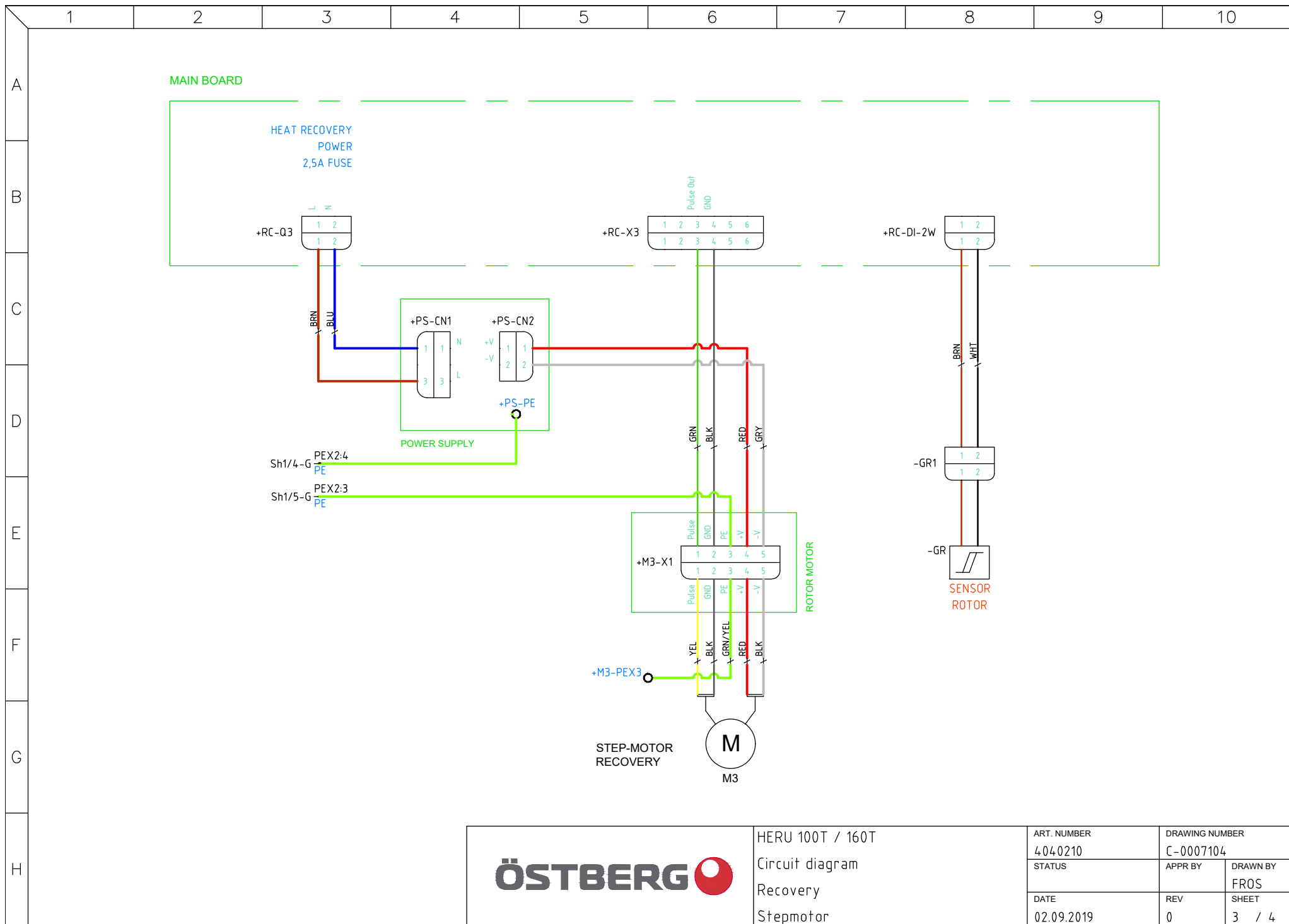


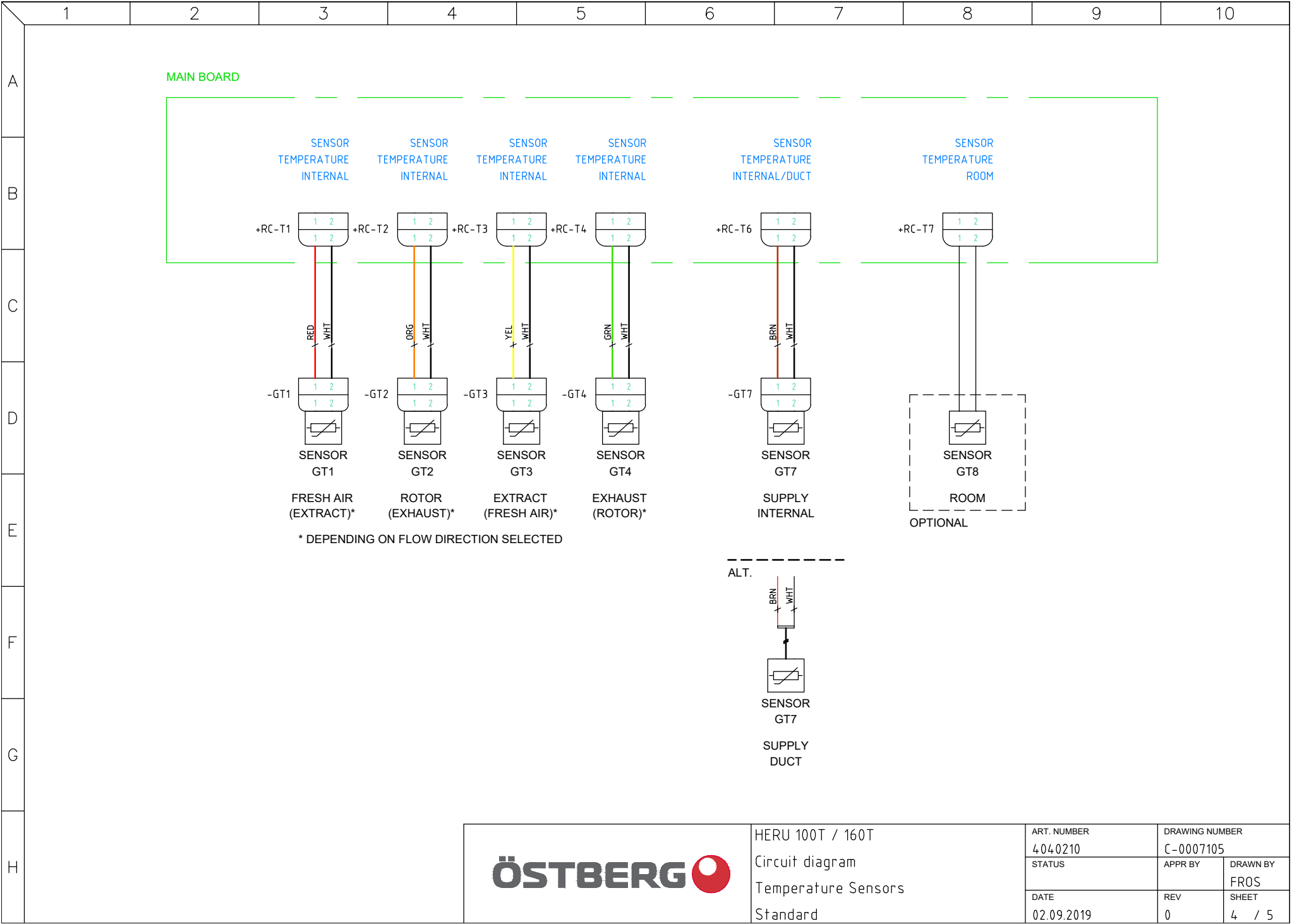
