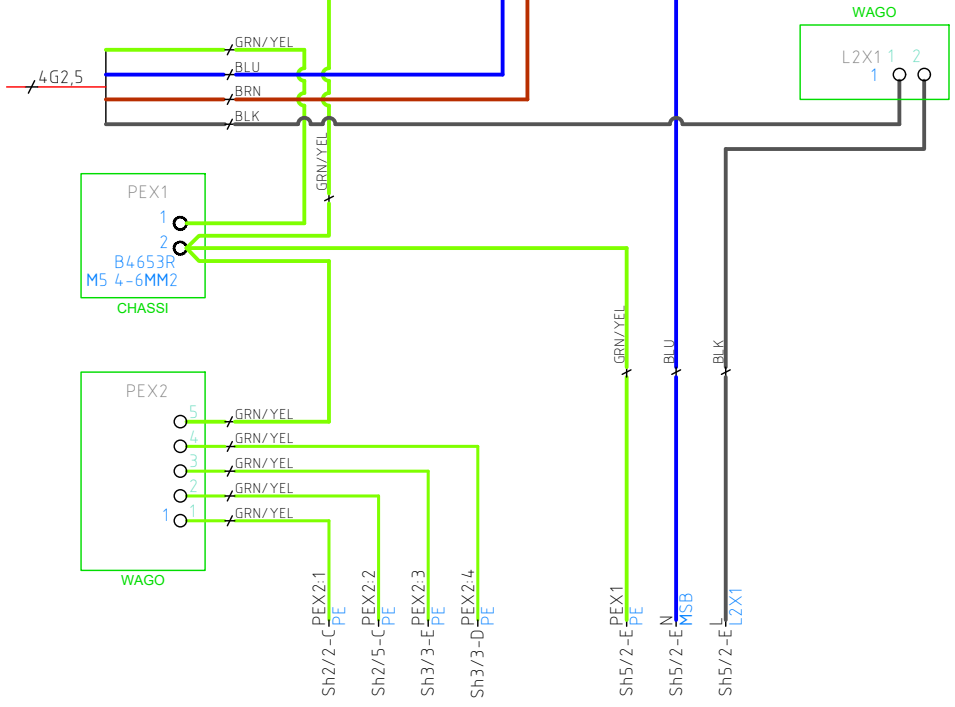


Main supply AHU
230V 50 Hz
2x10 A Fusing

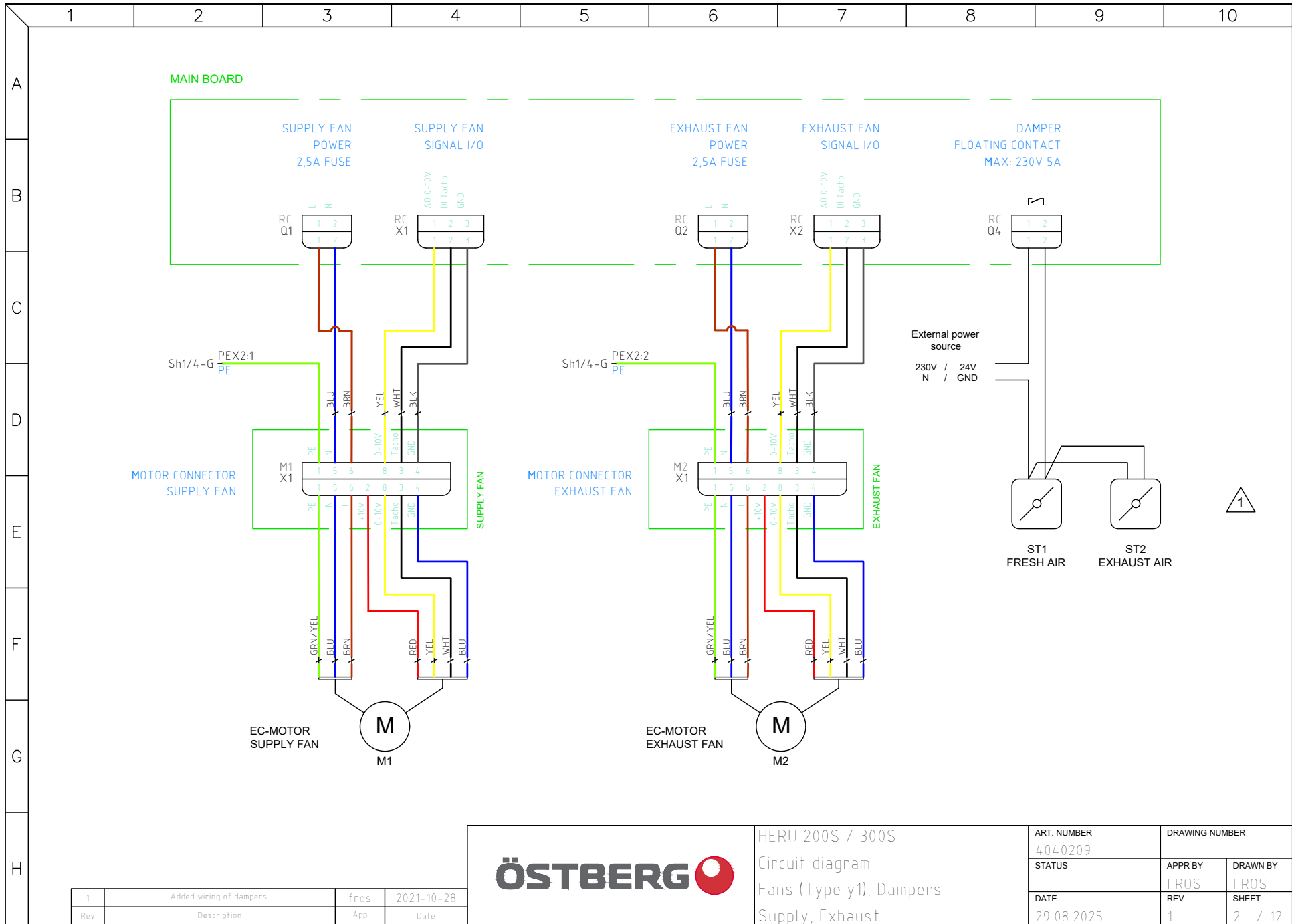


1	RC-MSc removed	fros	2021-02-25
Rev	Description	App	Date



HERU 200S / 300S
Circuit diagram
Power

ART. NUMBER 4040209	DRAWING NUMBER	
STATUS	APPR BY KRDO	DRAWN BY FROS
DATE 29.08.2025	REV 1	SHEET 1 / 12



HERU 200S / 300S

Circuit diagram
Fans (Type y1), Dampers
Supply, Exhaust

ART. NUMBER

4040209

STATUS

FROS

DATE

29.08.2025

DRAWING NUMBER

