPARE	DI	TB-950-JE-05102	11	12														
950-MFA-06101	DI	TB-950-JE-06102	01	02	03131	03132	1mm²	BK	WH	TB-03-05	07A	07B	03	05	07	CA_03_05	CA_03_06	FGS_DI01
950-MFA-06102	DI	TB-950-JE-06102	03	04	03133	03134	1mm²	BK	WH	TB-03-05	08A	08B	03	05	08	CA_03_05	CA_03_06	FGS_DI01
WS0120030509	DI	TB-950-JE-06102	05	06	03135	03136	1mm²	BK	WH	TB-03-05	09A	09B	03	05	09	CA_03_05	CA_03_06	FGS_DI01
WS0120030510	DI	TB-950-JE-06102	07	08	03137	03138	1mm²	BK	WH	TB-03-05	10A	10B	03	05	10	CA_03_05	CA_03_06	FGS_DI01
SPARE	DI	TB-950-JE-06102	09	10														
SPARE	DI	TB-950-JE-06102	11	12														

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - DIGITAL INPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 031

REV. 3

FGS PANEL - TB-B400-FGS-002-1 + TB-B100-HSB-001 + TB-B200-HSB-001 + TB-B300-HSB-001 + TB-B400-HSB-001

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM	WIRE + (A)	WIRE - (A)	WIRE SECTION (A)	WIRE COLOUR + (A)	WIRE COLOUR - (A)	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
950-MFA-02101	DI	TB-B400-FGS-002-1	01	02	03201	03202	1mm²	BK	WH	TB-04-05	01A	01B	04	05	01	CA_04_05	CA_04_06	FGS_DI01
950-MFA-04201	DI	TB-B400-FGS-002-1	03	04	03203	03204	1mm²	BK	WH	TB-04-05	02A	02B	04	05	02	CA_04_05	CA_04_06	FGS_DI01
950-MFA-04202	DI	TB-B400-FGS-002-1	05	06	03205	03206	1mm²	BK	WH	TB-04-05	03A	03B	04	05	03	CA_04_05	CA_04_06	FGS_DI01
950-MFA-04203	DI	TB-B400-FGS-002-1	07	08	03207	03208	1mm²	BK	WH	TB-04-05	04A	04B	04	05	04	CA_04_05	CA_04_06	FGS_DI01
950-MFA-05201	DI	TB-B400-FGS-002-1	09	10	03209	03210	1mm²	BK	WH	TB-04-05	05A	05B	04	05	05	CA_04_05	CA_04_06	FGS_DI01
950-MFA-06201	DI	TB-B400-FGS-002-1	11	12	03211	03212	1mm²	BK	WH	TB-04-05	06A	06B	04	05	06	CA_04_05	CA_04_06	FGS_DI01
950-MFA-07101	DI	TB-B400-FGS-002-1	13	14	03213	03214	1mm²	BK	WH	TB-04-05	07A	07B	04	05	07	CA_04_05	CA_04_06	FGS_DI01
77-ZSL-001	DI	TB-B100-HSB-001	01	02	03215	03216	1mm²	BK	WH	TB-05-03	01A	01B	05	03	01	CA_05_03	CA_05_04	FGS_DI01
77-ZSL-002	DI	TB-B100-HSB-001	03	04	03217	03218	1mm²	BK	WH	TB-05-03	02A	02B	05	03	02	CA_05_03	CA_05_04	FGS_DI01
77-ZSL-003	DI	TB-B100-HSB-001	05	06	03219	03220	1mm²	BK	WH	TB-05-03	03A	03B	05	03	03	CA_05_03	CA_05_04	FGS_DI01
SPARE	DI	TB-B100-HSB-001	07	08														
SPARE	DI	TB-B100-HSB-001	09	10														
SPARE	DI	TB-B100-HSB-001	11	12														
77-ZSL-004	DI	TB-B200-HSB-001	01	02	03221	03222	1mm²	BK	WH	TB-05-03	04A	04B	05	03	04	CA_05_03	CA_05_04	FGS_DI01
77-ZSL-005	DI	TB-B200-HSB-001	03	04	03223	03224	1mm²	BK	WH	TB-05-03	05A	05B	05	03	05	CA_05_03	CA_05_04	FGS_DI01
77-ZSL-006	DI	TB-B200-HSB-001	05	06	03225	03226	1mm²	BK	WH	TB-05-03	06A	06B	05	03	06	CA_05_03	CA_05_04	FGS_DI01
SPARE	DI	TB-B200-HSB-001	07	08														
SPARE	DI	TB-B200-HSB-001	09	10														
SPARE	DI	TB-B200-HSB-001	11	12														
77-ZSL-007	DI	TB-B300-HSB-001	01	02	03227	03228	1mm²	BK	WH	TB-05-03	07A	07B	05	03	07	CA_05_03	CA_05_04	FGS_DI01
77-ZSL-008	DI	TB-B300-HSB-001	03	04	03229	03230	1mm²	BK	WH	TB-05-03	08A	08B	05	03	08	CA_05_03	CA_05_04	FGS_DI01
77-ZSL-009	DI	TB-B300-HSB-001	05	06	03231	03232	1mm²	BK	WH	TB-06-07	01A	01B	06	07	01	CA_06_07	CA_06_08	FGS_DI01
77-ZSL-010	DI	TB-B300-HSB-001	07	08	03233	03234	1mm²	BK	WH	TB-06-07	02A	02B	06	07	02	CA_06_07	CA_06_08	FGS_DI01
77-ZSL-011	DI	TB-B300-HSB-001	09	10	03235	03236	1mm²	BK	WH	TB-06-07	03A	03B	06	07	03	CA_06_07	CA_06_08	FGS_DI01
SPARE	DI	TB-B300-HSB-001	11	12														
77-ZSL-012	DI	TB-B400-HSB-001	01	02	03237	03238	1mm²	BK	WH	TB-06-07	04A	04B	06	07	04	CA_06_07	CA_06_08	FGS_DI01
77-ZSL-013	DI	TB-B400-HSB-001	03	04	03239	03240	1mm²	BK	WH	TB-06-07	05A	05B	06	07	05	CA_06_07	CA_06_08	FGS_DI01
77-ZSL-014	DI	TB-B400-HSB-001	05	06	03241	03242	1mm²	BK	WH	TB-06-07	06A	06B	06	07	06	CA_06_07	CA_06_08	FGS_DI01
77-ZSL-015	DI	TB-B400-HSB-001	07	08	03243	03244	1mm²	BK	WH	TB-06-07	07A	07B	06	07	07	CA_06_07	CA_06_08	FGS_DI01
77-ZSL-016	DI	TB-B400-HSB-001	09	10	03245	03246	1mm²	BK	WH	TB-06-07	08A	08B	06	07	08	CA_06_07	CA_06_08	FGS_DI01

FOR SIGNALS: 70-XA-051 - 70-XA-052 - 70-XA-053 - 70-XA-054 SEE PAG 021

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND ROSETTI MARINO

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - DIGITAL INPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 032

REV. 3

FGS PANEL - AT02 + TB-P320PLC + TB-20-UCP-001 + TB-80-UCP-001 + TB-50-LP-002

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM	WIRE + (A)	WIRE - (A)	WIRE SECTION (A)	WIRE COLOUR + (A)	WIRE COLOUR - (A)	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
FGS001-UA-05	DI				03301	03302	1mm²	BK	WH	TB-02-05	10A	10B	02	05	10	CA_02_05	CA_02_06	FGS_DI01
85-XA-001	DI	TB-P320PLC	01	02	03303	03304	1mm²	BK	WH	TB-05-05	01A	01B	05	05	01	CA_05_05	CA_05_06	FGS_DI01
85-XA-002	DI	TB-P320PLC	03	04	03305	03306	1mm²	BK	WH	TB-05-05	02A	02B	05	05	02	CA_05_05	CA_05_06	FGS_DI01
20-XA-001	DI	TB-20-UCP-001	01	02	03307	03308	1mm²	BK	WH	TB-05-05	03A	03B	05	05	03	CA_05_05	CA_05_06	FGS_DI01
20-XA-002	DI	TB-20-UCP-001	03	04	03309	03310	1mm²	BK	WH	TB-05-05	04A	04B	05	05	04	CA_05_05	CA_05_06	FGS_DI01
80-XA-001	DI	TB-80-UCP-001	01	02	03311	03312	1mm²	BK	WH	TB-05-05	05A	05B	05	05	05	CA_05_05	CA_05_06	FGS_DI01
80-XA-002	DI	TB-80-UCP-001	03	04	03313	03314	1mm²	BK	WH	TB-05-05	06A	06B	05	05	06	CA_05_05	CA_05_06	FGS_DI01
50-XA-001	DI	TB-50-LP-002	01	02	03315	03316	1mm²	BK	WH	TB-05-05	07A	07B	05	05	07	CA_05_05	CA_05_06	FGS_DI01
50-XA-002	DI	TB-50-LP-002	03	04	03317	03318	1mm²	BK	WH	TB-05-05	08A	08B	05	05	08	CA_05_05	CA_05_06	FGS_DI01

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - DIGITAL INPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 033

REV. 3

SHEET LEFT INTENTIONALLY BLANK

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SPARE PAGE

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 034

REV. 3

FGS PANEL - TB-950-JE-01104 + TB-950-JE-02104 + TB-950-JE-03104 + TB-950-JE-04103

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM	WIRE + (A)	WIRE - (A)	WIRE + (B)	WIRE - (B)	WIRE PS +	WIRE SECTION (A+B+PS)	WIRE COLOUR + (A+B)	WIRE COLOUR - (A+B)	WIRE PS	FUSE T.S. NAME	FUSE T.S. A NUM.	FUSE T.S. B NUM.	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	RELAY TAG	TYPICAL	WIRE + (C)
950-XZ-01101	DO	TB-950-JE-01104	01	02	03501	03502	03503	03504	03592	1mm²	BK	WH	03593	TS_02_07	1	2	TB-02-07	01A	01B	02	07	01	CA_02_07	CA_02_08	R102	FGS_DO03B	03594
950-XZ-01102	DO	TB-950-JE-01104	03	04	03505	03506	03507	03508	03589	1mm²	BK	WH	03590	TS_02_07	3	4	TB-02-07	02A	02B	02	07	02	CA_02_07	CA_02_08	R101	FGS_DO03A	03591
950-XL-01101	DO	TB-950-JE-01104	05	06	03509	03510	03511	03512	N/A	1mm²	BK	WH	N/A	TS_02_07	5	6	TB-02-07	03A	03B	02	07	03	CA_02_07	CA_02_08	-	FGS_DO01	-
950-XL-01102	DO	TB-950-JE-01104	07	08	03513	03514	03515	03516	N/A	1mm²	BK	WH	N/A	TS_02_07	7	8	TB-02-07	04A	04B	02	07	04	CA_02_07	CA_02_08	-	FGS_DO01	-
SPARE	DO	TB-950-JE-01104	09	10																							
SPARE	DO	TB-950-JE-01104	11	12																							
950-XZ-02101	DO	TB-950-JE-02104	01	02	03517	03518	03519	03520	03589	1mm²	BK	WH	03590	TS_02_07	9	10	TB-02-07	05A	05B	02	07	05	CA_02_07	CA_02_08	R101	FGS_DO03A	03591
950-XL-02101	DO	TB-950-JE-02104	03	04	03521	03522	03523	03524	N/A	1mm²	BK	WH	N/A	TS_02_07	11	12	TB-02-07	06A	06B	02	07	06	CA_02_07	CA_02_08	-	FGS_DO01	-
950-XL-02102	DO	TB-950-JE-02104	05	06	03525	03526	03527	03528	N/A	1mm²	BK	WH	N/A	TS_02_07	13	14	TB-02-07	07A	07B	02	07	07	CA_02_07	CA_02_08	-	FGS_DO01	-
WS0120020714	DO	TB-950-JE-02104	07	08	03529	03530	03531	03532	N/A	1mm²	BK	WH	N/A	TS_02_07	15	16	TB-02-07	14A	14B	02	07	14	CA_02_07	CA_02_08	-	FGS_DO01	-
WS0120020715	DO	TB-950-JE-02104	09	10	03533	03534	03535	03536	N/A	1mm²	BK	WH	N/A	TS_02_07	17	18	TB-02-07	15A	15B	02	07	15	CA_02_07	CA_02_08	-	FGS_DO01	-
WS0120020716	DO	TB-950-JE-02104	11	12	03537	03538	03539	03540	N/A	1mm²	BK	WH	N/A	TS_02_07	19	20	TB-02-07	16A	16B	02	07	16	CA_02_07	CA_02_08	-	FGS_DO01	-
950-XZ-03101	DO	TB-950-JE-03104	01	02	03541	03542	03543	03544	03592	1mm²	BK	WH	03593	TS_02_07	21	22	TB-02-07	08A	08B	02	07	08	CA_02_07	CA_02_08	R102	FGS_DO03B	03594
950-XZ-03102	DO	TB-950-JE-03104	03	04	03545	03546	03547	03548	03589	1mm²	BK	WH	03590	TS_02_07	23	24	TB-02-07	09A	09B	02	07	09	CA_02_07	CA_02_08	R101	FGS_DO03A	03591
950-XL-03101	DO	TB-950-JE-03104	05	06	03549	03550	03551	03552	N/A	1mm²	BK	WH	N/A	TS_02_07	25	26	TB-02-07	10A	10B	02	07	10	CA_02_07	CA_02_08	-	FGS_DO01	-
950-XL-03102	DO	TB-950-JE-03104	07	08	03553	03554	03555	03556	N/A	1mm²	BK	WH	N/A	TS_02_07	27	28	TB-02-07	11A	11B	02	07	11	CA_02_07	CA_02_08	-	FGS_DO01	-
950-XL-03103	DO	TB-950-JE-03104	09	10	03557	03558	03559	03560	N/A	1mm²	BK	WH	N/A	TS_02_07	29	30	TB-02-07	12A	12B	02	07	12	CA_02_07	CA_02_08	-	FGS_DO01	-
950-XL-03104	DO	TB-950-JE-03104	11	12	03561	03562	03563	03564	N/A	1mm²	BK	WH	N/A	TS_02_07	31	32	TB-02-07	13A	13B	02	07	13	CA_02_07	CA_02_08	-	FGS_DO01	-
950-XZ-04101	DO	TB-950-JE-04103	01	02	03565	03566	03567	03568	03598	1mm²	BK	WH	03599	TS_03_07	1	2	TB-03-07	01A	01B	03	07	01	CA_03_07	CA_03_08	R108	FGS_DO03B	035100
950-XZ-04102	DO	TB-950-JE-04103	03	04	03569	03570	03571	03572	03595	1mm²	BK	WH	03596	TS_03_07	3	4	TB-03-07	02A	02B	03	07	02	CA_03_07	CA_03_08	R105	FGS_DO03A	03597
950-XL-04101	DO	TB-950-JE-04103	05	06	03573	03574	03575	03576	N/A	1mm²	BK	WH	N/A	TS_03_07	5	6	TB-03-07	03A	03B	03	07	03	CA_03_07	CA_03_08	-	FGS_DO01	-
950-XL-04102	DO	TB-950-JE-04103	07	08	03577	03578	03579	03580	N/A	1mm²	BK	WH	N/A	TS_03_07	7	8	TB-03-07	04A	04B	03	07	04	CA_03_07	CA_03_08	-	FGS_DO01	-
950-XL-04103	DO	TB-950-JE-04103	09	10	03581	03582	03583	03584	N/A	1mm²	BK	WH	N/A	TS_03_07	9	10	TB-03-07	05A	05B	03	07	05	CA_03_07	CA_03_08	-	FGS_DO01	-
950-XL-04104	DO	TB-950-JE-04103	11	12	03585	03586	03587	03588	N/A	1mm²	BK	WH	N/A	TS_03_07	11	12	TB-03-07	06A	06B	03	07	06	CA_03_07	CA_03_08	-	FGS_DO01	-

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - DIGITAL OUTPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 035

REV. 3

FGS PANEL - TB-950-JE-04203 + TB-950-JE-04207 + TB-950-JE-05103

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM	WIRE + (A)	WIRE - (A)	WIRE + (B)	WIRE - (B)	WIRE PS +	WIRE SECTION (A+B+PS)	WIRE COLOUR + (A+B)	WIRE COLOUR - (A+B)	WIRE PS COLOUR	FUSE T.S. NAME	FUSE T.S. A NUM.	FUSE T.S. B NUM.	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	RELAY TAG	TYPICAL	WIRE + (C)
950-XZ-04203	DO	TB-950-JE-04203	01	02	03601	03602	03603	03604	036102	1mm²	BK	WH	036103	TS_03_07	13	14	TB-03-07	07A	07B	03	07	07	CA_03_07	CA_03_08	R104	FGS_DO03B	036104
950-XL-04205	DO	TB-950-JE-04203	03	04	03605	03606	03607	03608	N/A	1mm²	BK	WH	N/A	TS_03_07	15	16	TB-03-07	08A	08B	03	07	08	CA_03_07	CA_03_08	-	FGS_DO01	-
950-XL-04206	DO	TB-950-JE-04203	05	06	03609	03610	03611	03612	N/A	1mm²	BK	WH	N/A	TS_03_07	17	18	TB-03-07	09A	09B	03	07	09	CA_04_07	CA_04_08	-	FGS_DO01	-
77-HY-004	DO	TB-950-JE-04203	07	08	03613	03614	03615	03616	03617	1mm²	BK	WH	RD	N/A			TB-03-07	11A	11B	03	07	11	CA_04_07	CA_04_08	KA2	FGS_DO02	-
77-HY-005	DO	TB-950-JE-04203	09	10	03618	03619	03620	03621	03622	1mm²	BK	WH	RD	N/A			TB-04-07	04A	04B	04	07	04	CA_04_07	CA_04_08	KA3	FGS_DO02	-
77-HY-006	DO	TB-950-JE-04203	11	12	03623	03624	03625	03626	03627	1mm²	BK	WH	RD	N/A			TB-04-07	05A	05B	04	07	05	CA_04_07	CA_04_08	KA4	FGS_DO02	-
950-XZ-04202	DO	TB-950-JE-04207	1	2	03628	03629	03630	03631	036108	1mm²	BK	WH	036109	TS_04_07	19	20	TB-04-07	01A	01B	04	07	01	CA_04_07	CA_04_08	R107	FGS_DO03B	036110
950-XL-04203	DO	TB-950-JE-04207	3	4	03631	03632	03633	03634	N/A	1mm²	BK	WH	N/A	TS_04_07	21	22	TB-04-07	02A	02B	04	07	02	CA_04_07	CA_04_08	-	FGS_DO01	-
950-XL-04204	DO	TB-950-JE-04207	5	6	03634	03635	03636	03637	N/A	1mm²	BK	WH	N/A	TS_04_07	23	24	TB-04-07	03A	03B	04	07	03	CA_04_07	CA_04_08	-	FGS_DO01	-
77-HY-007	DO	TB-950-JE-04207	7	8	03638	03639	03640	03641	03642	1mm²	BK	WH	RD	N/A			TB-06-03	07A	07B	06	03	07	CA_06_05	CA_06_06	KA7	FGS_DO02	-
77-HY-008	DO	TB-950-JE-04207	9	10	03643	03644	03645	03646	03647	1mm²	BK	WH	RD	N/A			TB-06-03	08A	08B	06	03	08	CA_06_05	CA_06_06	KA8	FGS_DO02	-
77-HY-009	DO	TB-950-JE-04207	11	12	03648	03649	03650	03651	03652	1mm²	BK	WH	RD	N/A			TB-06-05	01A	01B	06	05	01	CA_06_05	CA_06_06	KA9	FGS_DO02	-
77-HY-010	DO	TB-950-JE-04207	13	14	03653	03654	03655	03656	03657	1mm²	BK	WH	RD	N/A			TB-06-05	02A	02B	06	05	02	CA_06_05	CA_06_06	KA10	FGS_DO02	-
77-HY-011	DO	TB-950-JE-04207	15	16	03658	03659	03660	03661	03662	1mm²	BK	WH	RD	N/A			TB-06-05	03A	03B	06	05	03	CA_06_05	CA_06_06	KA11	FGS_DO02	-
WS0120060509	DO	TB-950-JE-04207	17	18	03663	03664	03665	03666	03667	1mm²	BK	WH	RD	N/A			TB-06-05	09A	09B	06	05	09	CA_06_05	CA_06_06	KA17	FGS_DO02	-
WS0120060510	DO	TB-950-JE-04207	19	20	03668	03669	03670	03671	03672	1mm²	BK	WH	RD	N/A			TB-06-05	10A	10B	06	05	10	CA_06_05	CA_06_06	KA18	FGS_DO02	-
WS0120030712	DO	TB-950-JE-04207	21	22	03673	03674	03675	03676	03677	1mm²	BK	WH	RD	N/A			TB-03-07	12A	12B	03	07	12	CA_04_07	CA_04_08	KA19	FGS_DO02	-
WS0120030713	DO	TB-950-JE-04207	23	24	03678	03679	03680	03681	03682	1mm²	BK	WH	RD	N/A			TB-03-07	13A	13B	03	07	13	CA_04_07	CA_04_08	KA20	FGS_DO02	-
950-XZ-05101	DO	TB-950-JE-05103	01	02	03683	03684	03685	03686	03699	1mm²	BK	WH	036100	TS_04_07	1	2	TB-04-07	06A	06B	04	07	06	CA_04_07	CA_04_08	R103	FGS_DO03B	036101
950-XZ-05102	DO	TB-950-JE-05103	03	04	03687	03688	03689	03690	036105	1mm²	BK	WH	036106	TS_04_07	3	4	TB-04-07	07A	07B	04	07	07	CA_04_07	CA_04_08	R106	FGS_DO03B	036107
950-XZ-05103	DO	TB-950-JE-05103	05	06	03691	03692	03693	03694	03699	1mm²	BK	WH	036100	TS_04_07	5	6	TB-04-07	08A	08B	04	07	08	CA_04_07	CA_04_08	R103	FGS_DO03B	036101
950-XZ-05104	DO	TB-950-JE-05103	07	08	03695	03696	03697	03698	036105	1mm²	BK	WH	036106	TS_04_07	7	8	TB-04-07	09A	09B	04	07	09	CA_04_07	CA_04_08	R106	FGS_DO03B	036107
SPARE	DO	TB-950-JE-05103	09	10																							
SPARE	DO	TB-950-JE-05103	11	12																							