**ÖSTBERG**

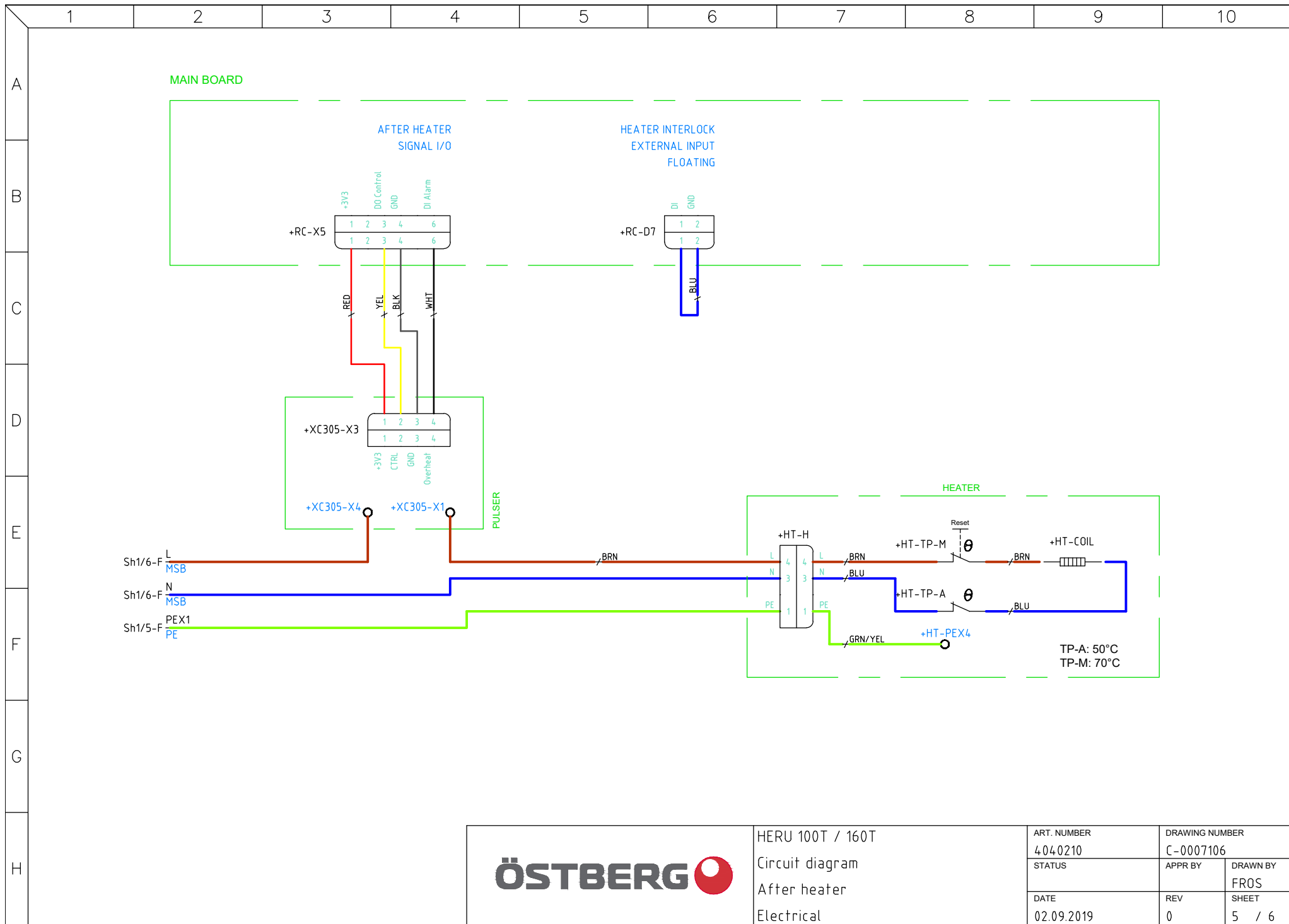
HERU 100T / 160T  
Circuit diagram  
Fans, Dampers  
Supply, Exhaust