APPR BY

FROS

REV

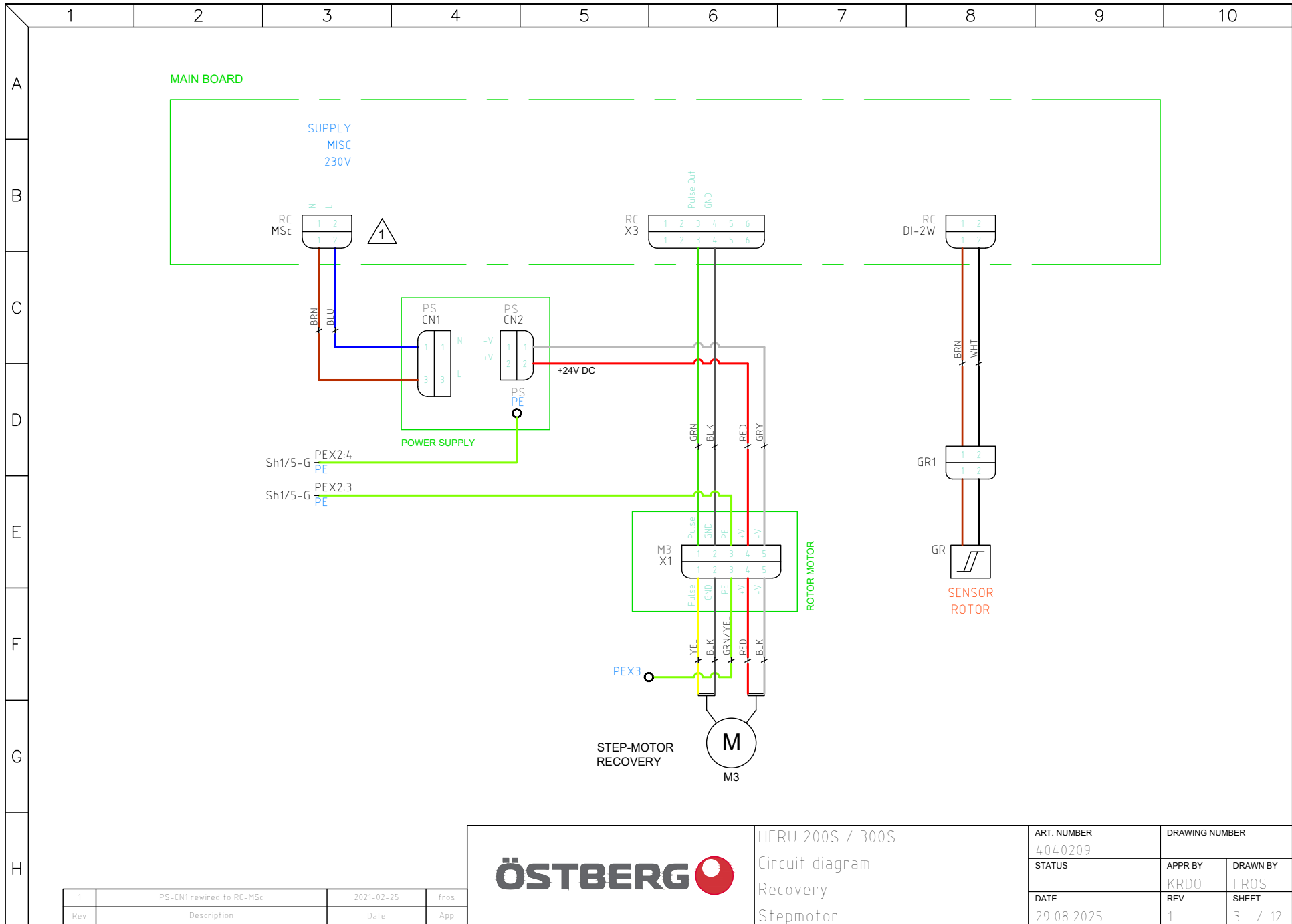
1

DRAWN BY

FROS

SHEET

2 / 12

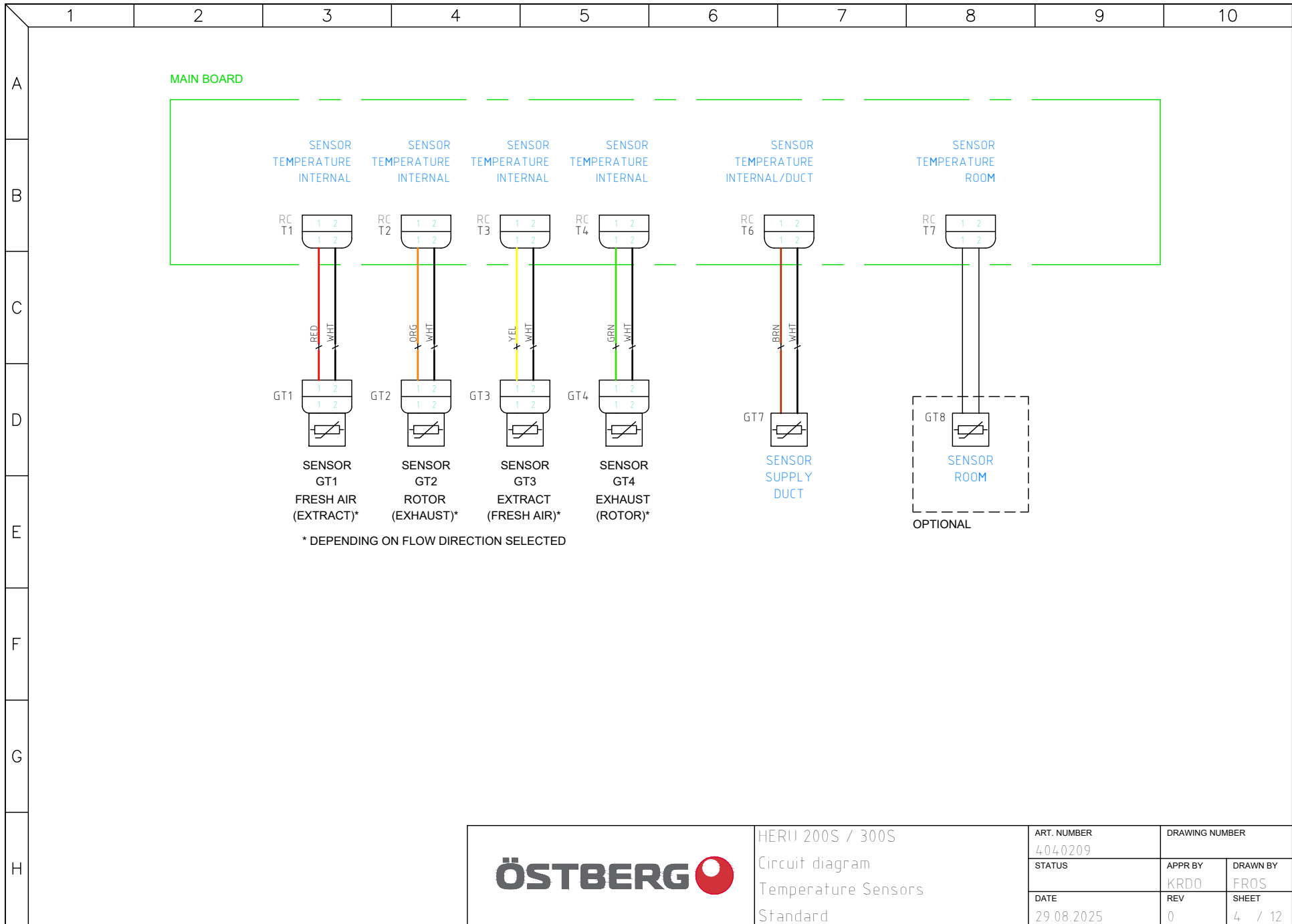


1	PS-CN1 rewired to RC-MSc	2021-02-25	fros
Rev	Description	Date	App



HERU 200S / 300S
Circuit diagram
Recovery
Stepmotor

ART. NUMBER 4040209	DRAWING NUMBER	
STATUS	APPR BY KRDO	DRAWN BY FROS
DATE 29.08.2025	REV 1	SHEET 3 / 12



HERU 200S / 300S
 Circuit diagram
 Temperature Sensors
 Standard

ART. NUMBER 4040209	DRAWING NUMBER	