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - DIGITAL OUTPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 036

REV. 3

FGS PANEL - TB-950-JE-05104 + TB-950-JE-06103 + TB-950-JE-06203 + TB-950-JE-07101

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM	WIRE + (A)	WIRE - (A)	WIRE + (B)	WIRE - (B)	WIRE PS +	WIRE SECTION (A+B+PS)	WIRE COLOUR + (A+B)	WIRE COLOUR - (A+B)	WIRE PS COLOUR	FUSE T.S. NAME	WIRE PS-	FUSE T.S. A NUM.	FUSE T.S. B NUM.	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	RELAY TAG	TYPICAL	WIRE + (C)
950-XZ-05201	DO	TB-950-JE-05104	01	02	03701	03702	03703	03704	03595	1mm²	BK	WH	N/A	TS_04_07	03596	9	10	TB-04-07	10A	10B	04	07	10	CA_04_07	CA_04_08	R105	FGS_DO03B	03597
950-XL-05201	DO	TB-950-JE-05104	03	04	03705	03706	03707	03708	037102	1mm²	BK	WH	N/A	TS_04_07	037103	11	12	TB-04-07	11A	11B	04	07	11	CA_05_07	CA_05_08	R111	FGS_DO03C	037104
950-XL-05202	DO	TB-950-JE-05104	05	06	03709	03710	03711	03712	03799	1mm²	BK	WH	N/A	TS_04_07	037100	13	14	TB-04-07	12A	12B	04	07	12	CA_05_07	CA_05_08	R110	FGS_DO03C	037101
WS0120040713	DO	TB-950-JE-05104	07	08	03713	03714	03715	03716	N/A	1mm²	BK	WH	N/A	TS_04_07		15	16	TB-04-07	13A	13B	04	07	13	CA_05_07	CA_05_08	-	FGS_DO01	
WS0120040714	DO	TB-950-JE-05104	09	10	03717	03718	03719	03720	N/A	1mm²	BK	WH	N/A	TS_04_07		17	18	TB-04-07	14A	14B	04	07	14	CA_05_07	CA_05_08	-	FGS_DO01	
SPARE	DO	TB-950-JE-05104	11	12																								
950-XZ-06101	DO	TB-950-JE-06103	01	02	03721	03722	03723	03724	03598	1mm²	BK	WH	N/A	TS_05_07	03599	1	2	TB-05-07	01A	01B	05	07	01	CA_05_07	CA_05_08	R108	FGS_DO03B	035100
950-XL-06101	DO	TB-950-JE-06103	03	04	03725	03726	03727	03728	N/A	1mm²	BK	WH	N/A	TS_05_07		3	4	TB-05-07	02A	02B	05	07	02	CA_05_07	CA_05_08	-	FGS_DO01	
950-XL-06102	DO	TB-950-JE-06103	05	06	03729	03730	03731	03732	N/A	1mm²	BK	WH	N/A	TS_05_07		5	6	TB-05-07	03A	03B	05	07	03	CA_06_03	CA_06_04	-	FGS_DO01	
950-XL-06103	DO	TB-950-JE-06103	07	08	03733	03734	03735	03736	N/A	1mm²	BK	WH	N/A	TS_05_07		7	8	TB-05-07	04A	04B	05	07	04	CA_06_03	CA_06_04	-	FGS_DO01	
950-XL-06104	DO	TB-950-JE-06103	09	10	03737	03738	03739	03740	N/A	1mm²	BK	WH	N/A	TS_05_07		9	10	TB-05-07	05A	05B	05	07	05	CA_06_05	CA_06_06	-	FGS_DO01	
WS0120050711	DO	TB-950-JE-06103	11	12	03741	03742	03743	03744	N/A	1mm²	BK	WH	N/A	TS_05_07		11	12	TB-05-07	11A	11B	05	07	11	CA_06_05	CA_06_06	-	FGS_DO01	
950-XZ-06201	DO	TB-950-JE-06203	01	02	03745	03746	03747	03748	036108	1mm²	BK	WH	N/A	TS_05_07	035109	13	14	TB-05-07	06A	06B	05	07	06	CA_05_07	CA_05_08	R107	FGS_DO03B	036110
950-XL-06201	DO	TB-950-JE-06203	03	04	03749	03750	03751	03752	N/A	1mm²	BK	WH	N/A	TS_05_07		15	16	TB-05-07	07A	07B	05	07	07	CA_05_07	CA_05_08	-	FGS_DO01	
950-XL-06202	DO	TB-950-JE-06203	05	06	03753	03754	03755	03756	N/A	1mm²	BK	WH	N/A	TS_05_07		17	18	TB-05-07	08A	08B	05	07	08	CA_05_07	CA_05_08	-	FGS_DO01	
77-HY-001	DO	TB-950-JE-06203	07	08	03757	03758	03759	03760	03761	1mm²	BK	WH	RD	N/A				TB-05-07	09A	09B	05	07	09	CA_05_07	CA_05_08	KA5	FGS_DO02	
77-HY-002	DO	TB-950-JE-06203	09	10	03762	03763	03764	03765	03766	1mm²	BK	WH	RD	N/A				TB-05-07	10A	10B	05	07	10	CA_05_07	CA_05_08	KA6	FGS_DO02	
77-HY-003	DO	TB-950-JE-06203	11	12	03767	03768	03769	03770	03771	1mm²	BK	WH	RD	N/A				TB-03-07	10A	10B	03	07	10	CA_03_07	CA_03_08	KA1	FGS_DO02	
950-XZ-07101	DO	TB-950-JE-07101	01	02	03772	03773	03774	03775	03796	1mm²	BK	WH	N/A	TS_06_03	03797	1	2	TB-06-03	01A	01B	06	03	01	CA_06_03	CA_06_04	R109	FGS_DO03C	03798
950-XL-07101	DO	TB-950-JE-07101	03	04	03776	03777	03778	03779	N/A	1mm²	BK	WH	N/A	TS_06_03		3	4	TB-06-03	02A	02B	06	03	02	CA_06_03	CA_06_04	-	FGS_DO01	
950-XL-07102	DO	TB-950-JE-07101	05	06	03780	03781	03782	03783	N/A	1mm²	BK	WH	N/A	TS_06_03		5	6	TB-06-03	03A	03B	06	03	03	CA_06_03	CA_06_04	-	FGS_DO01	
WS0120050712	DO	TB-950-JE-07101	07	08	03784	03785	03786	03787	N/A	1mm²	BK	WH	N/A	TS_05_07		19	20	TB-05-07	12A	12B	05	07	12	CA_05_07	CA_05_08	-	FGS_DO01	
WS0120060310	DO	TB-950-JE-07101	09	10	03788	03789	03790	03791	N/A	1mm²	BK	WH	N/A	TS_06_03		7	8	TB-06-03	10A	10B	06	03	10	CA_06_03	CA_06_04	-	FGS_DO01	
WS0120060311	DO	TB-950-JE-07101	11	12	03792	03793	03794	03795	N/A	1mm²	BK	WH	N/A	TS_06_03		9	10	TB-06-03	11A	11B	06	03	11	CA_06_03	CA_06_04	-	FGS_DO01	

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND ROSETTI MARINO

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - DIGITAL OUTPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 037

REV. 3

FGS PANEL - TB-B400-FGS-002-4 + TB-B400-FGS-002-5 + TB-B400-FGS-002-6 + TB-NC-200F2.01

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S.B NUM.	WIRE + (A)	WIRE - (A)	WIRE + (B)	WIRE - (B)	WIRE PS +	WIRE SECTION (A+B+PS)	WIRE COLOUR + (A+B)	WIRE COLOUR - (A+B)	WIRE PS COLOUR	FUSE T.S. NAME	WIRE PS -	FUSE T.S. A NUM.	FUSE T.S. B NUM.	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	RELAY TAG	TYPICAL	WIRE + (C)
77-HY-015	DO	TB-B400-FGS-002-4	01	02	03801	03802	03803	03804	03805	1mm²	BK	WH	RD	N/A				TB-06-05	07A	07B	06	05	07	CA_06_05	CA_06_06	KA15	FGS_DO02	
77-HY-016	DO	TB-B400-FGS-002-4	03	04	03806	03807	03808	03809	03810	1mm²	BK	WH	RD	N/A				TB-06-05	08A	08B	06	05	08	CA_06_05	CA_06_06	KA16	FGS_DO02	
77-HY-012	DO	TB-B400-FGS-002-5	01	02	03811	03812	03813	03814	03815	1mm²	BK	WH	RD	N/A				TB-06-05	04A	04B	06	05	04	CA_06_05	CA_06_06	KA12	FGS_DO02	
77-HY-013	DO	TB-B400-FGS-002-5	03	04	03816	03817	03818	03819	03820	1mm²	BK	WH	RD	N/A				TB-06-05	05A	05B	06	05	05	CA_06_05	CA_06_06	KA13	FGS_DO02	
77-HY-014	DO	TB-B400-FGS-002-5	05	06	03821	03822	03823	03824	03825	1mm²	BK	WH	RD	N/A				TB-06-05	06A	06B	06	05	06	CA_06_05	CA_06_06	KA14	FGS_DO02	
950-XZ-04201	DO	TB-B400-FGS-002-6	01	02	03826	03827	03828	03829	036102	1mm²	BK	WH	N/A	TS_06_03	036103	11	12	TB-06-03	04A	04B	06	03	04	CA_06_03	CA_06_04	R104	FGS_DO03B	036104
950-XL-04201	DO	TB-B400-FGS-002-6	03	04	03830	03831	03832	03833	N/A	1mm²	BK	WH	N/A	TS_06_03		13	14	TB-06-03	05A	05B	06	03	05	CA_06_03	CA_06_04	-	FGS_DO01	
950-XL-04202	DO	TB-B400-FGS-002-6	05	06	03834	03835	03836	03837	N/A	1mm²	BK	WH	N/A	TS_06_03		15	16	TB-06-03	06A	06B	06	03	06	CA_06_03	CA_06_04	-	FGS_DO01	
72-XS-001	DO	TB-NC-200F2.01	01	02	03838	03839	03840	03841	N/A	1mm²	BK	WH	N/A	TS_06_03		17	18	TB-06-03	09A	09B	06	03	09	CA_06_03	CA_06_04	-	FGS_DO01	
72-XS-002	DO	TB-NC-200F2.01	03	04	03842	03843	03844	03845	N/A	1mm²	BK	WH	N/A	TS_06_05		19	20	TB-06-05	11A	11B	06	05	11	CA_06_05	CA_06_06	-	FGS_DO01	

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND ROSETTI MARINO

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - DIGITAL OUTPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 038

REV. 3

SHEET LEFT INTENTIONALLY BLANK

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SPARE PAGE

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 039

REV. 3

FGS PANEL - TB-950-JE-01101 + TB-950-JE-01102 + TB-950-JE-02101

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM	T.S. C NUM.	WIRE + (A)	WIRE - (A)	WIRE PS +	WIRE SECTION (A+B+PS)	WIRE COLOUR +(A)	WIRE COLOUR - (B)	WIRE PS COLOUR	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
950-FDZ-01101	AI	TB-950-JE-01101	01	02	03	04001	04002	04003	1mm²	BK	WH	RD	TB-02-01	05A	05B	02	01	05	CA_01_02	CA_01_03	FGS_AI01
950-FDZ-01102	AI	TB-950-JE-01101	04	05	06	04004	04005	04006	1mm²	BK	WH	RD	TB-02-03	05A	05B	02	03	05	CA_04_05	CA_04_06	FGS_AI01
950-FDZ-01103	AI	TB-950-JE-01101	07	08	09	04007	04008	04009	1mm²	BK	WH	RD	TB-03-01	05A	05B	03	01	05	CA_07_08	CA_07_09	FGS_AI01
950-FDZ-01104	AI	TB-950-JE-01101	10	11	12	04010	04011	04012	1mm²	BK	WH	RD	TB-03-03	05A	05B	03	03	05	CA_10_11	CA_10_012	FGS_AI01
WS0120020112	AI	TB-950-JE-01101	13	14	15	04013	04014	04015	1mm²	BK	WH	RD	TB-02-01	12A	12B	02	01	12	CA_13_14	CA_13_015	FGS_AI01
SPARE	AI	TB-950-JE-01101	16	17	18																
950-GDZ-01101	AI	TB-950-JE-01102	1	2	3	04016	04017	04018	1mm²	BK	WH	RD	TB-02-01	11A	11B	02	01	11	CA_1_2	CA_1_03	FGS_AI01
950-GDZ-01102	AI	TB-950-JE-01102	4	5	6	04019	04020	04021	1mm²	BK	WH	RD	TB-02-03	13A	13B	02	03	13	CA_4_5	CA_4_06	FGS_AI01
950-GDZ-01103	AI	TB-950-JE-01102	7	8	9	04022	04023	04024	1mm²	BK	WH	RD	TB-04-01	16A	16B	04	01	16	CA_7_8	CA_7_09	FGS_AI01
WS0120020113	AI	TB-950-JE-01102	10	11	12	04025	04026	04027	1mm²	BK	WH	RD	TB-02-01	13A	13B	02	01	13	CA_10_11	CA_10_012	FGS_AI01
WS0120020315	AI	TB-950-JE-01102	13	14	15	04028	04029	04030	1mm²	BK	WH	RD	TB-02-03	15A	15B	02	03	15	CA_13_14	CA_13_015	FGS_AI01
SPARE	AI	TB-950-JE-01102	16	17	18																
950-FDZ-02101	AI	TB-950-JE-02101	01	02	03	04031	04032	04033	1mm²	BK	WH	RD	TB-02-01	04A	04B	02	01	04	CA_01_02	CA_01_03	FGS_AI01
950-FDZ-02102	AI	TB-950-JE-02101	04	05	06	04034	04035	04036	1mm²	BK	WH	RD	TB-02-03	04A	04B	02	03	04	CA_04_05	CA_04_06	FGS_AI01
950-FDZ-02103	AI	TB-950-JE-02101	07	08	09	04037	04038	04039	1mm²	BK	WH	RD	TB-03-01	04A	04B	03	01	04	CA_07_08	CA_07_09	FGS_AI01
950-FDZ-02104	AI	TB-950-JE-02101	10	11	12	04040	04041	04042	1mm²	BK	WH	RD	TB-03-03	04A	04B	03	03	04	CA_10_11	CA_10_012	FGS_AI01
950-GDZ-02101	AI	TB-950-JE-02101	13	14	15	04043	04044	04045	1mm²	BK	WH	RD	TB-02-01	01A	01B	02	01	01	CA_13_14	CA_13_015	FGS_AI01
950-GDZ-02102	AI	TB-950-JE-02101	16	17	18	04046	04047	04048	1mm²	BK	WH	RD	TB-02-01	02A	02B	02	01	02	CA_16_17	CA_16_018	FGS_AI01
950-GDZ-02103	AI	TB-950-JE-02101	19	20	21	04049	04050	04051	1mm²	BK	WH	RD	TB-02-01	03A	03B	02	01	03	CA_19_20	CA_19_021	FGS_AI01
950-GDZ-02104	AI	TB-950-JE-02101	22	23	24	04052	04053	04054	1mm²	BK	WH	RD	TB-02-03	01A	01B	02	03	01	CA_22_23	CA_22_024	FGS_AI01
950-GDZ-02105	AI	TB-950-JE-02101	25	26	27	04055	04056	04057	1mm²	BK	WH	RD	TB-02-03	02A	02B	02	03	02	CA_25_26	CA_25_027	FGS_AI01
950-GDZ-02106	AI	TB-950-JE-02101	28	29	30	04058	04059	04060	1mm²	BK	WH	RD	TB-02-03	03A	03B	02	03	03	CA_28_29	CA_28_030	FGS_AI01
WS0120020316	AI	TB-950-JE-02101	31	32	33	04061	04062	04063	1mm²	BK	WH	RD	TB-02-03	16A	16B	02	03	16	CA_31_32	CA_31_033	FGS_AI01
WS0120030114	AI	TB-950-JE-02101	34	35	36	04064	04065	04066	1mm²	BK	WH	RD	TB-03-01	14A	14B	03	01	14	CA_34_35	CA_34_036	FGS_AI01