ART. NUMBER  
404.0210  
STATUS  
DATE  
02.09.2019

DRAWING NUMBER  
C-0007103  
APPR BY  
REV  
0  
DRAWN BY  
FROS  
SHEET  
2 / 3

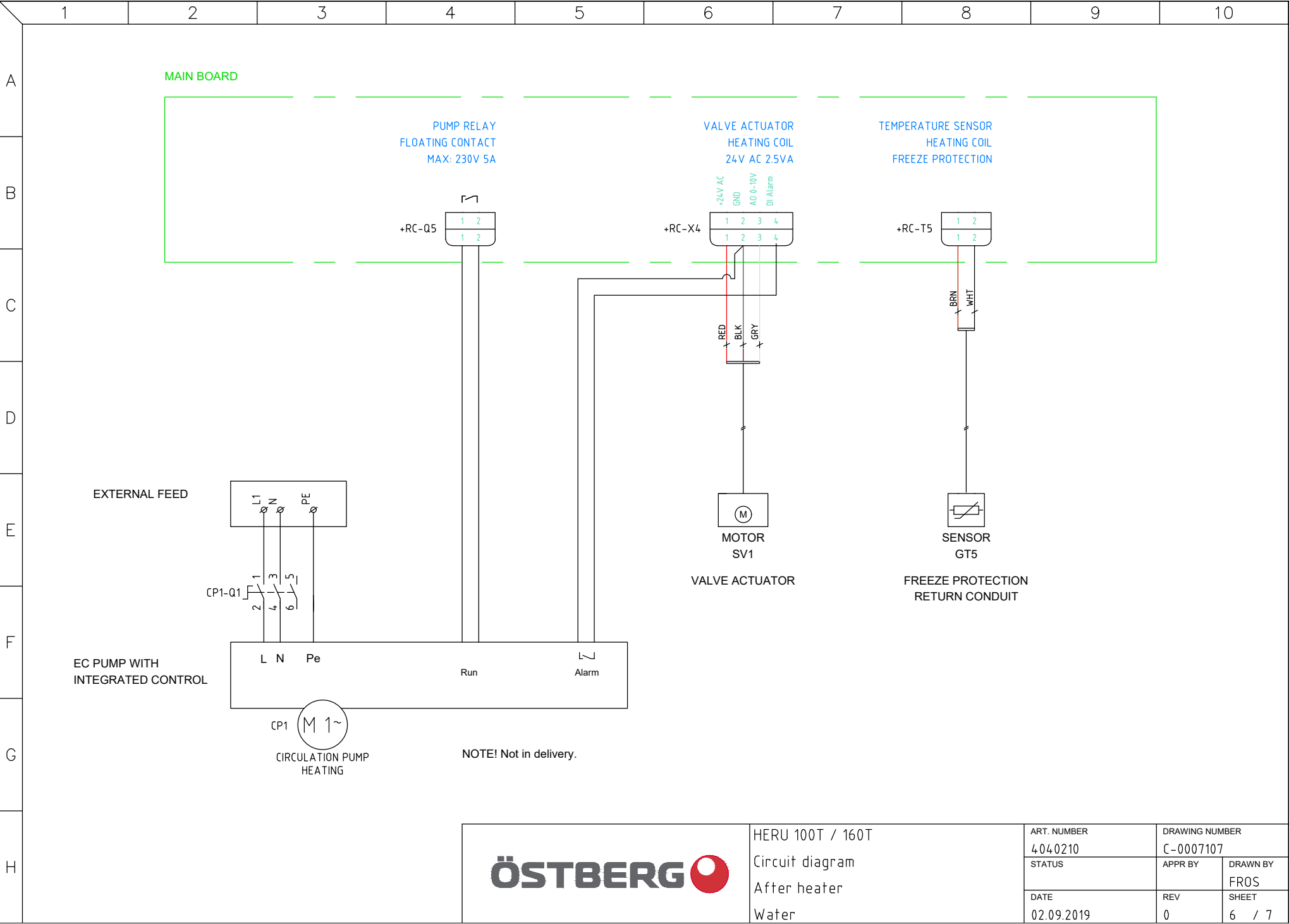


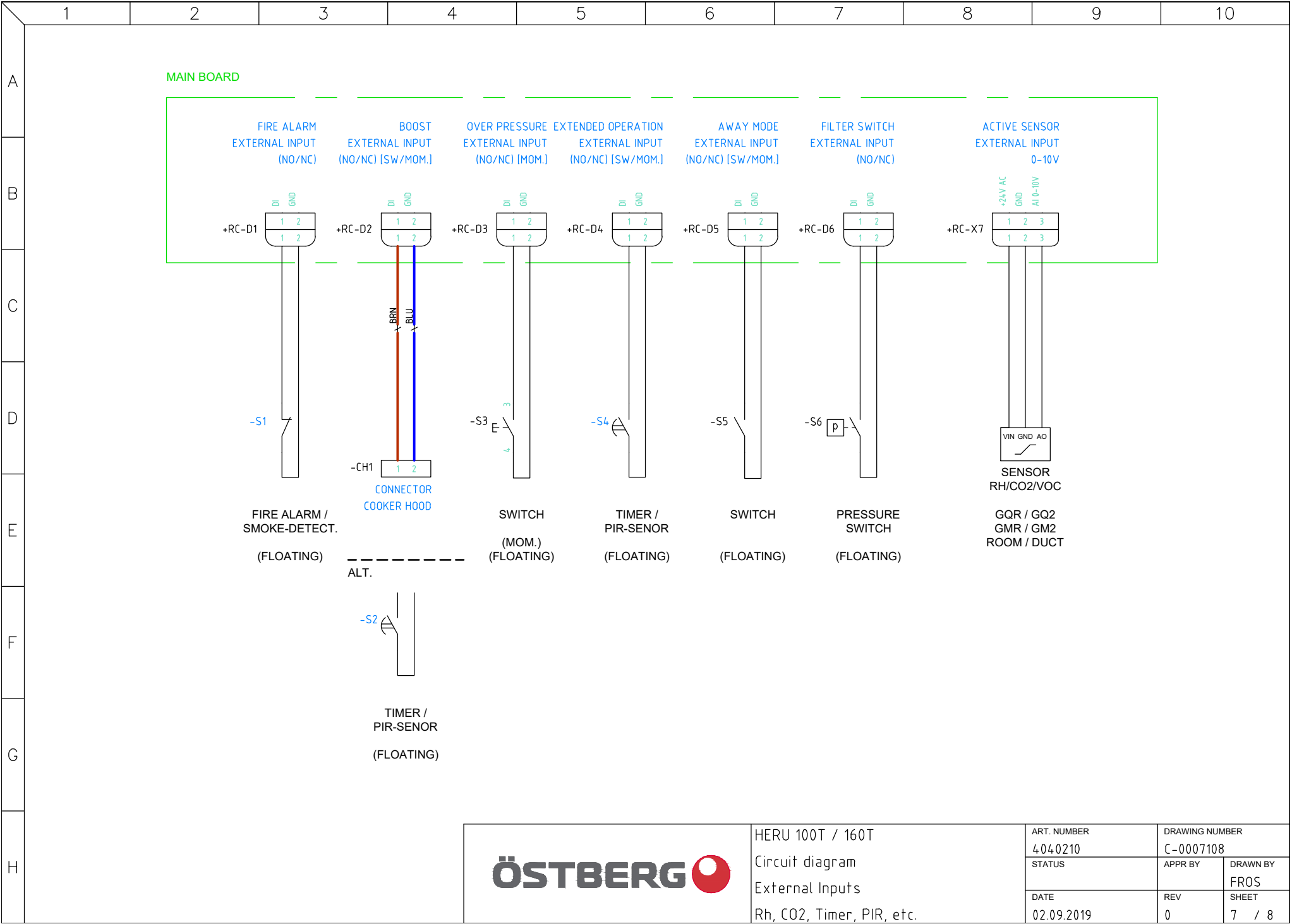


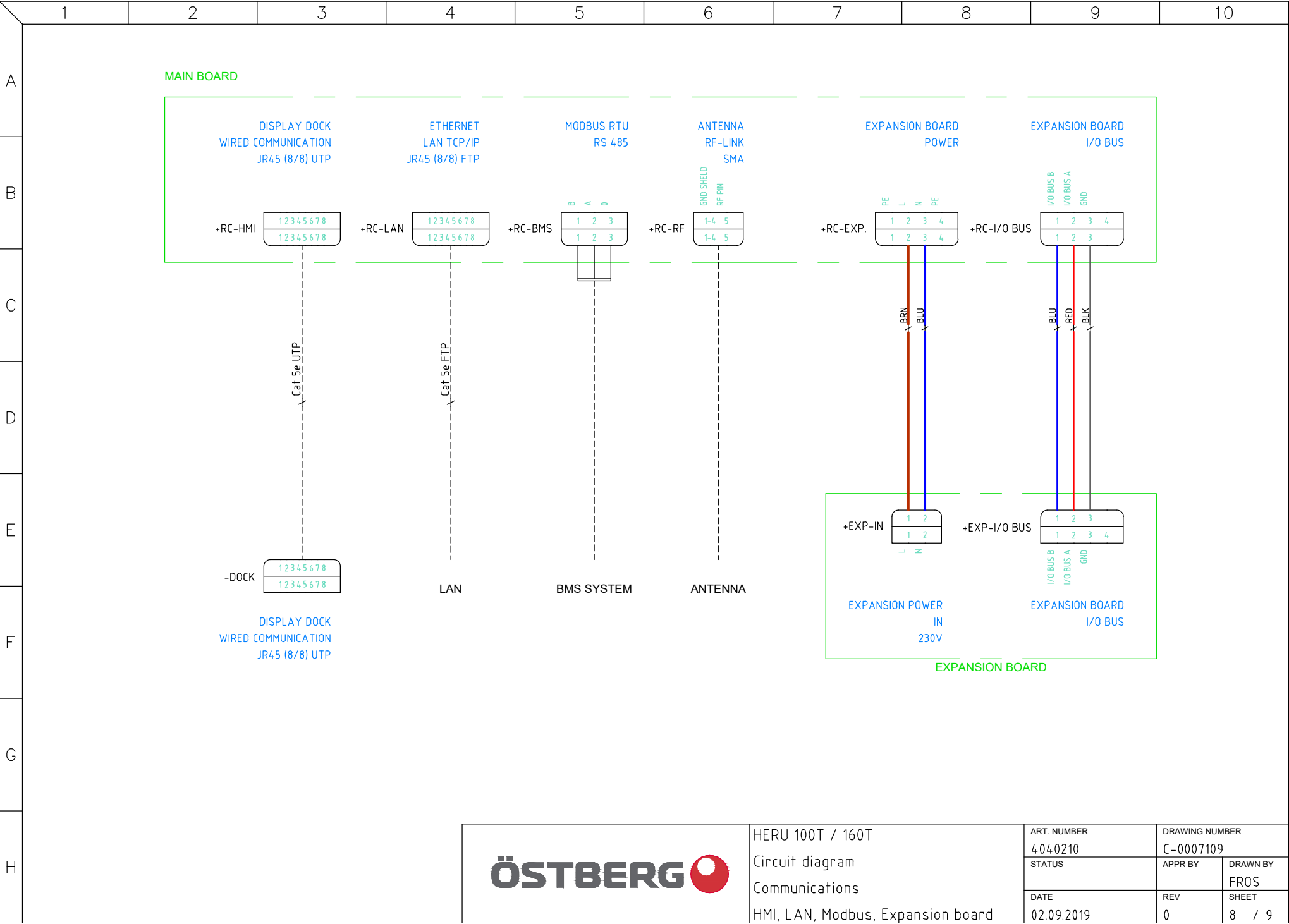


HERU 100T / 160T  
Circuit diagram  
After heater  
Electrical

ART. NUMBER 404.0210	DRAWING NUMBER C-0007106	
STATUS	APPR BY	DRAWN BY FROS
DATE 02.09.2019	REV 0	SHEET 5 / 6







**EXPANSION BOARD**



HERU 100T / 160T

Circuit diagram

Communications

HMI, LAN, Modbus, Expansion board

ART. NUMBER	DRAWING NUMBER	