STATUS	APPR BY KRDO	DRAWN BY FROS
DATE 29.08.2025	REV 0	SHEET 4 / 12

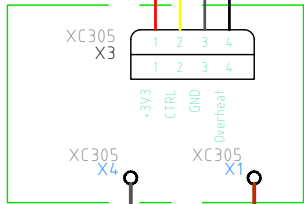
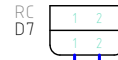
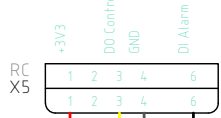
1 2 3 4 5 6 7 8 9 10

A
B
C
D
E
F
G
H

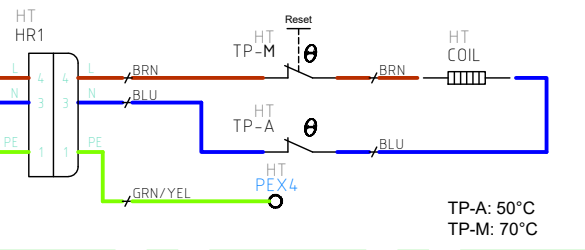
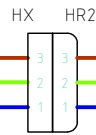
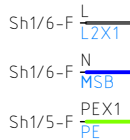
MAIN BOARD

AFTER HEATER
SIGNAL I/O

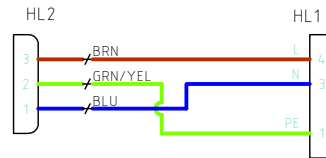
HEATER INTERLOCK
EXTERNAL INPUT
FLOATING