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - NIS ANALOG INPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 040

REV. 3

FGS PANEL - TB-950-JE-02102 + TB-950-JE-03101 + TB-950-JE-02103

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM	T.S. C NUM.	WIRE + (A)	WIRE - (A)	WIRE PS +	WIRE SECTION (A+B+PS)	WIRE COLOUR + (A)	WIRE COLOUR - (B)	WIRE PS COLOUR	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
950-GDZ-02107	AI	TB-950-JE-02102	01	02	03	04101	04102	04103	1mm²	BK	WH	RD	TB-03-01	01A	01B	03	01	01	CA_01_02	CA_01_03	FGS_AI01
950-GDZ-02108	AI	TB-950-JE-02102	04	05	06	04104	04105	04106	1mm²	BK	WH	RD	TB-03-01	02A	02B	03	01	02	CA_04_05	CA_04_06	FGS_AI01
950-GDZ-02109	AI	TB-950-JE-02102	07	08	09	04107	04108	04109	1mm²	BK	WH	RD	TB-03-01	03A	03B	03	01	03	CA_07_08	CA_07_09	FGS_AI01
950-GDZ-02110	AI	TB-950-JE-02102	10	11	12	04110	04111	04112	1mm²	BK	WH	RD	TB-03-03	01A	01B	03	03	01	CA_10_11	CA_10_012	FGS_AI01
950-GDZ-02111	AI	TB-950-JE-02102	13	14	15	04113	04114	04115	1mm²	BK	WH	RD	TB-03-03	02A	02B	03	03	02	CA_13_14	CA_13_015	FGS_AI01
950-GDZ-02112	AI	TB-950-JE-02102	16	17	18	04116	04117	04118	1mm²	BK	WH	RD	TB-03-03	03A	03B	03	03	03	CA_16_17	CA_16_018	FGS_AI01
950-GDZ-02113	AI	TB-950-JE-02102	19	20	21	04119	04120	04121	1mm²	BK	WH	RD	TB-04-01	01A	01B	04	01	01	CA_19_20	CA_19_021	FGS_AI01
950-GDZ-02114	AI	TB-950-JE-02102	22	23	24	04122	04123	04124	1mm²	BK	WH	RD	TB-04-01	02A	02B	04	01	02	CA_22_23	CA_22_024	FGS_AI01
950-GDZ-02115	AI	TB-950-JE-02102	25	26	27	04125	04126	04127	1mm²	BK	WH	RD	TB-04-01	03A	03B	04	01	03	CA_25_26	CA_25_027	FGS_AI01
950-GDZ-02116	AI	TB-950-JE-02102	28	29	30	04128	04129	04130	1mm²	BK	WH	RD	TB-04-03	01A	01B	04	03	01	CA_28_29	CA_28_030	FGS_AI01
WS0120040113	AI	TB-950-JE-02102	31	32	33	04131	04132	04133	1mm²	BK	WH	RD	TB-04-01	13A	13B	04	01	13	CA_31_32	CA_31_033	FGS_AI01
WS0120040314	AI	TB-950-JE-02102	34	35	36	04134	04135	04136	1mm²	BK	WH	RD	TB-04-03	14A	14B	04	03	14	CA_34_35	CA_34_036	FGS_AI01
950-GDZ-02117	AI	TB-950-JE-02103	1	2	3	04140	04141	04142	1mm²	BK	WH	RD	TB-04-03	02A	02B	04	03	02	CA_1_2	CA_1_03	FGS_AI01
950-GDZ-02118	AI	TB-950-JE-02103	4	5	6	04143	04144	04145	1mm²	BK	WH	RD	TB-04-03	03A	03B	04	03	03	CA_4_5	CA_4_06	FGS_AI01
950-GDZ-02119	AI	TB-950-JE-02103	7	8	9	04146	04147	04148	1mm²	BK	WH	RD	TB-05-01	01A	01B	05	01	01	CA_7_8	CA_7_09	FGS_AI01
950-GDZ-02120	AI	TB-950-JE-02103	10	11	12	04149	04150	04151	1mm²	BK	WH	RD	TB-05-01	02A	02B	05	01	02	CA_10_11	CA_10_012	FGS_AI01
WS0110040315	AI	TB-950-JE-02103	13	14	15	04152	04153	04154	1mm²	BK	WH	RD	TB-04-03	15A	15B	04	03	15	CA_13_14	CA_13_015	FGS_AI01
SPARE	AI	TB-950-JE-02103	16	17	18																

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - NIS ANALOG INPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 041

REV. 3

FGS PANEL - TB-950-JE-03101 + TB-950-JE-03102 + TB-950-JE-04101

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM	T.S. C NUM.	WIRE + (A)	WIRE - (A)	WIRE PS +	WIRE SECTION (A+B+PS)	WIRE COLOUR + (A)	WIRE COLOUR - (B)	WIRE PS COLOUR	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
950-GDZ-03101	AI	TB-950-JE-03101	01	02	03	04201	04202	04203	1mm²	BK	WH	RD	TB-03-01	13A	13B	03	01	13	CA_01_02	CA_01_03	FGS_AI01
950-GDZ-03102	AI	TB-950-JE-03101	04	05	06	04204	04205	04206	1mm²	BK	WH	RD	TB-03-03	08A	08B	03	03	08	CA_04_05	CA_04_06	FGS_AI01
950-GDZ-03103	AI	TB-950-JE-03101	07	08	09	04207	04208	04209	1mm²	BK	WH	RD	TB-04-01	08A	08B	04	01	08	CA_07_08	CA_07_09	FGS_AI01
950-GDZ-03104	AI	TB-950-JE-03101	10	11	12	04210	04211	04212	1mm²	BK	WH	RD	TB-04-03	08A	08B	04	03	08	CA_10_11	CA_10_012	FGS_AI01
950-GDZ-03105	AI	TB-950-JE-03101	13	14	15	04213	04214	04215	1mm²	BK	WH	RD	TB-05-01	08A	08B	05	01	08	CA_13_14	CA_13_015	FGS_AI01
950-GDZ-03107	AI	TB-950-JE-03101	16	17	18	04216	04217	04218	1mm²	BK	WH	RD	TB-02-01	08A	08B	02	01	08	CA_16_17	CA_16_018	FGS_AI01
950-GDZ-03108	AI	TB-950-JE-03101	19	20	21	04219	04220	04221	1mm²	BK	WH	RD	TB-02-03	08A	08B	02	03	08	CA_19_20	CA_19_021	FGS_AI01
950-GDZ-03109	AI	TB-950-JE-03101	22	23	24	04222	04223	04224	1mm²	BK	WH	RD	TB-03-01	08A	08B	03	01	08	CA_22_23	CA_22_024	FGS_AI01
WS0120020115	AI	TB-950-JE-03101	25	26	27	04225	04226	04227	1mm²	BK	WH	RD	TB-02-01	15A	15B	02	01	15	CA_25_26	CA_25_027	FGS_AI01
WS0120030115	AI	TB-950-JE-03101	28	29	30	04228	04229	04230	1mm²	BK	WH	RD	TB-03-01	15A	15B	03	01	15	CA_28_29	CA_28_030	FGS_AI01
WS0120030116	AI	TB-950-JE-03101	31	32	33	04231	04232	04233	1mm²	BK	WH	RD	TB-03-01	16A	16B	03	01	16	CA_31_32	CA_31_033	FGS_AI01
WS0120030311	AI	TB-950-JE-03101	34	35	36	04234	04235	04236	1mm²	BK	WH	RD	TB-03-03	11A	11B	03	03	11	CA_34_35	CA_34_036	FGS_AI01
950-FDZ-03101	AI	TB-950-JE-03102	1	2	3	04237	04238	04239	1mm²	BK	WH	RD	TB-02-01	07A	07B	02	01	07	CA_1_2	CA_1_03	FGS_AI01
950-FDZ-03102	AI	TB-950-JE-03102	4	5	6	04240	04241	04242	1mm²	BK	WH	RD	TB-02-03	07A	07B	02	03	07	CA_4_5	CA_4_06	FGS_AI01
950-FDZ-03103	AI	TB-950-JE-03102	7	8	9	04243	04244	04245	1mm²	BK	WH	RD	TB-03-01	07A	07B	03	01	07	CA_7_8	CA_7_09	FGS_AI01
950-FDZ-03104	AI	TB-950-JE-03102	10	11	12	04246	04247	04248	1mm²	BK	WH	RD	TB-03-03	07A	07B	03	03	07	CA_10_11	CA_10_012	FGS_AI01
WS0120020114	AI	TB-950-JE-03102	13	14	15	04249	04250	04251	1mm²	BK	WH	RD	TB-02-01	14A	14B	02	01	14	CA_13_14	CA_13_015	FGS_AI01
WS0120030312	AI	TB-950-JE-03102	16	17	18	04252	04253	04254	1mm²	BK	WH	RD	TB-03-03	12A	12B	03	03	12	CA_16_17	CA_16_018	FGS_AI01
950-FDZ-04101	AI	TB-950-JE-04101	01	02	03	04255	04256	04257	1mm²	BK	WH	RD	TB-02-01	06A	06B	02	01	06	CA_01_02	CA_01_03	FGS_AI01
950-FDZ-04102	AI	TB-950-JE-04101	04	05	06	04258	04259	04260	1mm²	BK	WH	RD	TB-02-03	06A	06B	02	03	06	CA_04_05	CA_04_06	FGS_AI01
950-FDZ-04103	AI	TB-950-JE-04101	07	08	09	04261	04262	04263	1mm²	BK	WH	RD	TB-03-01	06A	06B	03	01	06	CA_07_08	CA_07_09	FGS_AI01
950-FDZ-04104	AI	TB-950-JE-04101	10	11	12	04264	04265	04266	1mm²	BK	WH	RD	TB-03-03	06A	06B	03	03	06	CA_10_11	CA_10_012	FGS_AI01
SPARE	AI	TB-950-JE-04101	13	14	15																
SPARE	AI	TB-950-JE-04101	16	17	18																

FOR SIGNALS: 950-GDZ-03101-PS, 950-GDZ-03102-PS, 950-GDZ-03103-PS, 950-GDZ-03104-PS, 950-GDZ-03105-PS SEE PAG 021

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - NIS ANALOG INPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 042

REV. 3

FGS PANEL - TB-950-JE-04201 + TB-950-JE-04205 + TB-950-JE-05101

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM	T.S. C NUM.	WIRE + (A)	WIRE - (A)	WIRE PS +	WIRE SECTION (A+B+PS)	WIRE COLOUR + (A)	WIRE COLOUR - (B)	WIRE PS COLOUR	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
950-GDZ-04213	AI	TB-950-JE-04201	01	02	03	04301	04302	04303	1mm²	BK	WH	RD	TB-02-01	09A	09B	02	01	09	CA_01_02	CA_01_03	FGS_AI01
950-GDZ-04214	AI	TB-950-JE-04201	04	05	06	04304	04305	04306	1mm²	BK	WH	RD	TB-02-03	11A	11B	02	03	11	CA_04_05	CA_04_06	FGS_AI01
950-GDZ-04215	AI	TB-950-JE-04201	07	08	09	04307	04308	04309	1mm²	BK	WH	RD	TB-03-01	11A	11B	03	01	11	CA_07_08	CA_07_09	FGS_AI01
950-GDZ-04216	AI	TB-950-JE-04201	10	11	12	04310	04311	04312	1mm²	BK	WH	RD	TB-02-01	10A	10B	02	01	10	CA_10_11	CA_10_012	FGS_AI01
950-GDZ-04217	AI	TB-950-JE-04201	13	14	15	04313	04314	04315	1mm²	BK	WH	RD	TB-02-03	12A	12B	02	03	12	CA_13_14	CA_13_015	FGS_AI01
950-GDZ-04218	AI	TB-950-JE-04201	16	17	18	04316	04317	04318	1mm²	BK	WH	RD	TB-03-01	12A	12B	03	01	12	CA_16_17	CA_16_018	FGS_AI01
950-GDZ-04207	AI	TB-950-JE-04205	01	02	03	04319	04320	04321	1mm²	BK	WH	RD	TB-04-01	04A	04B	04	01	04	CA_01_02	CA_01_03	FGS_AI01
950-GDZ-04208	AI	TB-950-JE-04205	04	05	06	04322	04323	04324	1mm²	BK	WH	RD	TB-04-03	04A	04B	04	03	04	CA_04_05	CA_04_06	FGS_AI01
950-GDZ-04209	AI	TB-950-JE-04205	07	08	09	04325	04326	04327	1mm²	BK	WH	RD	TB-05-01	04A	04B	05	01	04	CA_07_08	CA_07_09	FGS_AI01
950-GDZ-04210	AI	TB-950-JE-04205	10	11	12	04328	04329	04330	1mm²	BK	WH	RD	TB-04-01	05A	05B	04	01	05	CA_10_11	CA_10_012	FGS_AI01
950-GDZ-04211	AI	TB-950-JE-04205	13	14	15	04331	04332	04333	1mm²	BK	WH	RD	TB-04-03	05A	05B	04	03	05	CA_13_14	CA_13_015	FGS_AI01
950-GDZ-04212	AI	TB-950-JE-04205	16	17	18	04334	04335	04336	1mm²	BK	WH	RD	TB-05-01	05A	05B	05	01	05	CA_16_17	CA_16_018	FGS_AI01
950-FDZ-05101	AI	TB-950-JE-05101	01	02	03	04337	04338	04339	1mm²	BK	WH	RD	TB-02-03	10A	10B	02	03	10	CA_01_02	CA_01_03	FGS_AI01
950-FDZ-05102	AI	TB-950-JE-05101	04	05	06	04340	04341	04342	1mm²	BK	WH	RD	TB-03-01	10A	10B	03	01	10	CA_04_05	CA_04_06	FGS_AI01
950-FDZ-05103	AI	TB-950-JE-05101	07	08	09	04343	04344	04345	1mm²	BK	WH	RD	TB-03-03	10A	10B	03	03	10	CA_07_08	CA_07_09	FGS_AI01
950-FDZ-05104	AI	TB-950-JE-05101	10	11	12	04346	04347	04348	1mm²	BK	WH	RD	TB-04-01	10A	10B	04	01	10	CA_10_11	CA_10_012	FGS_AI01
950-GDZ-05101	AI	TB-950-JE-05101	13	14	15	04349	04350	04351	1mm²	BK	WH	RD	TB-02-03	09A	09B	02	03	09	CA_13_14	CA_13_015	FGS_AI01
950-GDZ-05102	AI	TB-950-JE-05101	16	17	18	04352	04353	04354	1mm²	BK	WH	RD	TB-03-01	09A	09B	03	01	09	CA_16_17	CA_16_018	FGS_AI01
950-GDZ-05103	AI	TB-950-JE-05101	19	20	21	04355	04356	04357	1mm²	BK	WH	RD	TB-03-03	09A	09B	03	03	09	CA_19_20	CA_19_021	FGS_AI01
950-GDZ-05104	AI	TB-950-JE-05101	22	23	24	04358	04359	04360	1mm²	BK	WH	RD	TB-04-01	09A	09B	04	01	09	CA_22_23	CA_22_024	FGS_AI01
950-GDZ-05105	AI	TB-950-JE-05101	25	26	27	04361	04362	04363	1mm²	BK	WH	RD	TB-04-03	09A	09B	04	03	09	CA_25_26	CA_25_027	FGS_AI01
950-GDZ-05106	AI	TB-950-JE-05101	28	29	30	04364	04365	04366	1mm²	BK	WH	RD	TB-05-01	09A	09B	05	01	09	CA_28_29	CA_28_030	FGS_AI01
WS0120040114	AI	TB-950-JE-05101	31	32	33	04367	04368	04369	1mm²	BK	WH	RD	TB-04-01	14A	14B	04	01	14	CA_31_32	CA_31_033	FGS_AI01
WS0120040115	AI	TB-950-JE-05101	34	35	36	04370	04371	04372	1mm²	BK	WH	RD	TB-04-01	15A	15B	04	01	15	CA_34_35	CA_34_036	FGS_AI01

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - NIS ANALOG INPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 043

REV. 3

FGS PANEL - TB-950-JE-06101 + TB-950-JE-06201 + TB-B400-FGS-002-3

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM	T.S. C NUM.	WIRE + (A)	WIRE - (A)	WIRE PS +	WIRE SECTION (A+B+PS)	WIRE COLOUR + (A)	WIRE COLOUR - (B)	WIRE PS COLOUR	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
950-FDZ-06101	AI	TB-950-JE-06101	01	02	03	04401	04402	04403	1mm²	BK	WH	RD	TB-04-03	10A	10B	04	03	10	CA_01_02	CA_01_03	FGS_AI01
950-FDZ-06102	AI	TB-950-JE-06101	04	05	06	04404	04405	04406	1mm²	BK	WH	RD	TB-05-01	10A	10B	05	01	10	CA_04_05	CA_04_06	FGS_AI01
WS0120050113	AI	TB-950-JE-06101	07	08	09	04407	04408	04409	1mm²	BK	WH	RD	TB-05-01	13A	13B	05	01	13	CA_07_08	CA_07_09	FGS_AI01
WS0120050114	AI	TB-950-JE-06101	10	11	12	04410	04411	04412	1mm²	BK	WH	RD	TB-05-01	14A	14B	05	01	14	CA_10_11	CA_10_012	FGS_AI01
SPARE	AI	TB-950-JE-06101	13	14	15																
SPARE	AI	TB-950-JE-06101	16	17	18																
950-GDZ-06201	AI	TB-950-JE-06201	01	02	03	04413	04414	04415	1mm²	BK	WH	RD	TB-04-01	06A	06B	04	01	06	CA_01_02	CA_01_03	FGS_AI01
950-GDZ-06202	AI	TB-950-JE-06201	04	05	06	04416	04417	04418	1mm²	BK	WH	RD	TB-04-03	06A	06B	04	03	06	CA_04_05	CA_04_06	FGS_AI01
950-GDZ-06203	AI	TB-950-JE-06201	07	08	09	04419	04420	04421	1mm²	BK	WH	RD	TB-05-01	06A	06B	05	01	06	CA_07_08	CA_07_09	FGS_AI01
950-GDZ-06204	AI	TB-950-JE-06201	10	11	12	04422	04423	04424	1mm²	BK	WH	RD	TB-04-01	07A	07B	04	01	07	CA_10_11	CA_10_012	FGS_AI01
950-GDZ-06205	AI	TB-950-JE-06201	13	14	15	04425	04426	04427	1mm²	BK	WH	RD	TB-04-03	07A	07B	04	03	07	CA_13_14	CA_13_015	FGS_AI01
950-GDZ-06206	AI	TB-950-JE-06201	16	17	18	04428	04429	04430	1mm²	BK	WH	RD	TB-05-01	07A	07B	05	01	07	CA_16_17	CA_16_018	FGS_AI01
950-GDZ-04201	AI	TB-B400-FGS-002-3	01	02	03	04431	04432	04433	1mm²	BK	WH	RD	TB-04-01	11A	11B	04	01	11	CA_01_02	CA_01_03	FGS_AI01
950-GDZ-04202	AI	TB-B400-FGS-002-3	04	05	06	04434	04435	04436	1mm²	BK	WH	RD	TB-04-03	11A	11B	04	03	11	CA_04_05	CA_04_06	FGS_AI01
950-GDZ-04203	AI	TB-B400-FGS-002-3	07	08	09	04437	04438	04439	1mm²	BK	WH	RD	TB-05-01	11A	11B	05	01	11	CA_07_08	CA_07_09	FGS_AI01
950-GDZ-04204	AI	TB-B400-FGS-002-3	10	11	12	04440	04441	04442	1mm²	BK	WH	RD	TB-04-01	12A	12B	04	01	12	CA_10_11	CA_10_012	FGS_AI01
950-GDZ-04205	AI	TB-B400-FGS-002-3	13	14	15	04443	04444	04445	1mm²	BK	WH	RD	TB-04-03	12A	12B	04	03	12	CA_13_14	CA_13_015	FGS_AI01
950-GDZ-04206	AI	TB-B400-FGS-002-3	16	17	18	04446	04447	04448	1mm²	BK	WH	RD	TB-05-01	12A	12B	05	01	12	CA_16_17	CA_16_018	FGS_AI01