4040210	C-0007109	
STATUS	APPR BY	DRAWN BY
		FRÖS
DATE	REV	SHEET
02.09.2019	0	8 / 9



1

2

3

4

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7

8

9

10

A

B

C

D

E


F

G

H

SH1	IECCMP1	PIN1	WLAY1	SH2	IECCMP2	PIN2
1	+PEX1-2		RQ 1.5mm2-GRNYEL	5	+HT-H	1
1	+RC-MSb	1	RQ 1.5mm2-BLU	5	+HT-H	3
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	PLUG		RQ 1.5mm2-GRNYEL	1	+PEX1-1	
1	+RC-PE	1	RQ 1.5mm2-GRNYEL	1	+PEX1-2	
1	+PEX1-2		RQ 1.5mm2-GRNYEL	1	+PEX2-1	5
1	+PEX2-1	4	UL 1007-AWG 20-GRNYEL	3	+PS-PE	
1	PLUG		RQ 1.5mm2-BLU	1	+RC-MSa	1
1	PLUG		RQ 1.5mm2-BRN	1	+RC-MSa	2
1	+RC-MSb	2	RQ 1.5mm2-BRN	5	+XC305-X4	
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	+M3-X1	3	UL 1007-AWG 20-GRNYEL	3	+M3-PEX3	
3	+PS-CN2	1	UL 1007-AWG 20-RED	3	+M3-X1	4
3	+PS-CN2	2	UL 1007-AWG 20-GRY	3	+M3-X1	5
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	1
4	+RC-T6	2	UL 1007-AWG 22-WHT	4	-GT7	2
5	+HT-TP-M		RQ 1.5mm2-BRN	5	+HT-COIL	
5	+XC305-X1		RQ 1.5mm2-BRN	5	+HT-H	4
5	+HT-H	1	RQ 1.5mm2-GRNYEL	5	+HT-PEX4	
5	+HT-COIL		RQ 1.5mm2-BLU	5	+HT-TP-A	
5	+HT-H	3	RQ 1.5mm2-BLU	5	+HT-TP-A	
5	+HT-H	4	RQ 1.5mm2-BRN	5	+HT-TP-M	

SH1	IECCMP1	PIN1	WLAY1	SH2	IECCMP2	PIN2
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
7	+RC-D2	1	RQ 0.75mm2-BRN	7	-CH1	1
7	+RC-D2	2	RQ 0.75mm2-BLU	7	-CH1	2
8	+RC-I/O BUS	1	UL 1007-AWG 22-BLU	8	+EXP-I/O BUS	1
8	+RC-I/O BUS	2	UL 1007-AWG 22-RED	8	+EXP-I/O BUS	2
8	+RC-I/O BUS	3	UL 1007-AWG 22-BLK	8	+EXP-I/O BUS	3
8	+RC-EXP.	2	RQ 1.5mm2-BRN	8	+EXP-IN	1
8	+RC-EXP.	3	RQ 1.5mm2-BLU	8	+EXP-IN	2



HERU 100T / 160T  
Circuit diagram  
Report  
Wire table

ART. NUMBER	DRAWING NUMBER	
4040210	C-0007110	
STATUS	APPR BY	DRAWN BY
		FROS
DATE	REV	SHEET
02.09.2019	0	9 /