PULSER

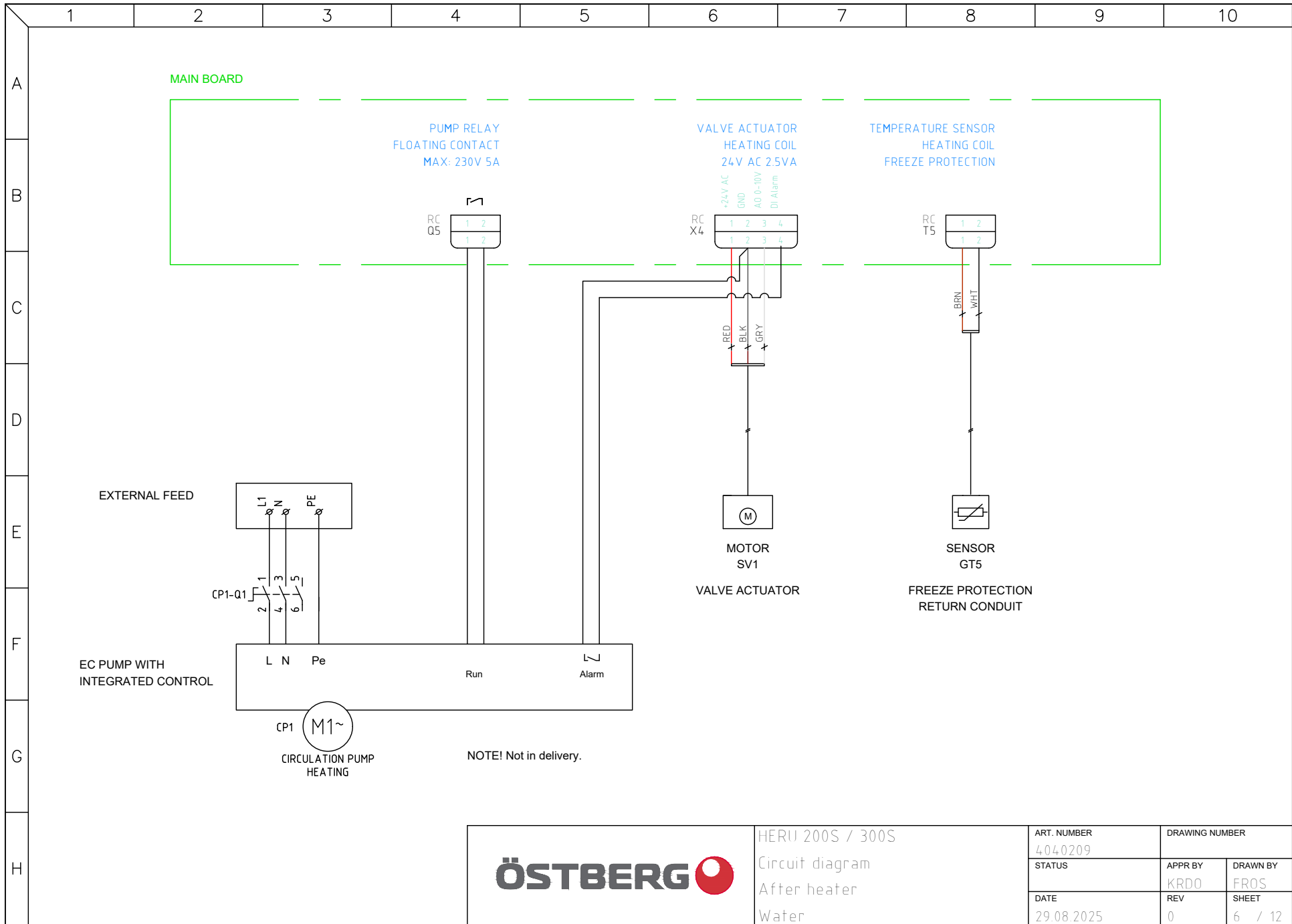



ALT.

