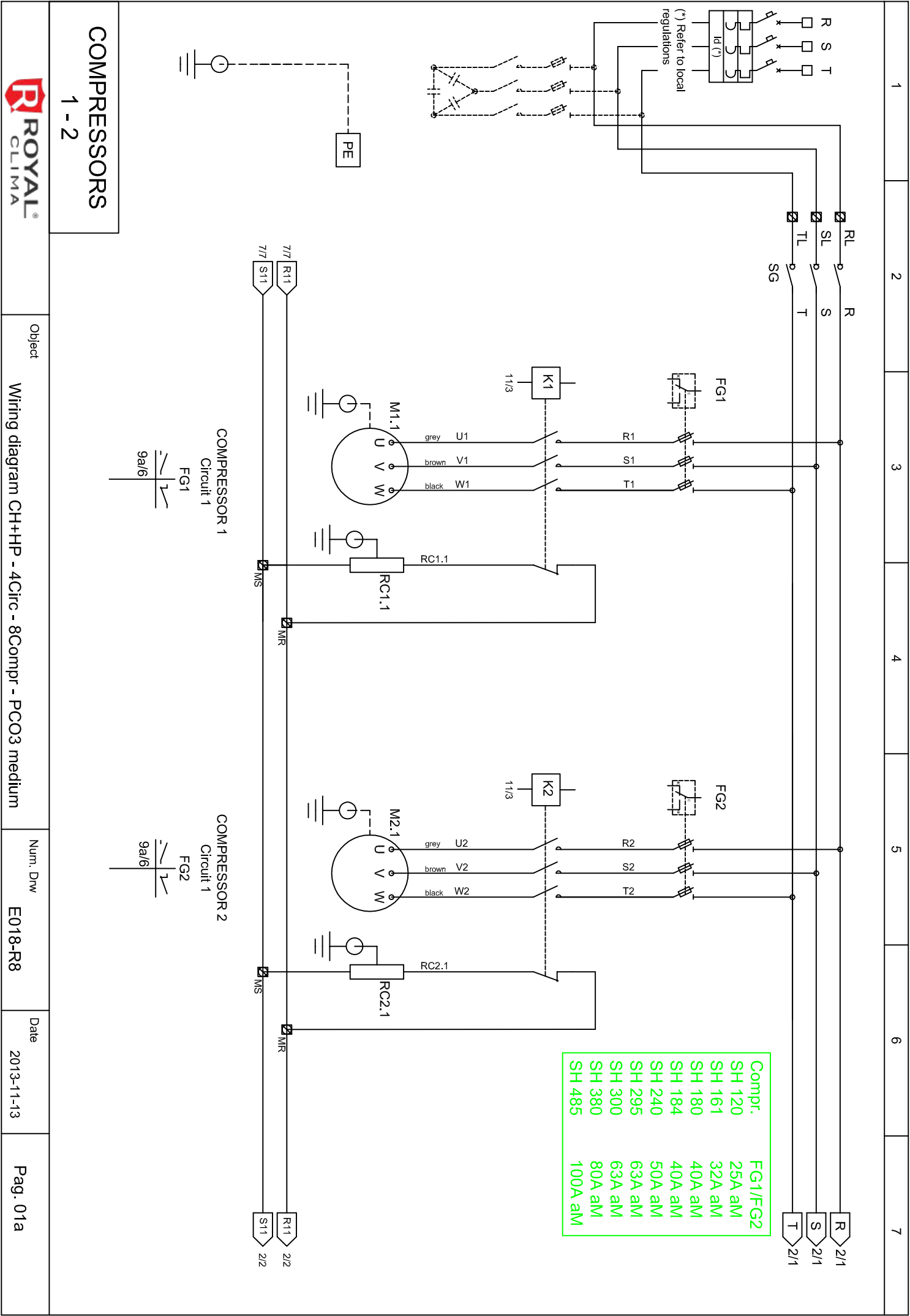




COMPRESSORS

1 - 2



Object

Wiring diagram CH+HP - 