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - NIS ANALOG INPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 044

REV. 3

SHEET LEFT INTENTIONALLY BLANK

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SPARE PAGE

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 045

REV. 3

FGS PANEL - TB-950-JE-04204 + TB-950-JE-04208 + TB-950-JE-06204 + TB-B400-FGS-002-2

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM	WIRE + (A)	WIRE - (A)	WIRE SECTION (A+B+PS)	WIRE COLOUR + (A)	WIRE COLOUR - (B)	T.B. NAME	T.B. IN +	T.B.IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
950-SDZ-04213	AI	TB-950-JE-04204	01	02	04601	04602	1mm²	LB	LB	TB-01-01	05A	05B	01	01	05	CA_01_01	CA_01_02	FGS_AI02
950-SDZ-04214	AI	TB-950-JE-04204	03	04	04603	04604	1mm²	LB	LB	TB-01-03	05A	05B	01	03	05	CA_01_03	CA_01_04	FGS_AI02
950-SDZ-04215	AI	TB-950-JE-04204	05	06	04605	04606	1mm²	LB	LB	TB-01-05	05A	05B	01	05	05	CA_01_05	CA_01_06	FGS_AI02
950-SDZ-04216	AI	TB-950-JE-04204	07	08	04607	04608	1mm²	LB	LB	TB-01-01	06A	06B	01	01	06	CA_01_01	CA_01_02	FGS_AI02
950-SDZ-04217	AI	TB-950-JE-04204	09	10	04609	04610	1mm²	LB	LB	TB-01-03	06A	06B	01	03	06	CA_01_03	CA_01_04	FGS_AI02
950-SDZ-04218	AI	TB-950-JE-04204	11	12	04611	04612	1mm²	LB	LB	TB-01-05	06A	06B	01	05	06	CA_01_05	CA_01_06	FGS_AI02
950-SDZ-04207	AI	TB-950-JE-04208	01	02	04613	04614	1mm²	LB	LB	TB-01-01	03A	03B	01	01	03	CA_01_01	CA_01_02	FGS_AI02
950-SDZ-04208	AI	TB-950-JE-04208	03	04	04615	04616	1mm²	LB	LB	TB-01-03	03A	03B	01	03	03	CA_01_03	CA_01_04	FGS_AI02
950-SDZ-04209	AI	TB-950-JE-04208	05	06	04617	04618	1mm²	LB	LB	TB-01-05	03A	03B	01	05	03	CA_01_05	CA_01_06	FGS_AI02
950-SDZ-04210	AI	TB-950-JE-04208	07	08	04619	04620	1mm²	LB	LB	TB-01-01	04A	04B	01	01	04	CA_01_01	CA_01_02	FGS_AI02
950-SDZ-04211	AI	TB-950-JE-04208	09	10	04621	04622	1mm²	LB	LB	TB-01-03	04A	04B	01	03	04	CA_01_03	CA_01_04	FGS_AI02
950-SDZ-04212	AI	TB-950-JE-04208	11	12	04623	04624	1mm²	LB	LB	TB-01-05	04A	04B	01	05	04	CA_01_05	CA_01_06	FGS_AI02
950-SDZ-06201	AI	TB-950-JE-06204	01	02	04625	04626	1mm²	LB	LB	TB-01-01	07A	07B	01	01	07	CA_01_01	CA_01_02	FGS_AI02
950-SDZ-06202	AI	TB-950-JE-06204	03	04	04627	04628	1mm²	LB	LB	TB-01-03	07A	07B	01	03	07	CA_01_03	CA_01_04	FGS_AI02
950-SDZ-06203	AI	TB-950-JE-06204	05	06	04629	04630	1mm²	LB	LB	TB-01-05	07A	07B	01	05	07	CA_01_05	CA_01_06	FGS_AI02
950-SDZ-06204	AI	TB-950-JE-06204	07	08	04631	04632	1mm²	LB	LB	TB-01-01	08A	08B	01	01	08	CA_01_01	CA_01_02	FGS_AI02
950-SDZ-06205	AI	TB-950-JE-06204	09	10	04633	04634	1mm²	LB	LB	TB-01-03	08A	08B	01	03	08	CA_01_03	CA_01_04	FGS_AI02
950-SDZ-06206	AI	TB-950-JE-06204	11	12	04635	04636	1mm²	LB	LB	TB-01-05	08A	08B	01	05	08	CA_01_05	CA_01_06	FGS_AI02
950-SDZ-04201	AI	TB-B400-FGS-002-2	01	02	04637	04638	1mm²	LB	LB	TB-01-01	01A	01B	01	01	01	CA_01_01	CA_01_02	FGS_AI02
950-SDZ-04202	AI	TB-B400-FGS-002-2	03	04	04639	04640	1mm²	LB	LB	TB-01-03	01A	01B	01	03	01	CA_01_03	CA_01_04	FGS_AI02
950-SDZ-04203	AI	TB-B400-FGS-002-2	05	06	04641	04642	1mm²	LB	LB	TB-01-05	01A	01B	01	05	01	CA_01_05	CA_01_06	FGS_AI02
950-SDZ-04204	AI	TB-B400-FGS-002-2	07	08	04643	04644	1mm²	LB	LB	TB-01-01	02A	02B	01	01	02	CA_01_01	CA_01_02	FGS_AI02
950-SDZ-04205	AI	TB-B400-FGS-002-2	09	10	04645	04646	1mm²	LB	LB	TB-01-03	02A	02B	01	03	02	CA_01_03	CA_01_04	FGS_AI02
950-SDZ-04206	AI	TB-B400-FGS-002-2	11	12	04647	04648	1mm²	LB	LB	TB-01-05	02A	02B	01	05	02	CA_01_05	CA_01_06	FGS_AI02
WS0110010109	AI	TB-B400-FGS-002-2	13	14	04649	04650	1mm²	LB	LB	TB-01-01	09A	09B	01	01	09	CA_01_01	CA_01_02	FGS_AI02
WS0110010110	AI	TB-B400-FGS-002-2	15	16	04651	04652	1mm²	LB	LB	TB-01-01	10A	10B	01	01	10	CA_01_01	CA_01_02	FGS_AI02
WS0110010309	AI	TB-B400-FGS-002-2	17	18	04653	04654	1mm²	LB	LB	TB-01-03	09A	09B	01	03	09	CA_01_03	CA_01_04	FGS_AI02
WS0110010310	AI	TB-B400-FGS-002-2	19	20	04655	04656	1mm²	LB	LB	TB-01-03	10A	10B	01	03	10	CA_01_03	CA_01_04	FGS_AI02
WS0110010509	AI	TB-B400-FGS-002-2	21	22	04657	04658	1mm²	LB	LB	TB-01-05	09A	09B	01	05	09	CA_01_05	CA_01_06	FGS_AI02
WS0110010510	AI	TB-B400-FGS-002-2	23	24	04659	04660	1mm²	LB	LB	TB-01-05	10A	10B	01	05	10	CA_01_05	CA_01_06	FGS_AI02

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
FGS PANEL - IS ANALOG INPUT SIGNALS

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

SCALE : 1

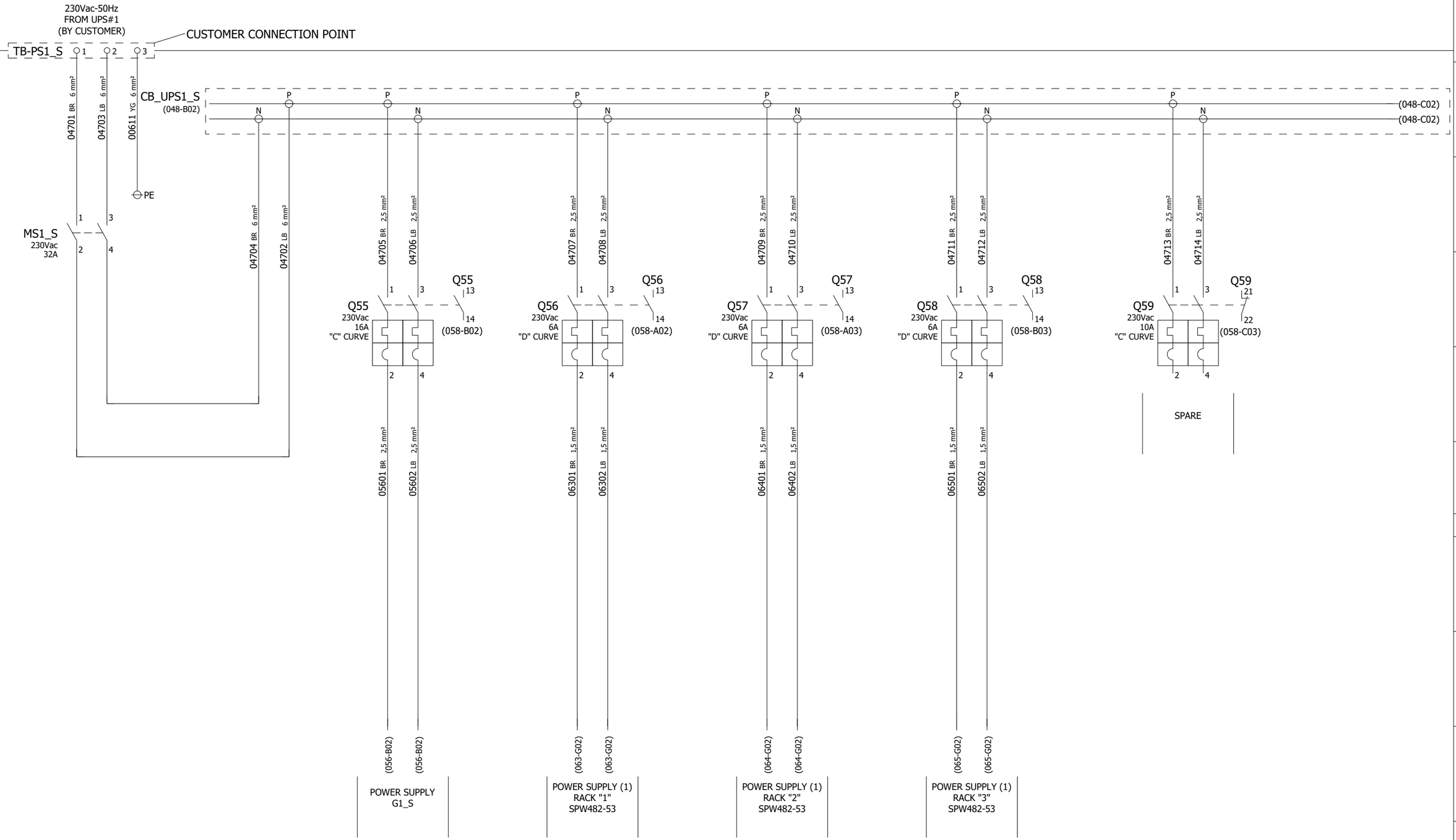
A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 046

REV. 3

SIS PANEL - POWER DISTRIBUTION FROM UPS LINE 1



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 1

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 047

REV. 3

SIS PANEL - POWER DISTRIBUTION FROM UPS LINE 1



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 1

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 048

REV. 3

SIS PANEL - POWER DISTRIBUTION FROM UPS LINE 2

230Vac-50Hz
FROM UPS#2
(BY CUSTOMER)

TB-PS2_S 1 2 3 — CUSTOMER CONNECTION POINT

04901 BR 6 mm² — 04903 LB 6 mm² — 00611 YG 6 mm² — PE

CB_UPS2_S
(050-B02)
N P P N P N P N P N P N P N
(050-C02)
(050-C02)

MS2_S
230Vac
32A
1 3 2 4

04904 BR 6 mm² — 04902 LB 6 mm²

	04905 BR 2,5 mm² / 04906 LB 2,5 mm²	04907 BR 2,5 mm² / 04908 LB 2,5 mm²	04909 BR 2,5 mm² / 04910 LB 2,5 mm²	04911 BR 2,5 mm² / 04912 LB 2,5 mm²	04913 BR 2,5 mm² / 04914 LB 2,5 mm²
	Q60	Q61	Q62	Q63	Q64
	230Vac 16A "C" CURVE	230Vac 6A "D" CURVE	230Vac 6A "D" CURVE	230Vac 6A "D" CURVE	230Vac 10A "C" CURVE
	(058-D03)	(058-E03)	(058-F03)	(058-G03)	(058-F04)
	05603 BR 2,5 mm² / 05604 LB 2,5 mm²	06303 BR 1,5 mm² / 06304 LB 1,5 mm²	06403 BR 1,5 mm² / 06404 LB 1,5 mm²	06503 BR 1,5 mm² / 06504 LB 1,5 mm²	SPARE
	(056-H02) (056-H02)	(063-H02) (063-H02)	(064-H02) (064-H02)	(065-H02) (065-H02)	
	POWER SUPPLY G2_S	POWER SUPPLY (2) RACK "1" SPW482-53	POWER SUPPLY (2) RACK "2" SPW482-53	POWER SUPPLY (2) RACK "3" SPW482-53	

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND — ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 2

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 049

REV. 3

SIS PANEL - POWER DISTRIBUTION FROM UPS LINE 1



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - 230Vac POWER DISTRIBUTION FROM UPS LINE 2

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 050

REV. 3

SIS PANEL - POWER DISTRIBUTION FROM NON UPS

230Vac-50Hz
FROM MCC
(BY CUSTOMER)

CUSTOMER CONNECTION POINT

TB-PS3_S 1 2 3

05101 BR 6 mm² — 05103 LB 6 mm² — 00611 YG 6 mm² — PE

CB_SER_S

N P — 05104 LB 6 mm² — 05102 BR 6 mm²

N P — 05105 BR 2.5 mm² — 05107 LB 2.5 mm²

N P — 05109 BR 2.5 mm² — 05113 LB 2.5 mm²

N P — 05114 BR 2.5 mm² — 05115 LB 2.5 mm²

(052-A01)
(052-A01)

Q50
230Vac
25A
Id 30mA
1 3 — 13 14 (058-G02)
2 4

Q51
230Vac
16A
"C" CURVE
1 3 — 13 14 (058-F02)
2 4

05106 BR 2.5 mm² — 05108 LB 2.5 mm²

Q52
230Vac
2A
"C" CURVE
1 3 — 13 14 (058-E02)
2 4

05110 BR 1.5 mm²

S1_S 11 12

05111 BR 1.5 mm² — 05112 LB 1.5 mm²

H1_S x1 x2

Q53
230Vac
4A
"C" CURVE
1 3 — 13 21 14 22 (058-D02)
2 4

SPARE

SK1_S — PE — 00611 YG 2,5 mm² — PE

SERVICE SOCKET
230Vac 50Hz

INTERNAL LIGHT
230Vac 50Hz
TOTAL CONSUMPTION: 15W

NOTE:
INTERNAL LAMP IS DOUBLE INSULATION DEVICE.
NO EARTH CONNECTION REQUIRED.

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND — ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - 230Vac POWER DISTRIBUTION FROM NON-UPS

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

SCALE : 1

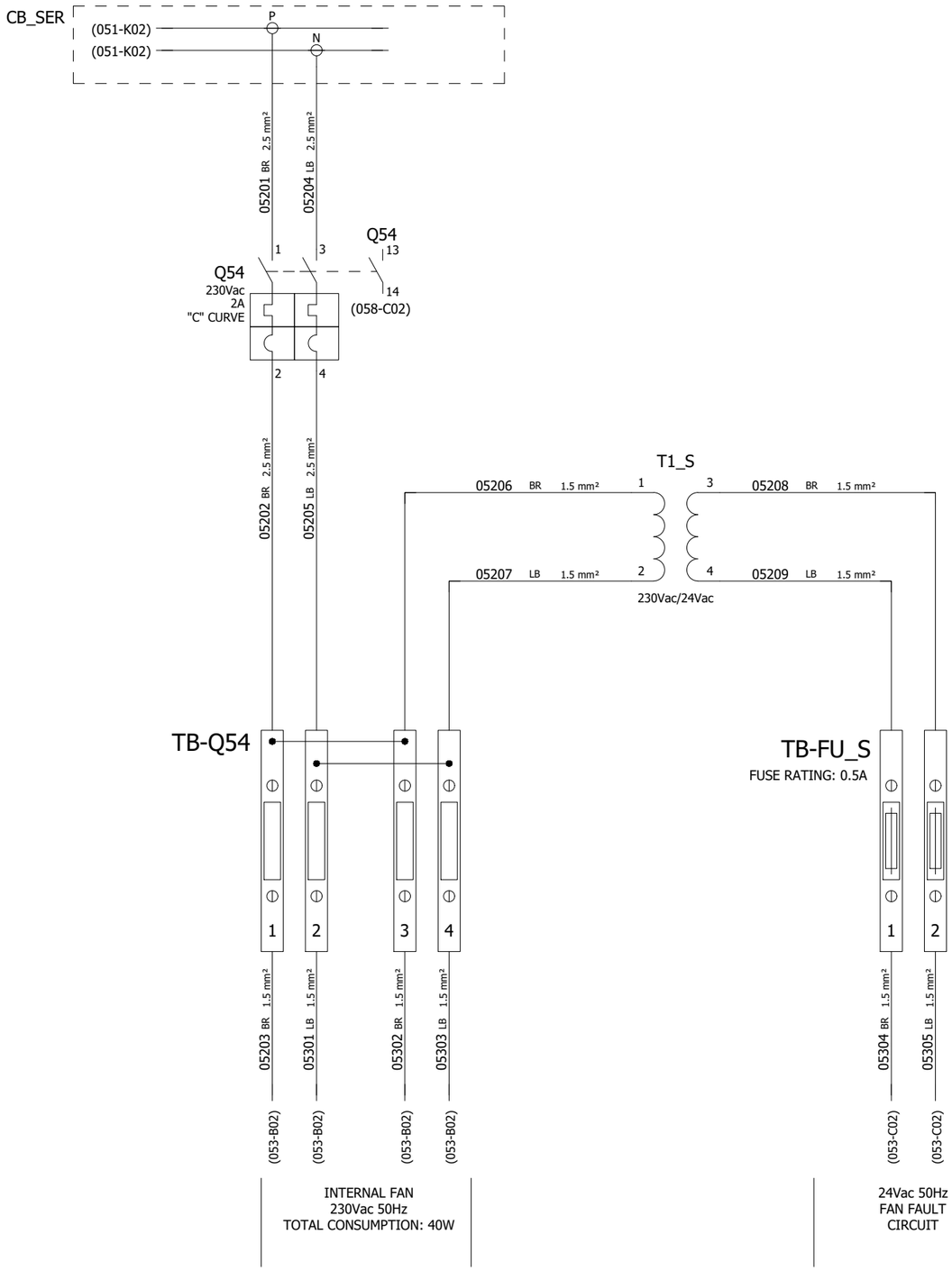
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 051