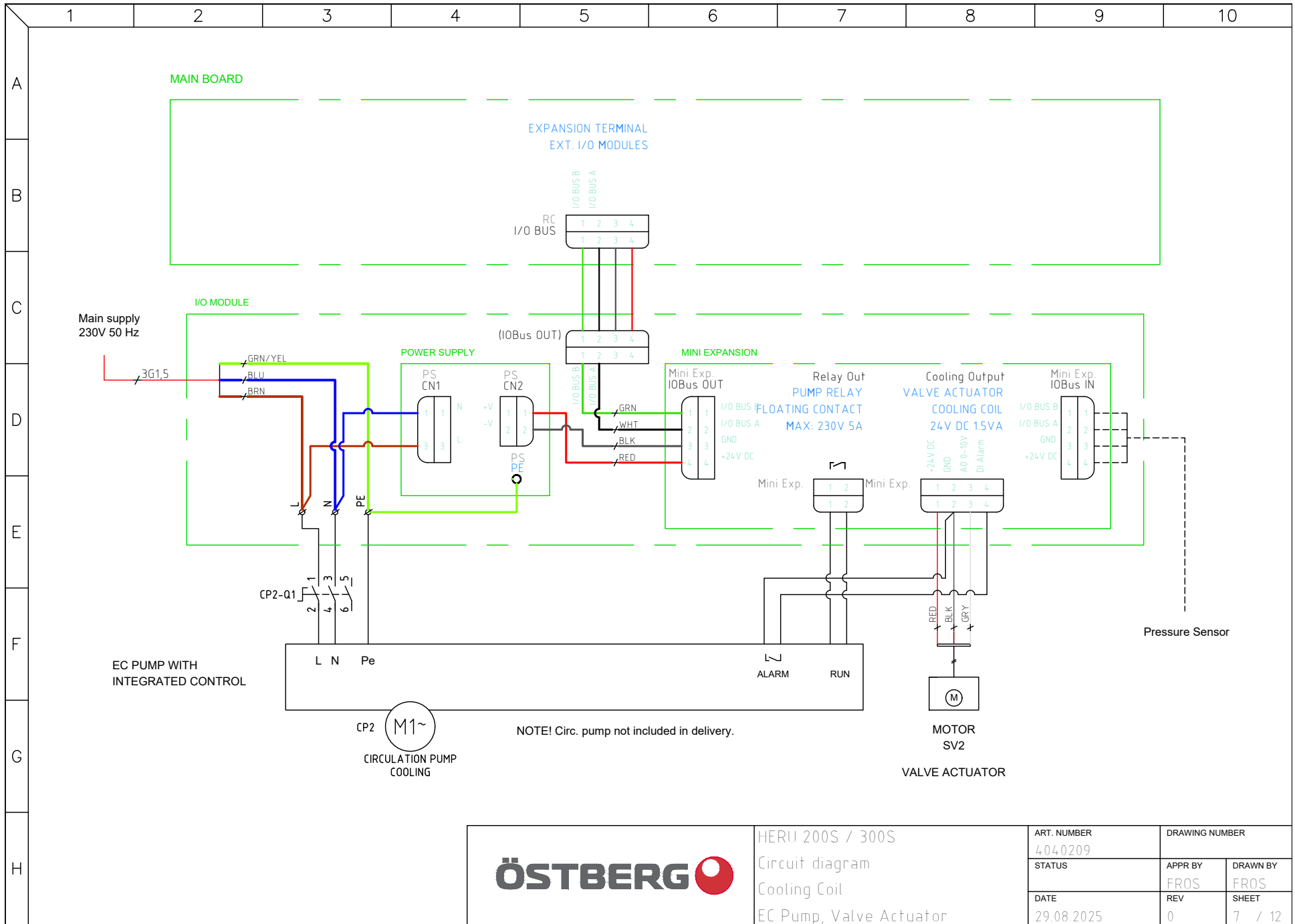


HERU 200S / 300S
Circuit diagram
After heater
Electrical

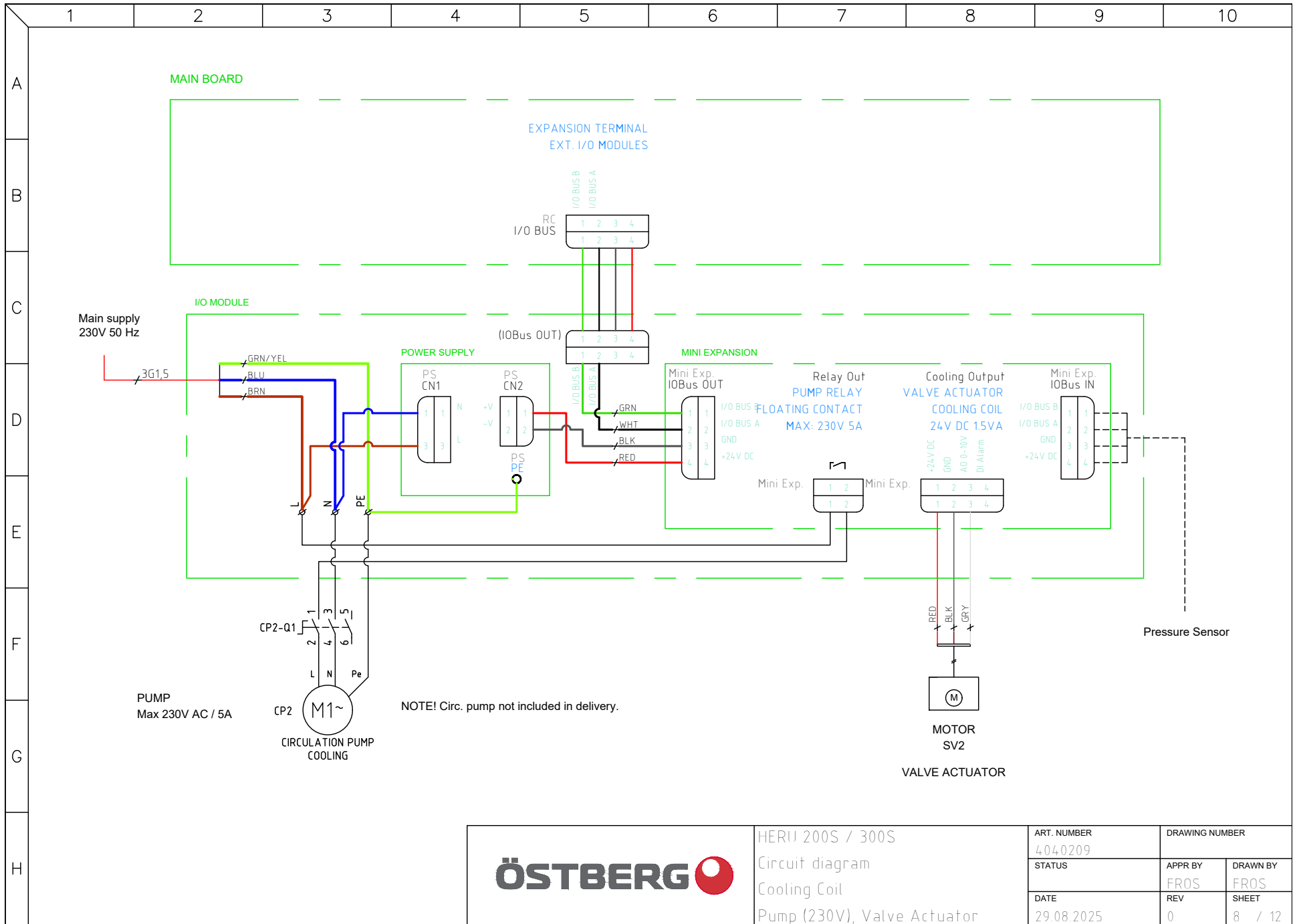
ART. NUMBER 4040209	DRAWING NUMBER	
STATUS	APPR BY KRDO	DRAWN BY FROS
DATE 29.08.2025	REV 0	SHEET 5 / 12



	HERU 200S / 300S		ART. NUMBER		DRAWING NUMBER		
	Circuit diagram		4040209				
	After heater		STATUS		APPR BY		
	Water		KRDO		DRAWN BY		
		DATE		REV		SHEET	
		29.08.2025		0		6 / 12	

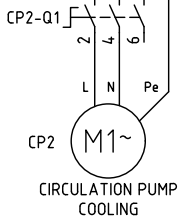


	HERU 200S / 300S		ART. NUMBER		DRAWING NUMBER		
	Circuit diagram		4040209				
	Cooling Coil		STATUS		APPR BY		
	EC Pump, Valve Actuator		REV		DRAWN BY		
		DATE		FROS		FROS	
		29.08.2025		0		7 / 12	



Main supply
230V 50 Hz

PUMP
Max 230V AC / 5A



CP2
CIRCULATION PUMP
COOLING

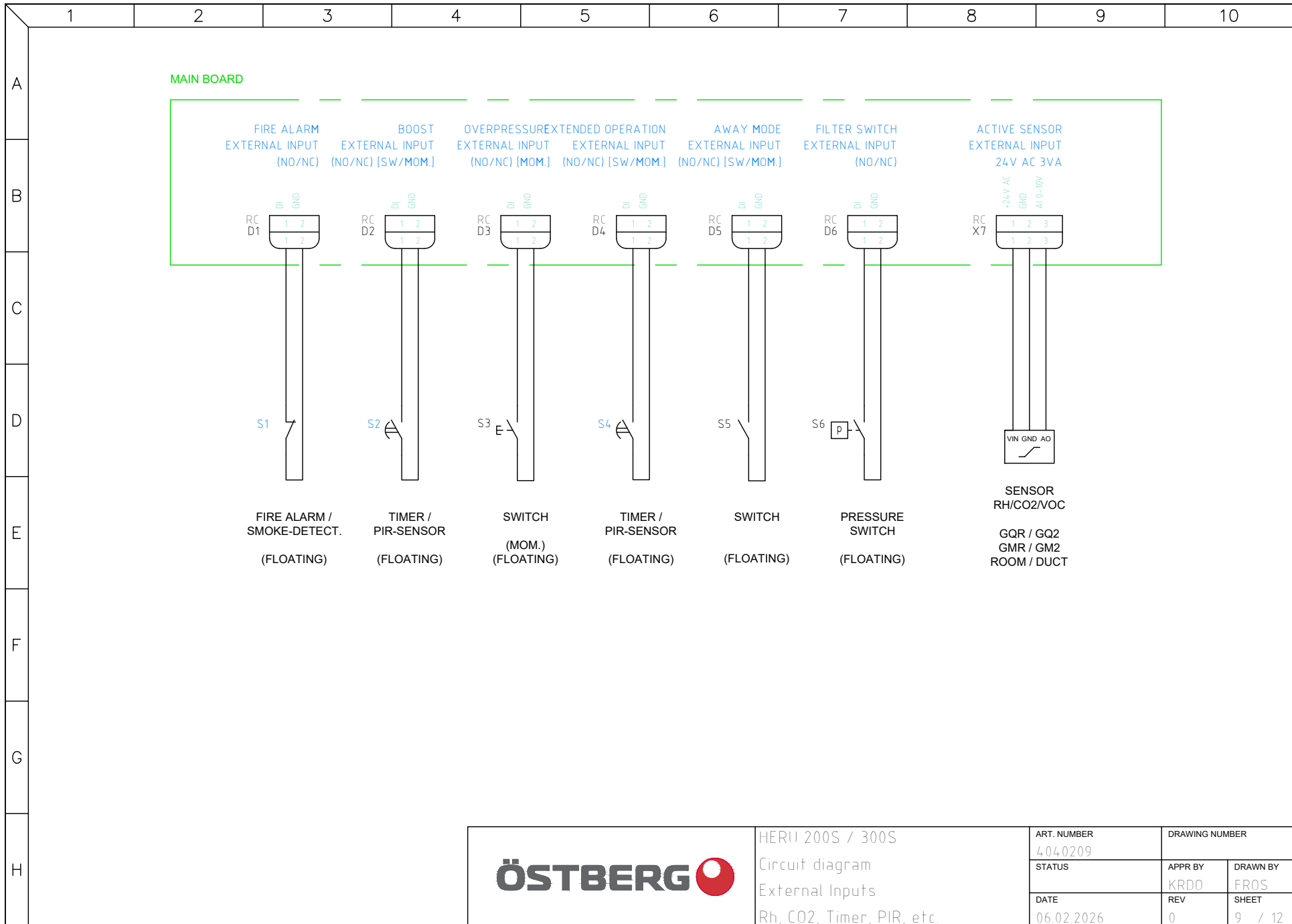
NOTE! Circ. pump not included in delivery.