REV. 3

SIS PANEL - POWER DISTRIBUTION FROM NON UPS



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - 230Vac POWER DISTRIBUTION FROM NON-UPS

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

SCALE : 1

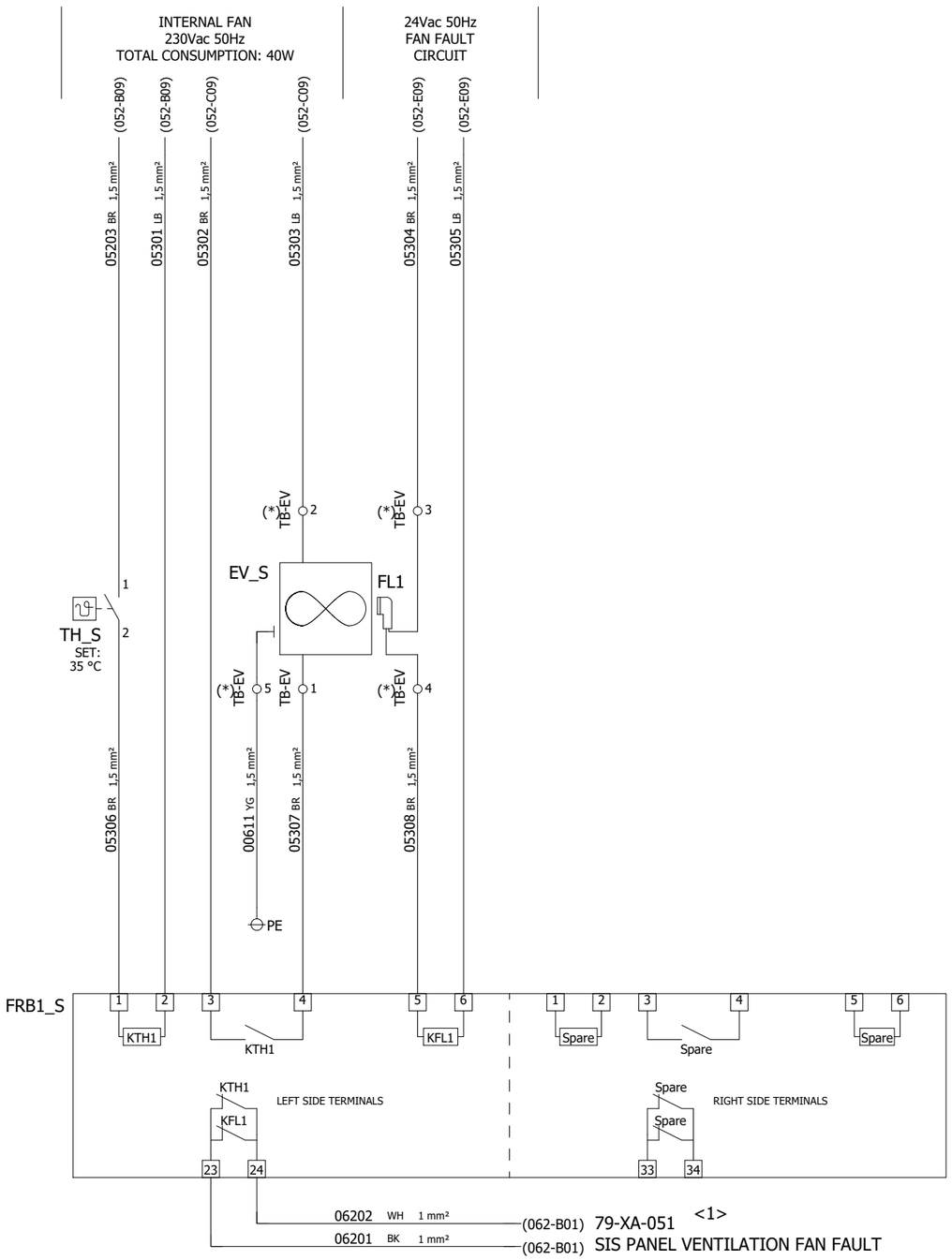
A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 052

REV. 3

SIS PANEL - 230Vac 50Hz POWER DISTRIBUTION VENTILATION FAN & HEATER



NOTE (*):
TB-EV IS A FEED THROUGH TERMINAL BOARD FOR
PRE-WIRED ITEMS CONNECTION. FOR THIS REASON,
WIRE NUMBERS WILL BE THE SAME ON BOTH SIDES.

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - 230Vac 50Hz POWER DISTRIBUTION VENTILATION FAN

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

SCALE : 1

A3

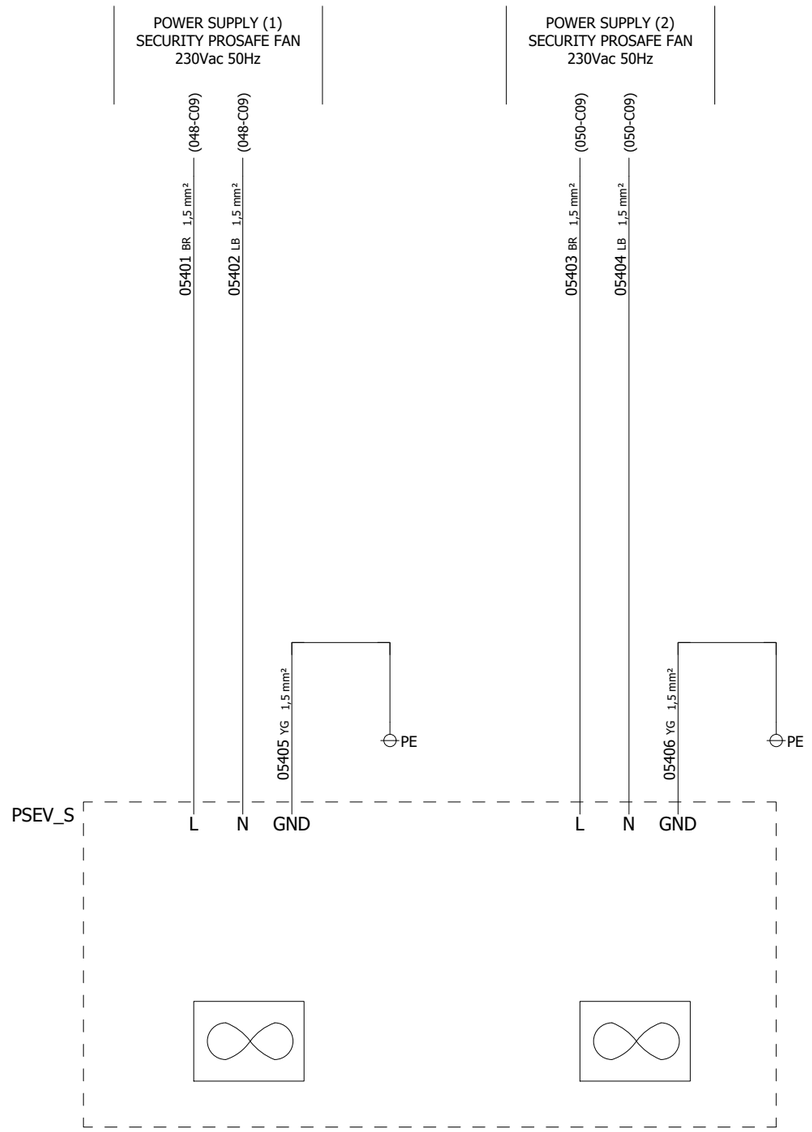
DRAWING NO. 1724000594-IN-DG-00021

SHEET 053

REV. 3

A B C D E F G H J K

SIS PANEL - 230Vac 50Hz POWER DISTRIBUTION SECURITY PROSAFE FAN



01 02 03 04 05 06 07 08 09 10

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - 230Vac 50Hz POWER DISTRIBUTION SECURITY PROSAFE FAN

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 054

REV. 3

SHEET LEFT INTENTIONALLY BLANK

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SPARE PAGE

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 055

REV. 3

SIS PANEL - 230Vac/24Vdc POWER DISTRIBUTION

POWER SUPPLY LINE
230Vac 50Hz
FROM UPS#1

(047-D09) 05601 BR 2.5 mm²
(047-D09) 05602 LB 2.5 mm²

G1_S
IN: 230Vac
OUT: 24Vdc
480W
20A
WEIDMULLER PRO ECO
code 1469510000

L(+) N(-) AC DC PE + + - -

13 06203 WH 1 mm² (062-B02)
14 05613 WH 1 mm²
PE 00611 YG 2,5 mm² PE

79-XA-052
SIS PANEL POWER SUPPLY
24Vdc FAILURE

05605 RD 4 mm²
05607 BU 4 mm²
05606 RD 4 mm²
05610 BU 4 mm²

VD1_S
20A
WEIDMULLER PRO DM 20
code 2486080000

IN1+ IN1- IN2+ IN2-
OUT+ OUT-

05608 RD 6 mm²
05611 BU 6 mm²

Q65
24Vdc
32A
"C" CURVE
1 3 13 Q65 14 (058-E05)
2 4

05609 RD 6 mm²
05612 BU 6 mm²

CB_24Vdc_S
(061-A01) + -

POWER SUPPLY LINE
230Vac 50Hz
FROM UPS#2

(049-D09) 05603 BR 2.5 mm²
(049-D09) 05604 LB 2.5 mm²

G2_S
IN: 230Vac
OUT: 24Vdc
480W
20A
WEIDMULLER PRO ECO
code 1469510000

L(+) N(-) AC DC PE + + - -

13 05613 WH 1 mm²
14 06204 BK 1 mm² (062-B02)
PE 00611 YG 2,5 mm² PE

79-XA-052
SIS PANEL POWER SUPPLY
24Vdc FAILURE

05614 RD 4 mm²
05616 BU 4 mm²
05615 RD 4 mm²
05619 BU 4 mm²

VD2_S
20A
WEIDMULLER PRO DM 20
code 2486080000

IN1+ IN1- IN2+ IN1-
OUT+ OUT-

05617 RD 6 mm²
05620 BU 6 mm²

Q66
24Vdc
32A
"C" CURVE
1 3 13 Q66 14 (058-D05)
2 4

05618 RD 6 mm²
05621 BU 6 mm²

(061-A01) +
(061-A01) -

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - 230Vac / 24Vdc POWER DISTRIBUTION

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 056

REV. 3

SHEET LEFT INTENTIONALLY BLANK

3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SPARE PAGE

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

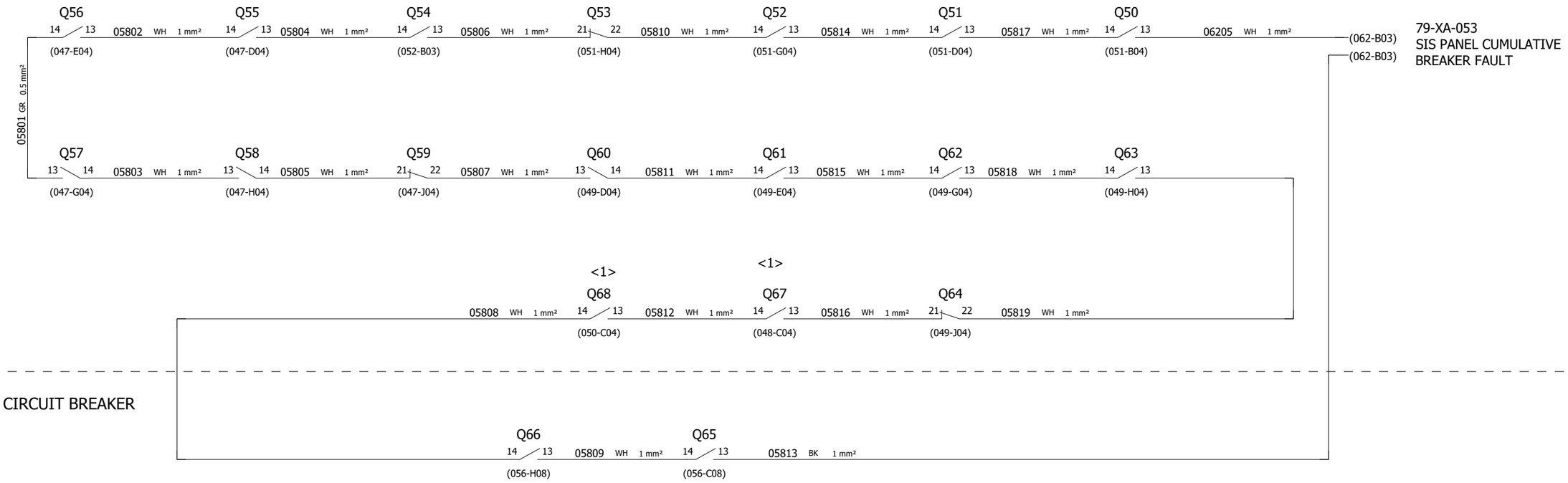
SHEET 057

REV. 3

A B C D E F G H J K

SIS PANEL - BRAKER FAULT ALARM CIRCUIT

230Vac CIRCUIT BREAKER



79-XA-053
SIS PANEL CUMULATIVE
BREAKER FAULT

24Vdc CIRCUIT BREAKER

NOTE : SPARE CIRCUIT BREAKER FAULT CONTACT TO BE CONNECTED ON NORMALLY CLOSE CONTACT.
CHANGE CONNECTION TO NORMALLY OPEN CONTACT WHEN THE BREAKER WILL BE USED

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - BREAKER FAULT ALARM CIRCUIT

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

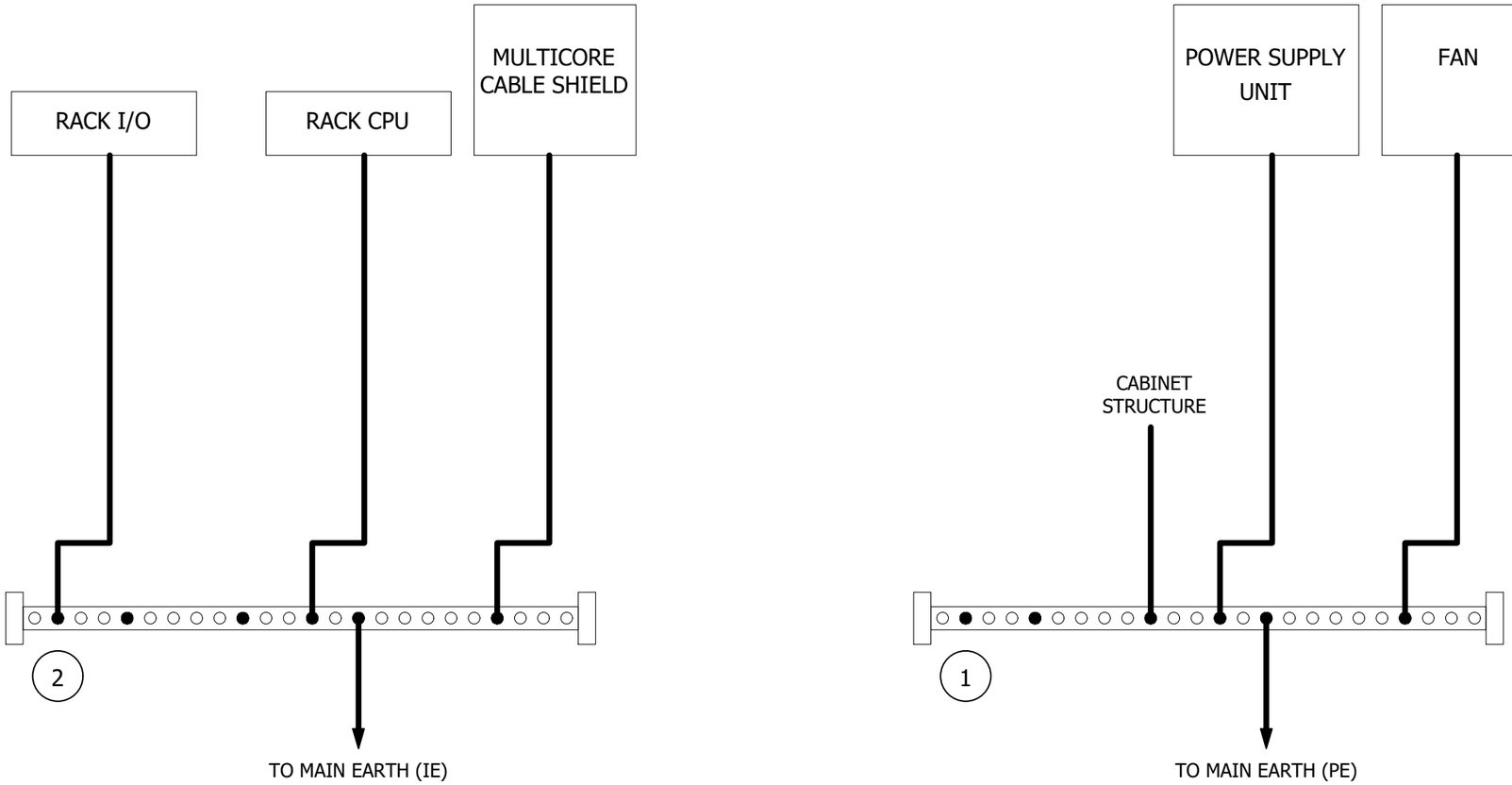
SHEET 058

REV. 3

01 02 03 04 05 06 07 08 09 10

SIS PANEL - SHIELD/GROUND CONNECTION

POS.	EARTH TYPE	DESCRIPTION SYSTEM EARTH
1	P.E. EARTH	PROTECTION EARTH (GROUND, FRAME CHASSIS)
2	I.E. EARTH	INSTRUMENTAL EARTH



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
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YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - SHIELD / GROUND CONNECTION

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

SCALE : 1

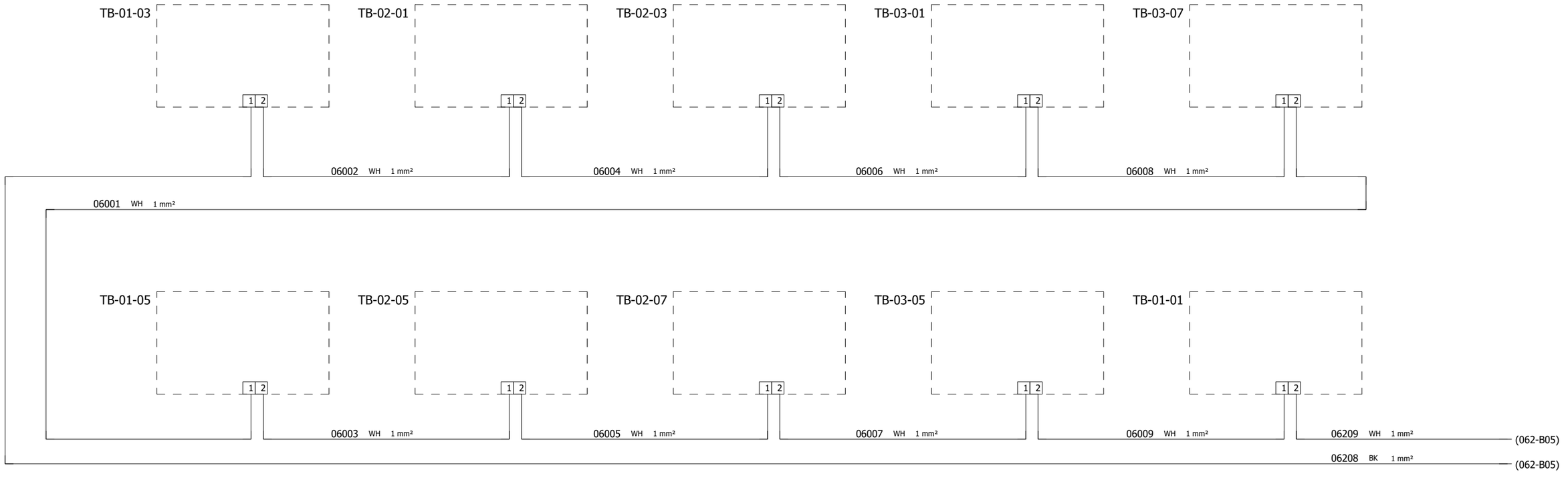
A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 059

REV. 3

SIS PANEL - TB FAULT SIGNALS



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - TB FAULT SIGNALS

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

SCALE : 1

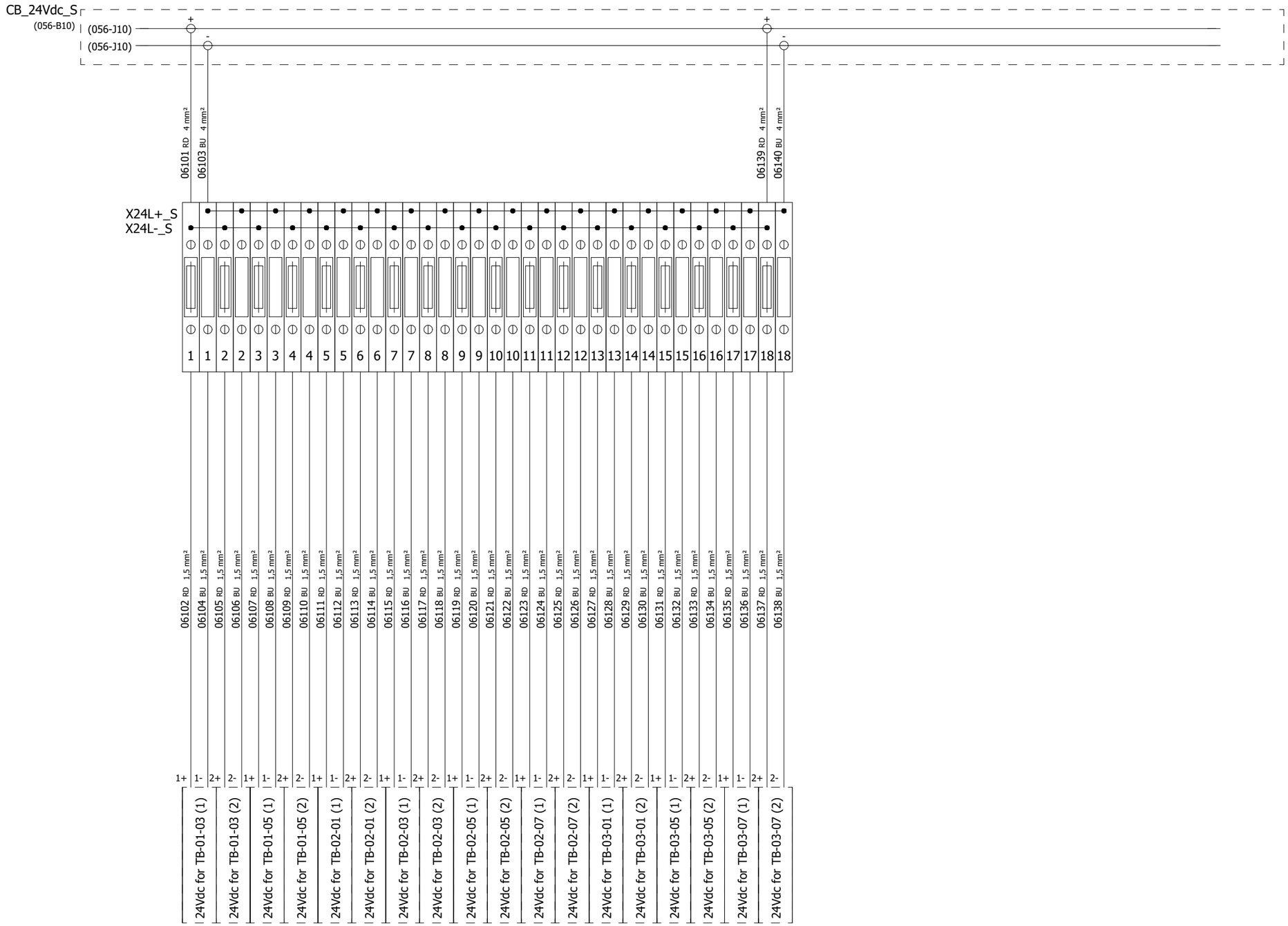
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 060

REV. 3

SIS PANEL - 24Vdc POWER DISTRIBUTION



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
24Vdc POWER DISTRIBUTION

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 061

REV. 3

SIS PANEL - FAULT ALARM SIGNALS TO DCS

79-XA-051	(053-C10)	06202	WH	1 mm²	01A	IN 01	SLOT 7	NODE 3	79-XA-051
-	(053-C10)	06201	BK	1 mm²	01B	IN 01	SLOT 7	NODE 3	-
					01C	IN 01	SLOT 7	NODE 3	
79-XA-052	(056-C04)	06203	WH	1 mm²	02A	IN 02	SLOT 7	NODE 3	79-XA-052
-	(056-J04)	06204	BK	1 mm²	02B	IN 02	SLOT 7	NODE 3	-
					02C	IN 02	SLOT 7	NODE 3	
79-XA-053	(058-J02)	06205	WH	1 mm²	03A	IN 03	SLOT 7	NODE 3	79-XA-053
-	(058-J02)	05813	BK	1 mm²	03B	IN 03	SLOT 7	NODE 3	-
					03C	IN 03	SLOT 7	NODE 3	
79-XA-054	1 THH_S 2 SET: 40 °C	06206	WH	1 mm²	04A	IN 04	SLOT 7	NODE 3	79-XA-054
-		06207	BK	1 mm²	04B	IN 04	SLOT 7	NODE 3	-
					04C	IN 04	SLOT 7	NODE 3	
79-XA-055	(060-K06)	06209	WH	1 mm²	<2> 05A	IN 05	SLOT 7	NODE 3	79-XA-055
-	(060-K06)	06208	BK	1 mm²	<2> 05B	IN 05	SLOT 7	NODE 3	-
					<2> 05C	IN 05	SLOT 7	NODE 3	
SIS001-UA-05	13 AT_01_S 14	07533	WH	1 mm²	<2> 14A	IN 14	SLOT 3	NODE 1	SIS001-UA-05
-		07534	BK	1 mm²	<2> 14B	IN 14	SLOT 3	NODE 1	-
					<2> 14C	IN 14	SLOT 3	NODE 1	

	CUSTOMER TAG	SIGNAL DESCRIPTION FROM IO LIST
<2>	79-XA-051	SIS PANEL VENTILATION FAN FAULT
<2>	79-XA-052	SIS PANEL POWER SUPPLY & DIODES FAILURE
<2>	79-XA-053	SIS PANEL CUMULATIVE BREAKER FAULT
<2>	79-XA-054	SIS PANEL HIGH TEMPERATURE ALARM
<2>	79-XA-055	SIS PANEL DIGITAL / ANALOG TB CUMULATIVE FAULT

CUSTOMER TAG	SIGNAL DESCRIPTION FROM IO LIST
SIS001-UA-05	SIS PANEL KEY SELECTOR
-	-
-	-
-	-
-	-

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - FAULT ALARM SIGNALS TO DCS

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

SCALE : 1

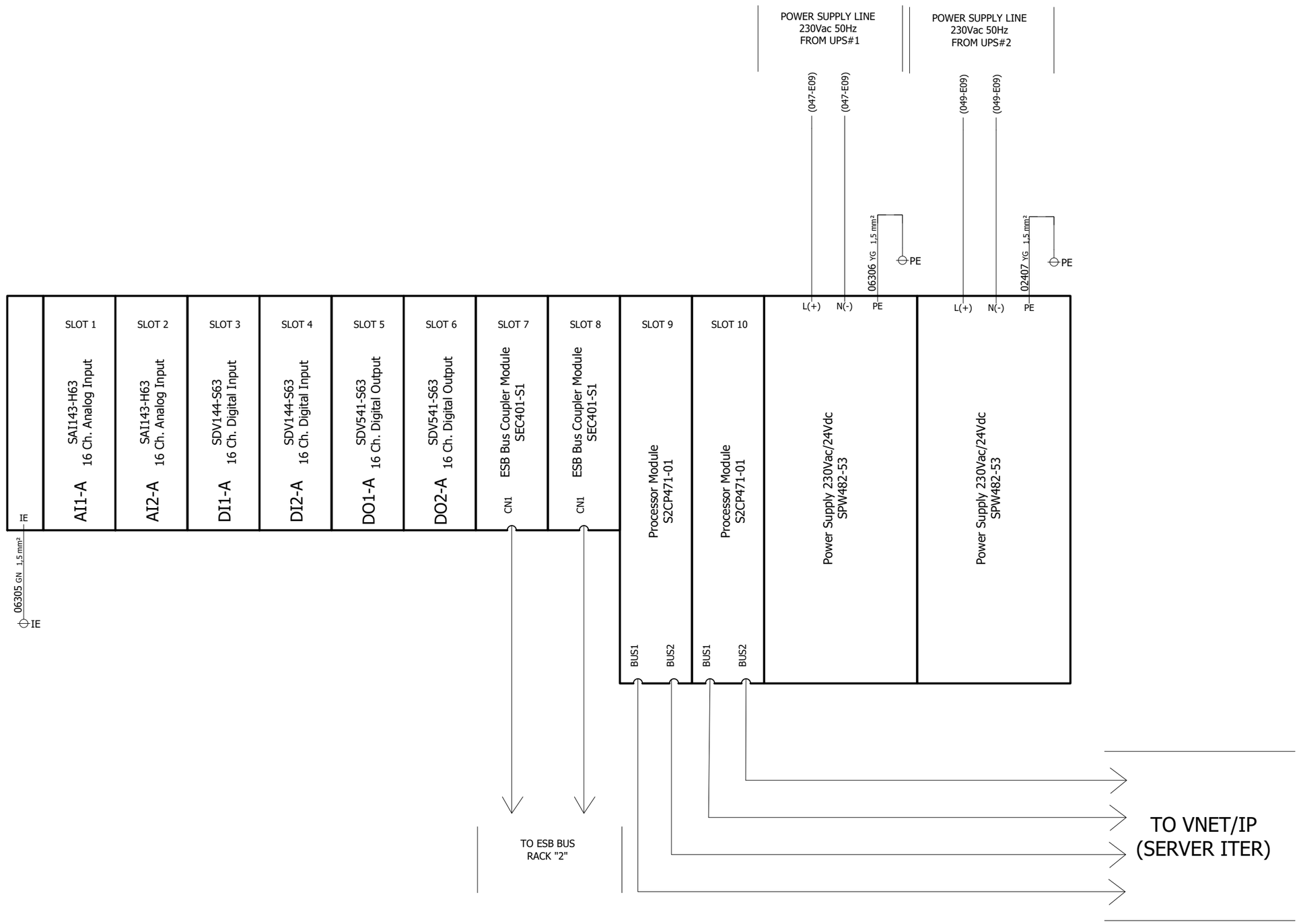
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 062

REV. 3

SIS PANEL - RACK "1" POWER DISTRIBUTION



REFER TO DOC. N. 1724000594-IN-DG-00016
"NETWORK CONNECTION DIAGRAM"

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - RACK "1" POWER DISTRIBUTION

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

SCALE : 1

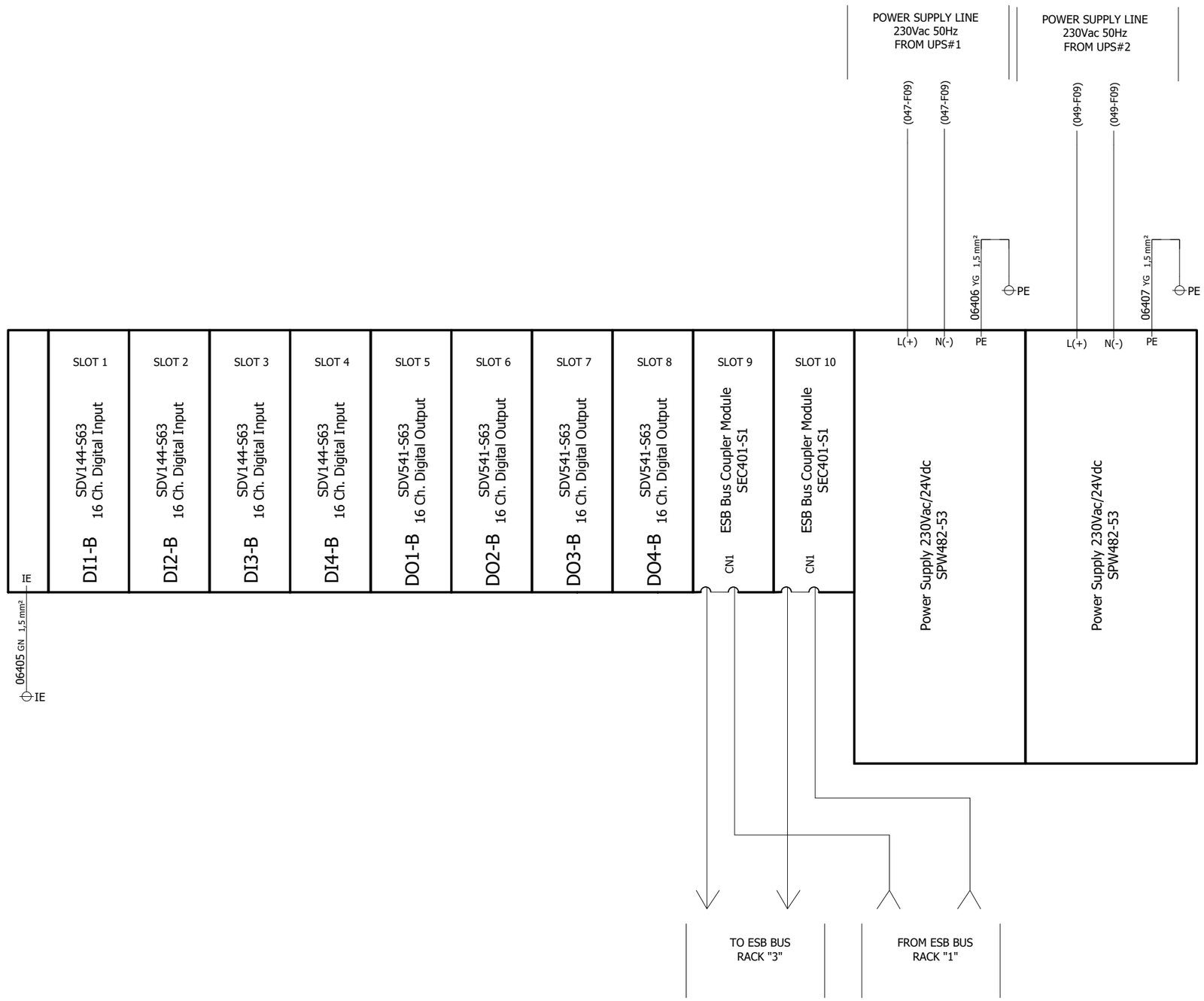
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 063

REV. 3

SIS PANEL - RACK "2" POWER DISTRIBUTION



REFER TO DOC. N. 1724000594-IN-DG-00016
"NETWORK CONNECTION DIAGRAM"

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - RACK "2" POWER DISTRIBUTION

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

SCALE : 1

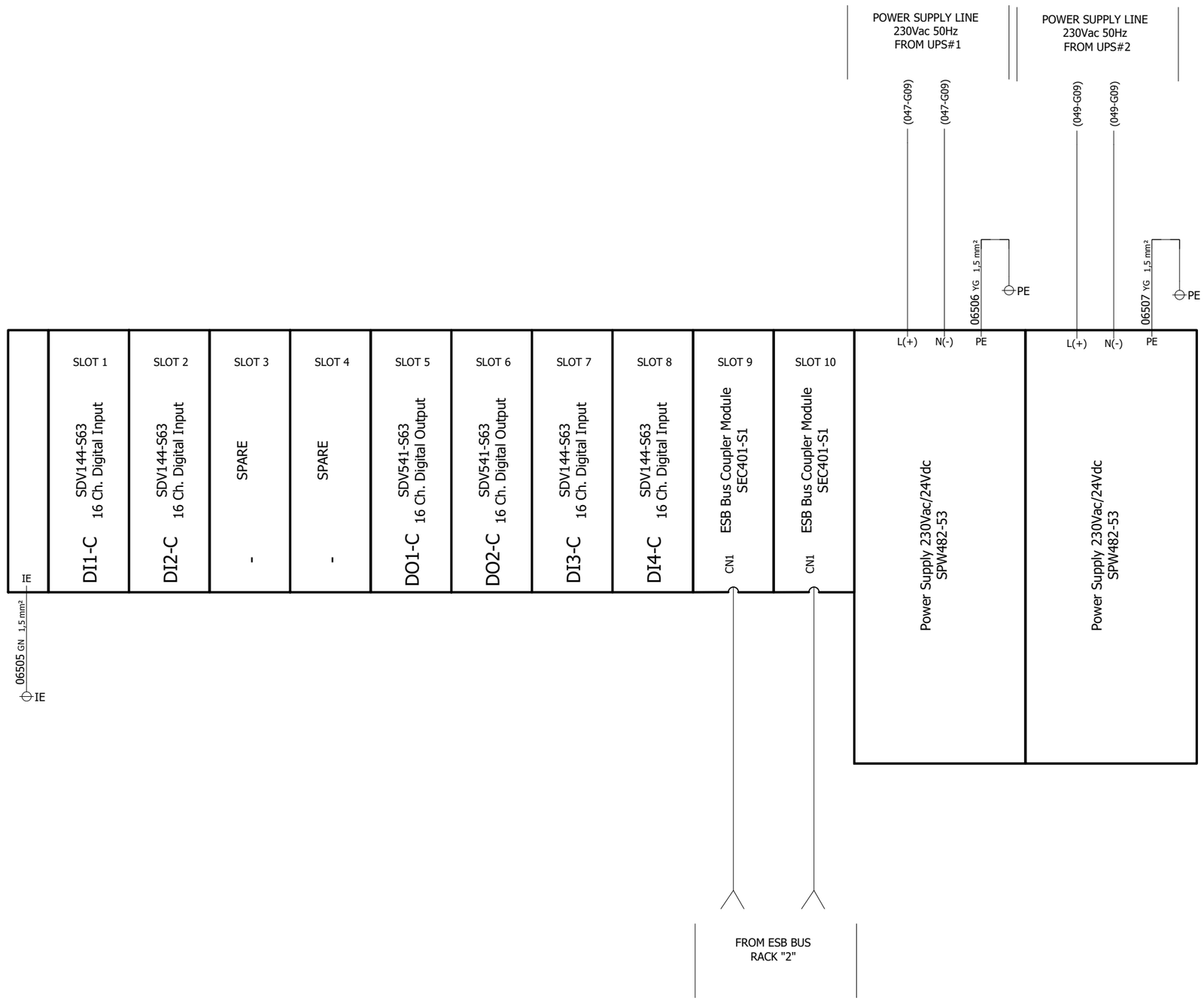
A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 064