HERU 200S / 300S
Circuit diagram
Cooling Coil
Pump (230V), Valve Actuator

ART. NUMBER 4040209	DRAWING NUMBER	
STATUS	APPR BY FROS	DRAWN BY FROS
DATE 29.08.2025	REV 0	SHEET 8 / 12

DRAWING NUMBER	
APPR BY FROS	DRAWN BY FROS
REV 0	SHEET 8 / 12



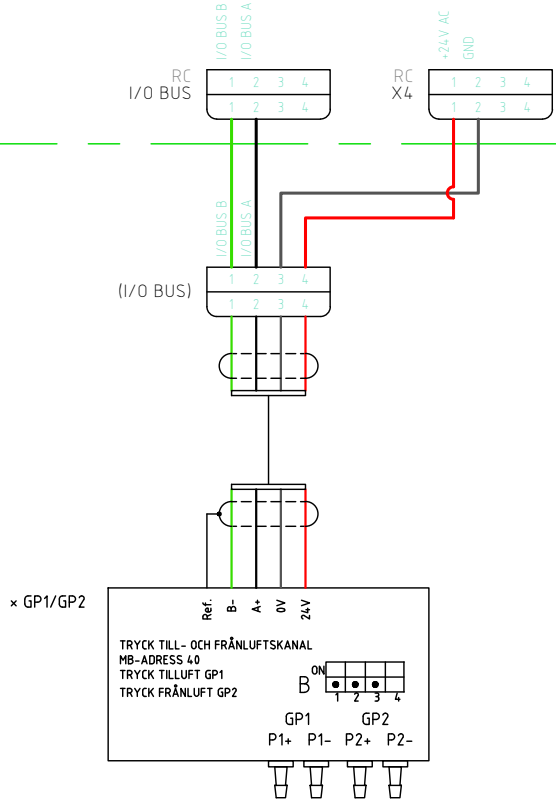
1 2 3 4 5 6 7 8 9 10

A
B
C
D
E
F
G
H

MAIN BOARD

EXPANSION TERMINAL
EXT. I/O MODULES

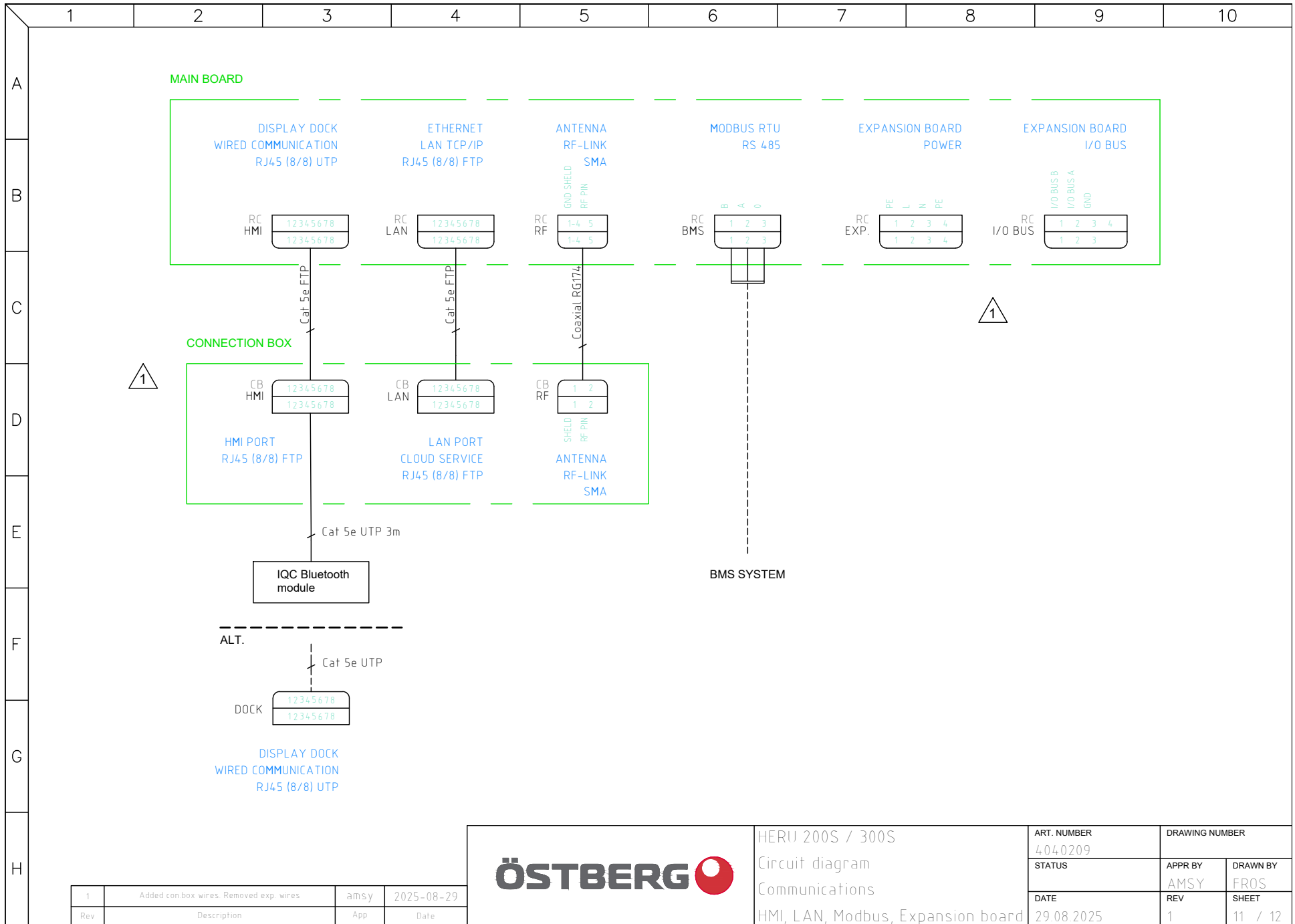
24V AC 2.5VA



HERU 200S / 300S

Circuit diagram
Pressure sensor
CPC Control

ART. NUMBER 4040209	DRAWING NUMBER	
STATUS	APPR BY FROS	DRAWN BY FROS
DATE 06.02.2026	REV 0	SHEET 10 / 12



Rev	Description	App	Date
1	Added con box wires. Removed exp. wires	amsy	2025-08-29



HERU 200S / 300S
 Circuit diagram
 Communications
 HMI, LAN, Modbus, Expansion board