REV. 3

SIS PANEL - RACK "3" POWER DISTRIBUTION



REFER TO DOC. N. 1724000594-IN-DG-00016
"NETWORK CONNECTION DIAGRAM"

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - RACK "3" POWER DISTRIBUTION

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

SCALE : 1

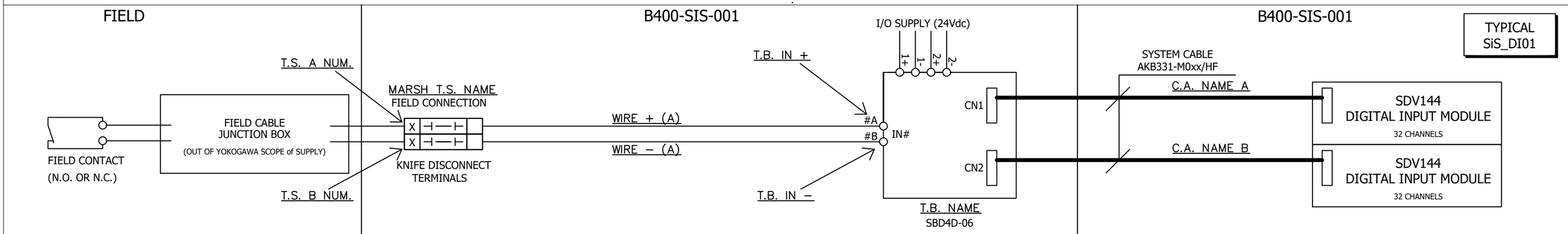
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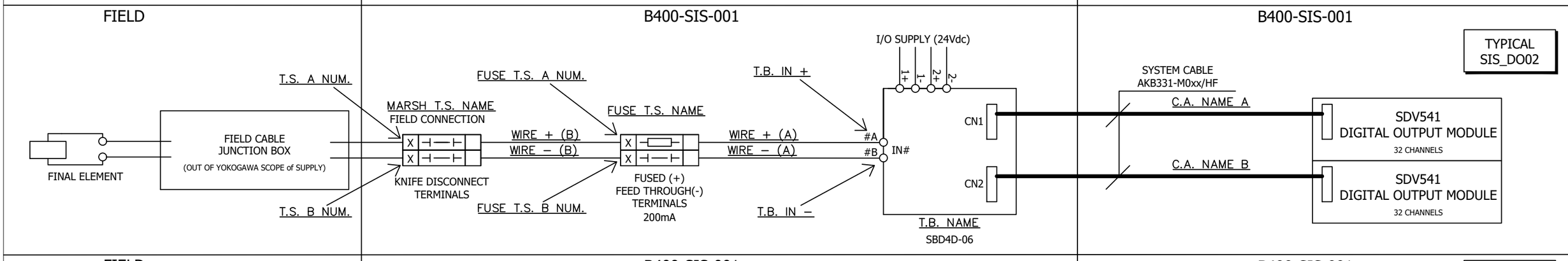
DRAWING NO.
1724000594-IN-DG-00021

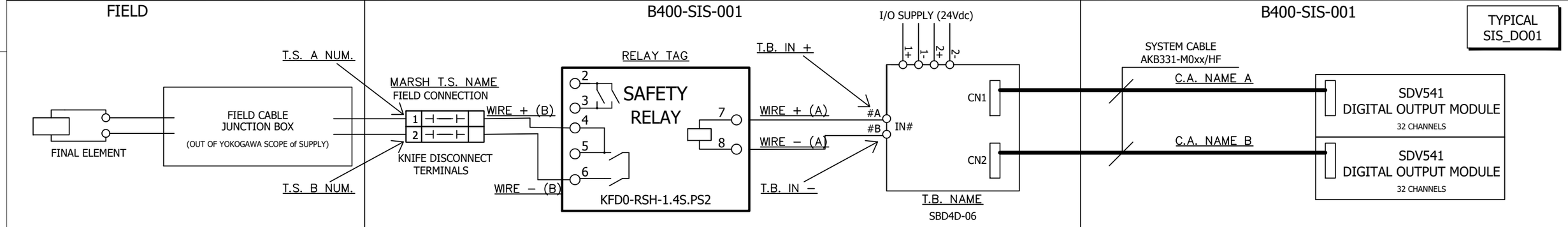
SHEET 065

REV. 3

SIS PANEL - TYPICAL WIRING DIGITAL INPUT/OUTPUT







REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - TYPICAL WIRING DIGITAL INPUT/OUTPUT

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

SCALE : 1

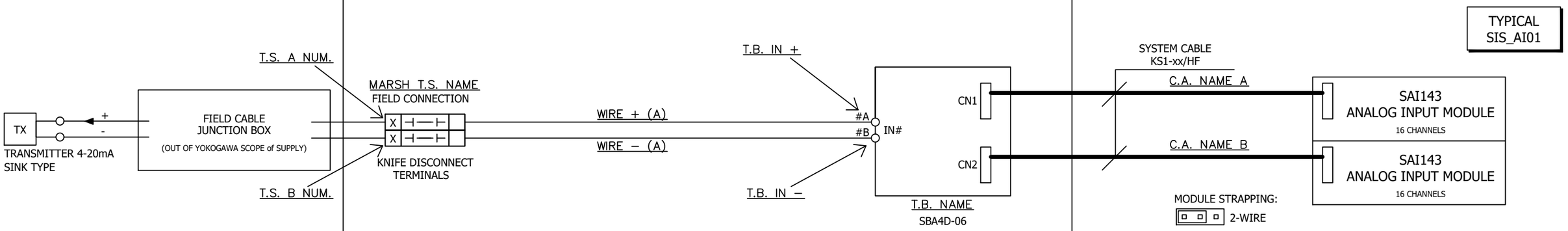
A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 066

REV. 3

SIS PANEL - TYPICAL WIRING ANALOG INPUT



REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - TYPICAL WIRING ANALOG INPUT

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 067

REV. 3

SHEET LEFT INTENTIONALLY BLANK

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SPARE PAGE

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 068

REV. 3

SIS PANEL - TB-00-JE-23001 + TB-00-JE-23002 + TB-UP-200F3

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM.	WIRE + (A)	WIRE - (A)	WIRE + (B)	WIRE - (B)	WIRE SECTION (A+B)	WIRE COLOUR + (A+B)	WIRE COLOUR - (A+B)	FUSE T.S. NAME	FUSE T.S. A NUM	FUSE T.S. B NUM	T.B. NAME	T.B. IN +	T.B. IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	RELAY	TYPICAL
25-BDY-005	DO	TB-00-JE-23001	1	2	06901	06902	06903	06904	1mm²	BK	WH	TS-01-05	1	2	TB-01-05	05A	05B	01	05	05	CA_01_05	CA_01_06	-	ESD_DO2
25-BDY-007	DO	TB-00-JE-23001	3	4	06905	06906	06907	06908	1mm²	BK	WH	TS-01-05	3	4	TB-01-05	06A	06B	01	05	06	CA_01_05	CA_01_06	-	ESD_DO2
25-BDY-010	DO	TB-00-JE-23001	5	6	06909	06910	06911	06912	1mm²	BK	WH	TS-01-05	5	6	TB-01-05	07A	07B	01	05	07	CA_01_05	CA_01_06	-	ESD_DO2
25-BDY-013	DO	TB-00-JE-23001	7	8	06913	06914	06915	06916	1mm²	BK	WH	TS-01-05	7	8	TB-01-05	08A	08B	01	05	08	CA_01_05	CA_01_06	-	ESD_DO2
25-BDY-016	DO	TB-00-JE-23001	9	10	06917	06918	06919	06920	1mm²	BK	WH	TS-01-05	9	10	TB-01-05	09A	09B	01	05	09	CA_01_05	CA_01_06	-	ESD_DO2
25-BDY-019	DO	TB-00-JE-23001	11	12	06921	06922	06923	06924	1mm²	BK	WH	TS-01-05	11	12	TB-01-05	10A	10B	01	05	10	CA_01_05	CA_01_06	-	ESD_DO2
SPARE	DO	TB-00-JE-23001	13	14																				
SPARE	DO	TB-00-JE-23001	15	16																				
SPARE	DO	TB-00-JE-23001	17	18																				
SPARE	DO	TB-00-JE-23001	19	20																				
SPARE	DO	TB-00-JE-23001	21	22																				
SPARE	DO	TB-00-JE-23001	23	24																				
25-SDY-001	DO	TB-00-JE-23002	1	2	06925	06926	06927	06928	1mm²	BK	WH	TS-01-05	13	14	TB-01-05	12A	12B	01	05	12	CA_01_05	CA_01_06	-	ESD_DO2
WS0110010513	DO	TB-00-JE-23002	3	4	06929	06930	06931	06932	1mm²	BK	WH	TS-01-05	15	16	TB-01-05	13A	13B	01	05	13	CA_01_05	CA_01_06	-	ESD_DO2
25-BDY-022	DO	TB-00-JE-23002	5	6	06933	06934	06935	06936	1mm²	BK	WH	TS-01-05	17	18	TB-01-05	11A	11B	01	05	11	CA_01_05	CA_01_06	-	ESD_DO2
25-SDY-023	DO	TB-00-JE-23002	7	8	06937	06938	06939	06940	1mm²	BK	WH	TS-02-05	1	2	TB-02-05	04A	04B	02	05	04	CA_02_05	CA_02_06	-	ESD_DO2
64-SDY-001	DO	TB-00-JE-23002	9	10	06941	06942	06943	06944	1mm²	BK	WH	TS-02-05	3	4	TB-02-05	09A	09B	02	05	09	CA_02_05	CA_02_06	-	ESD_DO2
WS0110010514	DO	TB-00-JE-23002	11	12	06945	06946	06947	06948	1mm²	BK	WH	TS-01-05	19	20	TB-01-05	14A	14B	01	05	14	CA_01_05	CA_01_06	-	ESD_DO2
84-XS-001	DO	TB-UP-200F3	1	2	06949	06950	06951	06952	1mm²	BK	WH	TS-02-07	1	2	TB-02-07	12A	12B	02	07	12	CA_02_07	CA_02_08	-	ESD_DO2
84-XS-002	DO	TB-UP-200F3	3	4	06953	06954	06955	06956	1mm²	BK	WH	TS-03-05	1	2	TB-03-05	01A	01B	03	05	01	CA_03_05	CA_03_06	-	ESD_DO2
84-XS-003	DO	TB-UP-200F3	5	6	06957	06958	06959	06960	1mm²	BK	WH	TS-03-05	3	4	TB-03-05	02A	02B	03	05	02	CA_03_05	CA_03_06	-	ESD_DO2
84-XS-004	DO	TB-UP-200F3	7	8	06961	06962	06963	06964	1mm²	BK	WH	TS-03-05	5	6	TB-03-05	03A	03B	03	05	03	CA_03_05	CA_03_06	-	ESD_DO2
84-XS-005	DO	TB-UP-200F3	9	10	06965	06966	06967	06968	1mm²	BK	WH	TS-03-05	7	8	TB-03-05	04A	04B	03	05	04	CA_03_05	CA_03_06	-	ESD_DO2
84-XS-010	DO	TB-UP-200F3	11	12	06969	06970	06971	06972	1mm²	BK	WH	TS-03-05	9	10	TB-03-05	07A	07B	03	05	07	CA_03_05	CA_03_06	-	ESD_DO2

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND ROSETTI MARINO

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - DIGITAL OUTPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 069

REV. 3

SIS PANEL - TB-XS-000

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM.	WIRE + (A)	WIRE - (A)	WIRE + (B)	WIRE - (B)	WIRE SECTION (A+B)	WIRE COLOUR + (A+B)	WIRE COLOUR - (A+B)	FUSE T.S. NAME	FUSE T.S. A NUM	FUSE T.S. B NUM	T.B. NAME	T.B. IN +	T.B. IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	RELAY	TYPICAL
83-XS-001A	DO	TB-XS-000	1	2	07001	07002	07003	07004	1mm²	BK	WH	TS-01-05	21	22	TB-01-05	01A	01B	01	05	01	CA_01_05	CA_01_06	-	ESD_DO2
84-XS-007A	DO	TB-XS-000	3	4	07005	07006	07007	07008	1mm²	BK	WH	TS-01-05	23	24	TB-01-05	02A	02B	01	05	02	CA_01_05	CA_01_06	-	ESD_DO2
84-XS-008A	DO	TB-XS-000	5	6	07009	07010	07011	07012	1mm²	BK	WH	TS-01-05	25	26	TB-01-05	03A	03B	01	05	03	CA_01_05	CA_01_06	-	ESD_DO2
20-XS-001	DO	TB-XS-000	7	8	07013	07014	07015	07016	1mm²	BK	WH	TS-01-05	27	28	TB-01-05	04A	04B	01	05	04	CA_01_05	CA_01_06	-	ESD_DO2
83-XS-001B	DO	TB-XS-000	9	10	07017	07018	07019	07020	1mm²	BK	WH	TS-02-05	5	6	TB-02-05	01A	01B	02	05	01	CA_02_05	CA_02_06	-	ESD_DO2
84-XS-007B	DO	TB-XS-000	11	12	07021	07022	07023	07024	1mm²	BK	WH	TS-02-05	7	8	TB-02-05	02A	02B	02	05	02	CA_02_05	CA_02_06	-	ESD_DO2
84-XS-008B	DO	TB-XS-000	13	14	07025	07026	07027	07028	1mm²	BK	WH	TS-02-05	9	10	TB-02-05	03A	03B	02	05	03	CA_02_05	CA_02_06	-	ESD_DO2
50-XS-001	DO	TB-XS-000	15	16	07029	07030	07031	07032	1mm²	BK	WH	TS-02-05	11	12	TB-02-05	05A	05B	02	05	05	CA_02_05	CA_02_06	-	ESD_DO2
63-XS-001	DO	TB-XS-000	17	18	07033	07034	07035	07036	1mm²	BK	WH	TS-02-05	13	14	TB-02-05	08A	08B	02	05	08	CA_02_05	CA_02_06	-	ESD_DO2
64-XS-001	DO	TB-XS-000	19	20	07037	07038	07039	07040	1mm²	BK	WH	TS-02-05	15	16	TB-02-05	10A	10B	02	05	10	CA_02_05	CA_02_06	-	ESD_DO2
77-XS-001	DO	TB-XS-000	21	22	07041	07042	07043	07044	1mm²	BK	WH	TS-02-05	17	18	TB-02-05	11A	11B	02	05	11	CA_02_05	CA_02_06	-	ESD_DO2
77-XS-002	DO	TB-XS-000	23	24	07045	07046	07047	07048	1mm²	BK	WH	TS-02-05	19	20	TB-02-05	12A	12B	02	05	12	CA_02_05	CA_02_06	-	ESD_DO2
77-XS-003	DO	TB-XS-000	25	26	07049	07050	07051	07052	1mm²	BK	WH	TS-02-07	3	4	TB-02-07	01A	01B	02	07	01	CA_02_07	CA_02_08	-	ESD_DO2
77-XS-004	DO	TB-XS-000	27	28	07053	07054	07055	07056	1mm²	BK	WH	TS-02-07	5	6	TB-02-07	02A	02B	02	07	02	CA_02_07	CA_02_08	-	ESD_DO2
80-XS-001	DO	TB-XS-000	29	30	07057	07058	07059	07060	1mm²	BK	WH	TS-02-07	7	8	TB-02-07	07A	07B	02	07	07	CA_02_07	CA_02_08	-	ESD_DO2
81-XS-001	DO	TB-XS-000	31	32	07061	07062	07063	07064	1mm²	BK	WH	TS-02-07	9	10	TB-02-07	08A	08B	02	07	08	CA_02_07	CA_02_08	-	ESD_DO2
82-XS-001	DO	TB-XS-000	33	34	07065	07066	07067	07068	1mm²	BK	WH	TS-02-07	11	12	TB-02-07	09A	09B	02	07	09	CA_02_07	CA_02_08	-	ESD_DO2
82-XS-002	DO	TB-XS-000	35	36	07069	07070	07071	07072	1mm²	BK	WH	TS-02-07	13	14	TB-02-07	10A	10B	02	07	10	CA_02_07	CA_02_08	-	ESD_DO2
82-XS-003	DO	TB-XS-000	37	38	07073	07074	07075	07076	1mm²	BK	WH	TS-02-07	15	16	TB-02-07	11A	11B	02	07	11	CA_02_07	CA_02_08	-	ESD_DO2

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
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1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - DIGITAL OUTPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 070

REV. 3

SIS PANEL - DIGITAL SIGNALS

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S.A NUM.	WIRE + (A)	WIRE - (A)	WIRE + (B)	WIRE - (B)	WIRE SECTION (A+B)	WIRE COLOUR + (A+B)	WIRE COLOUR - (A+B)	FUSE T.S. NAME	FUSE T.S. A NUM	FUSE T.S. B NUM	T.B. NAME	T.B. IN +	T.B. IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	RELAY	TYPICAL
84-XS-006	DO	TB-XS-000	39	40	07101	07102	07103	07104	1mm²	BK	WH	TS-03-05	11	12	TB-03-05	05A	05B	03	05	05	CA_03_05	CA_03_06	-	ESD_DO2
84-XS-009	DO	TB-XS-000	41	42	07105	07106	07107	07108	1mm²	BK	WH	TS-03-05	13	14	TB-03-05	06A	06B	03	05	06	CA_03_05	CA_03_06	-	ESD_DO2
84-XS-011	DO	TB-XS-000	43	44	07109	07110	07111	07112	1mm²	BK	WH	TS-03-05	15	16	TB-03-05	08A	08B	03	05	08	CA_03_05	CA_03_06	-	ESD_DO2
85-XS-001	DO	TB-XS-000	45	46	07113	07114	07115	07116	1mm²	BK	WH	TS-03-05	17	18	TB-03-05	09A	09B	03	05	09	CA_03_05	CA_03_06	-	ESD_DO2
79-XS-010	DO	TB-XS-000	47	48	07117	07118	07119	07120	1mm²	BK	WH	TS-03-05	19	20	TB-03-05	10A	10B	03	05	10	CA_03_05	CA_03_06	-	ESD_DO2
WS0110030511	DO	TB-XS-000	49	50	07121	07122	07123	07124	1mm²	BK	WH	TS-03-05	21	22	TB-03-05	11A	11B	03	05	11	CA_03_05	CA_03_06	-	ESD_DO2
WS0110020513	DO	TB-XS-000	51	52	07125	07126	07127	07128	1mm²	BK	WH	-	-	-	TB-02-05	13A	13B	02	05	13	CA_02_05	CA_02_06	KA1	ESD_DO1
WS0110020514	DO	TB-XS-000	53	54	07129	07130	07131	07132	1mm²	BK	WH	-	-	-	TB-02-05	14A	14B	02	05	14	CA_02_05	CA_02_06	KA2	ESD_DO1
SPARE	DO	TB-XS-000	55	56																				
SPARE	DO	TB-XS-000	57	58																				

01 02 03 04 05 06 07 08 09 10

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - DIGITAL OUTPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 071

REV. 3

SHEET LEFT INTENTIONALLY BLANK

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SPARE PAGE

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 072

REV. 3

SIS PANEL - TB-00-JE-22001

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM.	WIRE + (A)	WIRE - (A)	WIRE SECTION (A)	WIRE COLOUR + (A)	WIRE COLOUR - (A)	T.B. NAME	T.B. IN +	T.B. IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
25-ZSL-005	DI	TB-00-JE-22001	1	2	07301	07302	1mm²	BK	WH	TB-01-03	01A	01B	01	03	01	CA_01_03	CA_01_04	SIS_DI01
25-ZSH-005	DI	TB-00-JE-22001	3	4	07303	07304	1mm²	BK	WH	TB-01-03	02A	02B	01	03	02	CA_01_03	CA_01_04	SIS_DI01
25-ZSL-007	DI	TB-00-JE-22001	5	6	07305	07306	1mm²	BK	WH	TB-01-03	03A	03B	01	03	03	CA_01_03	CA_01_04	SIS_DI01
25-ZSH-007	DI	TB-00-JE-22001	7	8	07307	07308	1mm²	BK	WH	TB-01-03	04A	04B	01	03	04	CA_01_03	CA_01_04	SIS_DI01
25-ZSL-010	DI	TB-00-JE-22001	9	10	07309	07310	1mm²	BK	WH	TB-01-03	05A	05B	01	03	05	CA_01_03	CA_01_04	SIS_DI01
25-ZSH-010	DI	TB-00-JE-22001	11	12	07311	07312	1mm²	BK	WH	TB-01-03	06A	06B	01	03	06	CA_01_03	CA_01_04	SIS_DI01
25-ZSL-013	DI	TB-00-JE-22001	13	14	07313	07314	1mm²	BK	WH	TB-01-03	07A	07B	01	03	07	CA_01_03	CA_01_04	SIS_DI01
25-ZSH-013	DI	TB-00-JE-22001	15	16	07315	07316	1mm²	BK	WH	TB-01-03	08A	08B	01	03	08	CA_01_03	CA_01_04	SIS_DI01
25-ZSL-016	DI	TB-00-JE-22001	17	18	07317	07318	1mm²	BK	WH	TB-01-03	09A	09B	01	03	09	CA_01_03	CA_01_04	SIS_DI01
25-ZSH-016	DI	TB-00-JE-22001	19	20	07319	07320	1mm²	BK	WH	TB-01-03	10A	10B	01	03	10	CA_01_03	CA_01_04	SIS_DI01
WS0110010315	DI	TB-00-JE-22001	21	22	07327	07328	1mm²	BK	WH	TB-01-03	15A	15B	01	03	15	CA_01_03	CA_01_04	SIS_DI01
WS0110010316	DI	TB-00-JE-22001	23	24	07329	07330	1mm²	BK	WH	TB-01-03	16A	16B	01	03	16	CA_01_03	CA_01_04	SIS_DI01
25-ZSL-019	DI	TB-00-JE-22001	25	26	07321	07322	1mm²	BK	WH	TB-01-03	11A	11B	01	03	11	CA_01_03	CA_01_04	SIS_DI01
25-ZSH-019	DI	TB-00-JE-22001	27	28	07323	07324	1mm²	BK	WH	TB-01-03	12A	12B	01	03	12	CA_01_03	CA_01_04	SIS_DI01
950-ASD-01101	DI	TB-00-JE-22001	29	30	07325	07326	1mm²	BK	WH	TB-01-03	13A	13B	01	03	13	CA_01_03	CA_01_04	SIS_DI01
950-MOB-01101	DI	TB-00-JE-22001	31	32	07331	07332	1mm²	BK	WH	TB-02-01	01A	01B	02	01	01	CA_02_01	CA_02_02	SIS_DI01
950-ESD-01101	DI	TB-00-JE-22001	33	34	07333	07334	1mm²	BK	WH	TB-02-01	02A	02B	02	01	02	CA_02_01	CA_02_02	SIS_DI01
950-ESDD-01101	DI	TB-00-JE-22001	35	36	07335	07336	1mm²	BK	WH	TB-02-01	03A	03B	02	01	03	CA_02_01	CA_02_02	SIS_DI01
950-ASD-04101	DI	TB-00-JE-22001	37	38	07337	07338	1mm²	BK	WH	TB-02-01	04A	04B	02	01	04	CA_02_01	CA_02_02	SIS_DI01
950-MOB-04101	DI	TB-00-JE-22001	39	40	07339	07340	1mm²	BK	WH	TB-02-01	05A	05B	02	01	05	CA_02_01	CA_02_02	SIS_DI01
950-ESD-04101	DI	TB-00-JE-22001	41	42	07341	07342	1mm²	BK	WH	TB-02-01	06A	06B	02	01	06	CA_02_01	CA_02_02	SIS_DI01
950-ESDD-04101	DI	TB-00-JE-22001	43	44	07343	07344	1mm²	BK	WH	TB-02-01	07A	07B	02	01	07	CA_02_01	CA_02_02	SIS_DI01
WS0110020316	DI	TB-00-JE-22001	45	46	07345	07346	1mm²	BK	WH	TB-02-03	16A	16B	02	03	16	CA_02_03	CA_02_04	SIS_DI01
SPARE	DI	TB-00-JE-22001	47	48														

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - DIGITAL INPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 073

REV. 3

SIS PANEL - TB-00-JE-22002

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM.	WIRE + (A)	WIRE - (A)	WIRE SECTION (A)	WIRE COLOUR + (A)	WIRE COLOUR - (A)	T.B. NAME	T.B. IN +	T.B. IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
25-ZSL-001	DI	TB-00-JE-22002	1	2	07401	07402	1mm²	BK	WH	TB-02-01	08A	08B	02	01	08	CA_02_01	CA_02_02	SIS_DI01
25-ZSH-001	DI	TB-00-JE-22002	3	4	07403	07404	1mm²	BK	WH	TB-02-01	09A	09B	02	01	09	CA_02_01	CA_02_02	SIS_DI01
25-ZSL-023	DI	TB-00-JE-22002	5	6	07405	07406	1mm²	BK	WH	TB-02-01	10A	10B	02	01	10	CA_02_01	CA_02_02	SIS_DI01
25-ZSH-023	DI	TB-00-JE-22002	7	8	07407	07408	1mm²	BK	WH	TB-02-01	11A	11B	02	01	11	CA_02_01	CA_02_02	SIS_DI01
25-ZSL-022	DI	TB-00-JE-22002	9	10	07409	07410	1mm²	BK	WH	TB-02-01	12A	12B	02	01	12	CA_02_01	CA_02_02	SIS_DI01
25-ZSH-022	DI	TB-00-JE-22002	11	12	07411	07412	1mm²	BK	WH	TB-02-01	13A	13B	02	01	13	CA_02_01	CA_02_02	SIS_DI01
64-ZSL-001	DI	TB-00-JE-22002	13	14	07419	07420	1mm²	BK	WH	TB-02-03	01A	01B	02	03	01	CA_02_03	CA_02_04	SIS_DI01
64-ZSH-001	DI	TB-00-JE-22002	15	16	07421	07422	1mm²	BK	WH	TB-02-03	02A	02B	02	03	02	CA_02_03	CA_02_04	SIS_DI01
950-ASD-03101	DI	TB-00-JE-22002	17	18	07423	07424	1mm²	BK	WH	TB-02-03	03A	03B	02	03	03	CA_02_03	CA_02_04	SIS_DI01
WS0110020114	DI	TB-00-JE-22002	19	20	07413	07414	1mm²	BK	WH	TB-02-01	14A	14B	02	01	14	CA_02_01	CA_02_02	SIS_DI01
WS0110020115	DI	TB-00-JE-22002	21	22	07415	07416	1mm²	BK	WH	TB-02-01	15A	15B	02	01	15	CA_02_01	CA_02_02	SIS_DI01
WS0110020116	DI	TB-00-JE-22002	23	24	07417	07418	1mm²	BK	WH	TB-02-01	16A	16B	02	01	16	CA_02_01	CA_02_02	SIS_DI01
950-MOB-03101	DI	TB-00-JE-22002	25	26	07425	07426	1mm²	BK	WH	TB-02-03	04A	04B	02	03	04	CA_02_03	CA_02_04	SIS_DI01
950-ESD-03101	DI	TB-00-JE-22002	27	28	07427	07428	1mm²	BK	WH	TB-02-03	05A	05B	02	03	05	CA_02_03	CA_02_04	SIS_DI01
950-ESDD-03101	DI	TB-00-JE-22002	29	30	07429	07430	1mm²	BK	WH	TB-02-03	06A	06B	02	03	06	CA_02_03	CA_02_04	SIS_DI01
950-ASD-06101	DI	TB-00-JE-22002	31	32	07431	07432	1mm²	BK	WH	TB-02-03	07A	07B	02	03	07	CA_02_03	CA_02_04	SIS_DI01
950-MOB-06101	DI	TB-00-JE-22002	33	34	07433	07434	1mm²	BK	WH	TB-02-03	08A	08B	02	03	08	CA_02_03	CA_02_04	SIS_DI01
950-ESD-06101	DI	TB-00-JE-22002	35	36	07435	07436	1mm²	BK	WH	TB-02-03	09A	09B	02	03	09	CA_02_03	CA_02_04	SIS_DI01
950-ESDD-06101	DI	TB-00-JE-22002	37	38	07437	07438	1mm²	BK	WH	TB-02-03	10A	10B	02	03	10	CA_02_03	CA_02_04	SIS_DI01
950-ASD-07101	DI	TB-00-JE-22002	39	40	07439	07440	1mm²	BK	WH	TB-02-03	11A	11B	02	03	11	CA_02_03	CA_02_04	SIS_DI01
950-MOB-07101	DI	TB-00-JE-22002	41	42	07441	07442	1mm²	BK	WH	TB-02-03	12A	12B	02	03	12	CA_02_03	CA_02_04	SIS_DI01
950-ESD-07101	DI	TB-00-JE-22002	43	44	07443	07444	1mm²	BK	WH	TB-02-03	13A	13B	02	03	13	CA_02_03	CA_02_04	SIS_DI01
950-ESDD-07101	DI	TB-00-JE-22002	45	46	07445	07446	1mm²	BK	WH	TB-02-03	14A	14B	02	03	14	CA_02_03	CA_02_04	SIS_DI01
WS0110020315	DI	TB-00-JE-22002	47	48	07447	07448	1mm²	BK	WH	TB-02-03	15A	15B	02	03	15	CA_02_03	CA_02_04	SIS_DI01

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - DIGITAL INPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO.
1724000594-IN-DG-00021

SHEET 074

REV. 3

SIS PANEL - TB-P320PLC + TB-XA-000 + AT01

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM.	WIRE + (A)	WIRE - (A)	WIRE SECTION (A)	WIRE COLOUR + (A)	WIRE COLOUR - (A)	T.B. NAME	T.B. IN +	T.B. IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
85-XA-003	DI	TB-P320PLC	1	2	07501	07502	1mm²	BK	WH	TB-03-01	01A	01B	03	01	01	CA_03_01	CA_03_02	SIS_DI01
85-XA-004	DI	TB-P320PLC	3	4	07523	07524	1mm²	BK	WH	TB-03-01	12A	12B	03	01	12	CA_03_01	CA_03_02	SIS_DI01
20-XA-003	DI	TB-XA-000	1	2	07503	07504	1mm²	BK	WH	TB-03-01	02A	02B	03	01	02	CA_03_01	CA_03_02	SIS_DI01
80-XA-003	DI	TB-XA-000	3	4	07505	07506	1mm²	BK	WH	TB-03-01	03A	03B	03	01	03	CA_03_01	CA_03_02	SIS_DI01
50-XA-003	DI	TB-XA-000	5	6	07507	07508	1mm²	BK	WH	TB-03-01	04A	04B	03	01	04	CA_03_01	CA_03_02	SIS_DI01
63-XA-003	DI	TB-XA-000	7	8	07509	07510	1mm²	BK	WH	TB-03-01	05A	05B	03	01	05	CA_03_01	CA_03_02	SIS_DI01
64-XA-003	DI	TB-XA-000	9	10	07511	07512	1mm²	BK	WH	TB-03-01	06A	06B	03	01	06	CA_03_01	CA_03_02	SIS_DI01
77-XA-001	DI	TB-XA-000	11	12	07513	07514	1mm²	BK	WH	TB-03-01	07A	07B	03	01	07	CA_03_01	CA_03_02	SIS_DI01
77-XA-002	DI	TB-XA-000	13	14	07515	07516	1mm²	BK	WH	TB-03-01	08A	08B	03	01	08	CA_03_01	CA_03_02	SIS_DI01
77-XA-003	DI	TB-XA-000	15	16	07517	07518	1mm²	BK	WH	TB-03-01	09A	09B	03	01	09	CA_03_01	CA_03_02	SIS_DI01
77-XA-004	DI	TB-XA-000	17	18	07519	07520	1mm²	BK	WH	TB-03-01	10A	10B	03	01	10	CA_03_01	CA_03_02	SIS_DI01
72-XA-001	DI	TB-XA-000	19	20	07521	07522	1mm²	BK	WH	TB-03-01	11A	11B	03	01	11	CA_03_01	CA_03_02	SIS_DI01
WS0110030113	DI	TB-XA-000	21	22	07525	07526	1mm²	BK	WH	TB-03-01	13A	13B	03	01	13	CA_03_01	CA_03_02	SIS_DI01
WS0110030114	DI	TB-XA-000	23	24	07527	07528	1mm²	BK	WH	TB-03-01	14A	14B	03	01	14	CA_03_01	CA_03_02	SIS_DI01
WS0110030115	DI	TB-XA-000	25	26	07529	07530	1mm²	BK	WH	TB-03-01	15A	15B	03	01	15	CA_03_01	CA_03_02	SIS_DI01
WS0110030116	DI	TB-XA-000	27	28	07531	07532	1mm²	BK	WH	TB-03-01	16A	16B	03	01	16	CA_03_01	CA_03_02	SIS_DI01

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - DIGITAL INPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 075

REV. 3

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REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SPARE PAGE

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 076

REV. 3

TAG NAME	IO TYPE	MARSH T.S. NAME	T.S. A NUM.	T.S. B NUM.	WIRE + (A)	WIRE - (A)	WIRE SECTION (A)	WIRE COLOUR + (A)	WIRE COLOUR - (A)	T.B. NAME	T.B. IN +	T.B. IN -	NODE	SLOT	CHANNEL	C.A. NAME A	C.A. NAME B	TYPICAL
25-PT-004	AI	TB-00-JE-21001	1	2	07701	07702	1mm²	BK	WH	TB-01-01	01A	01B	01	01	01	CA_01_01	CA_01_02	SIS_AI01
25-PT-006	AI	TB-00-JE-21001	3	4	07703	07704	1mm²	BK	WH	TB-01-01	02A	02B	01	01	02	CA_01_01	CA_01_02	SIS_AI01
25-PT-008	AI	TB-00-JE-21001	5	6	07705	07706	1mm²	BK	WH	TB-01-01	03A	03B	01	01	03	CA_01_01	CA_01_02	SIS_AI01
25-PT-009	AI	TB-00-JE-21001	7	8	07707	07708	1mm²	BK	WH	TB-01-01	04A	04B	01	01	04	CA_01_01	CA_01_02	SIS_AI01
25-PT-011	AI	TB-00-JE-21001	9	10	07709	07710	1mm²	BK	WH	TB-01-01	05A	05B	01	01	05	CA_01_01	CA_01_02	SIS_AI01
25-PT-012	AI	TB-00-JE-21001	11	12	07711	07712	1mm²	BK	WH	TB-01-01	06A	06B	01	01	06	CA_01_01	CA_01_02	SIS_AI01
WS0110010113	AI	TB-00-JE-21001	13	14	07713	07714	1mm²	BK	WH	TB-01-01	13A	13B	01	01	13	CA_01_01	CA_01_02	SIS_AI01
WS0110010114	AI	TB-00-JE-21001	15	16	07715	07716	1mm²	BK	WH	TB-01-01	15A	15B	01	01	15	CA_01_01	CA_01_02	SIS_AI01
WS0110010115	AI	TB-00-JE-21001	17	18	07717	07718	1mm²	BK	WH	TB-01-01	16A	16B	01	01	16	CA_01_01	CA_01_02	SIS_AI01
SPARE	AI	TB-00-JE-21001	19	20														
SPARE	AI	TB-00-JE-21001	21	22														
SPARE	AI	TB-00-JE-21001	23	24														
25-PT-002	AI	TB-00-JE-21002	1	2	07719	07720	1mm²	BK	WH	TB-01-01	07A	07B	01	01	07	CA_01_01	CA_01_02	SIS_AI01
80-PT-002	AI	TB-00-JE-21002	3	4	07721	07722	1mm²	BK	WH	TB-01-01	08A	08B	01	01	08	CA_01_01	CA_01_02	SIS_AI01
43-LT-001	AI	TB-00-JE-21002	5	6	07723	07724	1mm²	BK	WH	TB-01-01	14A	14B	01	01	14	CA_01_01	CA_01_02	SIS_AI01
64-PT-002	AI	TB-00-JE-21002	7	8	07725	07726	1mm²	BK	WH	TB-01-01	09A	09B	01	01	09	CA_01_01	CA_01_02	SIS_AI01
WS0110010111	AI	TB-00-JE-21002	9	10	07727	07728	1mm²	BK	WH	TB-01-01	11A	11B	01	01	11	CA_01_01	CA_01_02	SIS_AI01
WS0110010112	AI	TB-00-JE-21002	11	12	07729	07730	1mm²	BK	WH	TB-01-01	12A	12B	01	01	12	CA_01_01	CA_01_02	SIS_AI01
63-PT-004	AI	TB-63-PT-004	1	2	07731	07732	1mm²	BK	WH	TB-01-01	10A	10B	01	01	10	CA_01_01	CA_01_02	SIS_AI01

REV	DATE	PREPARED	CHECKED	APPROVED	DESCRIPTION
3	04.09.2025	AMA	MGA	MDO	AS BUILT (ASB)
2	14.11.2024	A.G.	A.B.	S.C.	ACCEPTED FOR CONSTRUCTION (AFC)
1	02.10.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)
0	05.07.2024	A.G.	A.B.	S.C.	ISSUE FOR REVIEW (IFR)

YOKOGAWA ◆ PROJECT Nr. E36672C00
DESCRIPTION: E366772C00-SIS_WD

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
SIS AND FGS WIRING DIAGRAMS AND TERMINAL STRIPS
SIS PANEL - ANALOG INPUT SIGNALS

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

SCALE : 1

A3

DRAWING NO. 1724000594-IN-DG-00021

SHEET 077

REV. 3