ART. NUMBER		DRAWING NUMBER	
4040209		APPR BY	DRAWN BY
STATUS		AMS Y	FROS
DATE	REV	SHEET	
29.08.2025	1	11 / 12	

	1	2	3	4	5	6	7	8	9	10
A										
B										
C										
D	1									
E										
F										
G										
H										

SH1	IECCMP1	PIN1	WLAY1	SH2	IECCMP2	PIN2
1	MAIN		RQ 2.5mm2-BLK	1	L2X1-1	1
1	PEX2-1	1	UL 1007-AWG 20-GRNYEL	2	M1-X1	1
1	PEX2-1	2	UL 1007-AWG 20-GRNYEL	2	M2-X1	1
1	PEX2-1	3	UL 1007-AWG 20-GRNYEL	3	M3-X1	3
1	MAIN		RQ 2.5mm2-GRNYEL	1	PEX1-1	
1	RC-PE	1	UL 1007-AWG 16-GRNYEL	1	PEX1-2	
1	PEX1-2		UL 1007-AWG 16GRNYEL	1	PEX2-1	5
1	PEX2-1	4	UL 1007-AWG 20-GRNYEL	3	PS-PE	
1	MAIN		RQ 2.5mm2-BLU	1	RC-MSa	1
1	MAIN		RQ 2.5mm2-BRN	1	RC-MSa	2
1	L2X1-1	2	UL 1007-AWG 16-BLK	5	XC305-X4	
1	PEX1-2		UL 1007-AWG 16-GRNYEL	5	HX	2
1	RC-MSb	1	UL 1007-AWG 16-BLU	5	HX	1
2	RC-Q1	1	UL 1007-AWG 20-BRN	2	M1-X1	6
2	RC-Q1	2	UL 1007-AWG 20-BLU	2	M1-X1	5
2	RC-X1	1	UL 1007-AWG 22-YEL	2	M1-X1	8
2	RC-X1	2	UL 1007-AWG 22-WHT	2	M1-X1	3
2	RC-X1	3	UL 1007-AWG 22-BLK	2	M1-X1	4
2	RC-Q2	1	UL 1007-AWG 20-BRN	2	M2-X1	6
2	RC-Q2	2	UL 1007-AWG 20-BLU	2	M2-X1	5
2	RC-X2	1	UL 1007-AWG 22-YEL	2	M2-X1	8
2	RC-X2	2	UL 1007-AWG 22-WHT	2	M2-X1	3
2	RC-X2	3	UL 1007-AWG 22-BLK	2	M2-X1	4
3	RC-MSc	1	UL 1007-AWG 20-BRN	3	PS-CN1	3
3	RC-MSc	2	UL 1007-AWG 20-BLU	3	PS-CN1	1
3	PS-CN2	2	UL 1007-AWG 20-RED	3	M3-X1	4
3	PS-CN2	1	UL 1007-AWG 20-GRY	3	M3-X1	5
3	M3-X1	3	UL 1007-AWG 20-GRNYEL	3	M3-PEX3	
3	RC-X3	3	UL 1007-AWG 22-GRN	3	M3-X1	1
3	RC-X3	4	UL 1007-AWG 22-BLK	3	M3-X1	2
3	RC-DI-2W	1	UL 1007-AWG 22-BRN	3	GR1	1
3	RC-DI-2W	2	UL 1007-AWG 22-WHT	3	GR1	2
4	RC-T1	1	UL 1007-AWG 22-RED	4	GT1	1
4	RC-T1	2	UL 1007-AWG 22-WHT	4	GT1	2
4	RC-T2	1	UL 1007-AWG 22-ORG	4	GT2	1
4	RC-T2	2	UL 1007-AWG 22-WHT	4	GT2	2
4	RC-T3	1	UL 1007-AWG 22-YEL	4	GT3	1
4	RC-T3	2	UL 1007-AWG 22-WHT	4	GT3	2
4	RC-T4	1	UL 1007-AWG 22-GRN	4	GT4	1
4	RC-T4	2	UL 1007-AWG 22-WHT	4	GT4	2
4	RC-T6	1	UL 1007-AWG 22-BRN	4	GT7	
4	RC-T6	2	UL 1007-AWG 22-WHT	4	GT7	
5	HT-TP-M		UL 1007-AWG 16-BRN	5	HT-COIL	
5	HR2	2	UL 1007-AWG 16-GRNYEL	5	HT-HR1	1
5	HR2	3	UL 1007-AWG 16-BRN	5	HT-HR1	4
5	HT-HR1	1	UL 1007-AWG 16-GRNYEL	5	HT-PEX4	
5	HT-COIL		UL 1007-AWG 16-BLU	5	HT-TP-A	

2

SH1	IECCMP1	PIN1	WLAY1	SH2	IECCMP2	PIN2
5	HT-HR1	3	UL 1007-AWG 16-BLU	5	HT-TP-A	
5	HT-HR1	4	UL 1007-AWG 16-BRN	5	HT-TP-M	
5	RC-D7	1	RQ 0.75mm2-BLU	5	RC-D7	2
5	RC-X5	1	UL 1007-AWG 22-RED	5	XC305-X3	1
5	RC-X5	3	UL 1007-AWG 22-YEL	5	XC305-X3	2
5	RC-X5	4	UL 1007-AWG 22-BLK	5	XC305-X3	3
5	RC-X5	6	UL 1007-AWG 22-WHT	5	XC305-X3	4
5	HL2	2	UL 1007-AWG 16-GRNYEL	5	HL1	1
5	HL2	3	UL 1007-AWG 16-BRN	5	HL1	4
5	HL1	3	UL 1007-AWG 16-BLU	5	HL2	1
5	HT-HR1	3	UL 1007-AWG 16-BLU	5	HR2	1
5	XC305-X1		UL 1007-AWG 16-BRN	5	HX	3
11	RC-HMI	-	Cat 5e FTP	11	CB-HMI	-
11	CB-HMI	-	Cat 5e UTP	11	QC BT-Module	-
11	RC-LAN	-	Cat 5e FTP	11	CB-LAN	-
11	RC-RF	-	Coaxial RG174	11	CB-RF	-

2	Added con.box wires. Removed exp. wires	amsy	2025-08-29
1	PS-CN1 rewired to RC-MSc	krdo	2021-02-25
Rev	Description	App	Date



HERU 200S / 300S
Circuit diagram
Wire Run List

ART. NUMBER 4040209	DRAWING NUMBER	
STATUS	APPR BY AMSY	DRAWN BY FROS
DATE 29.08.2025	REV 2	SHEET 12 / 12