4Circ - 8Compr - PCO3 medium

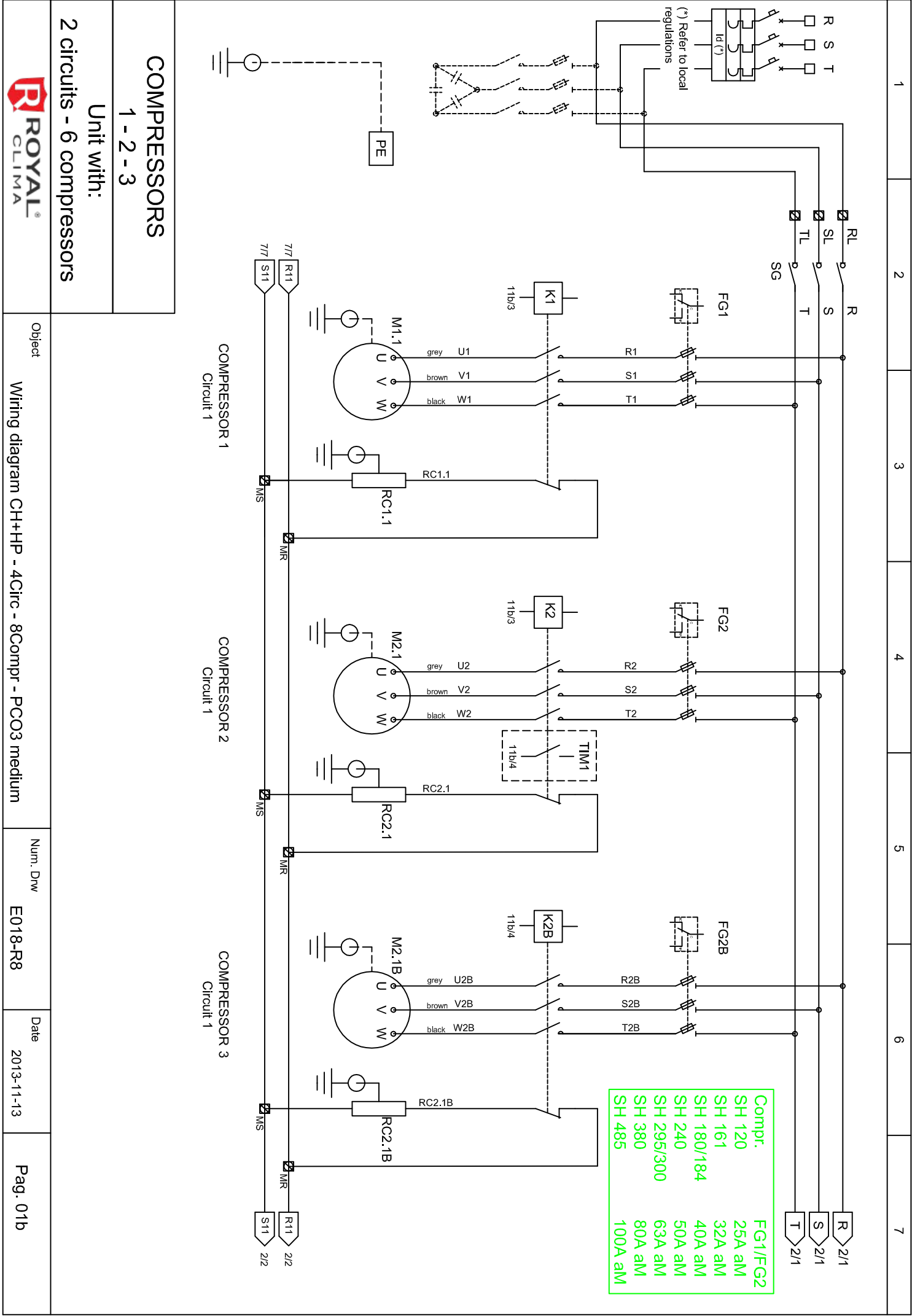
Núm. Dwg

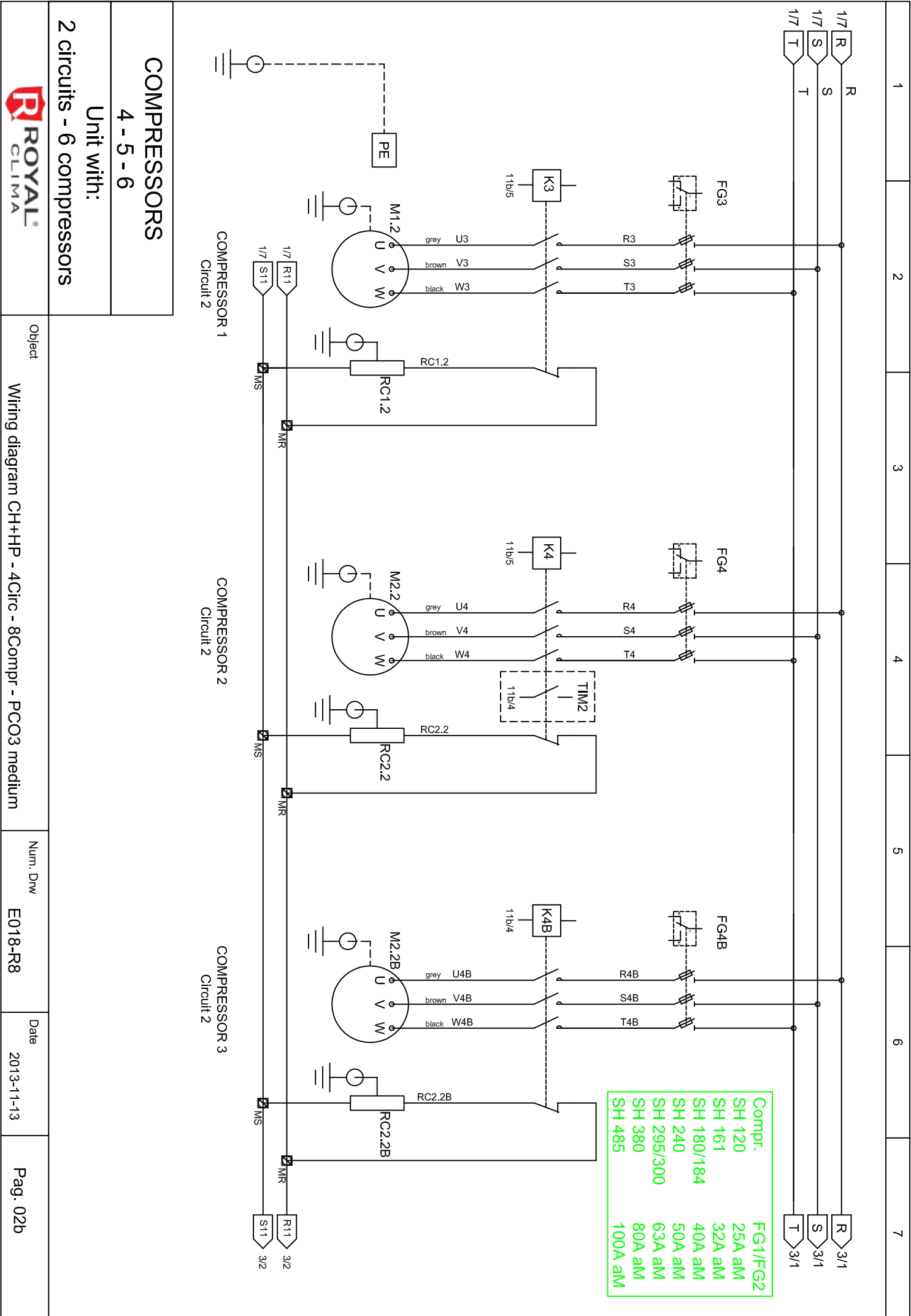
E018-R8

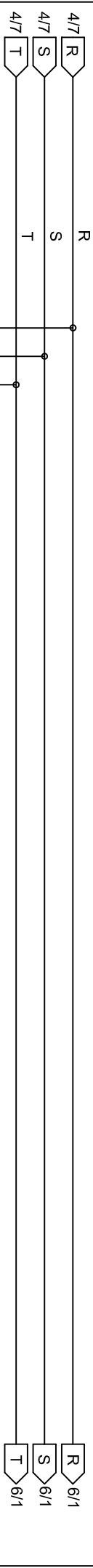
Date

2013-11-13

Pag. 01a



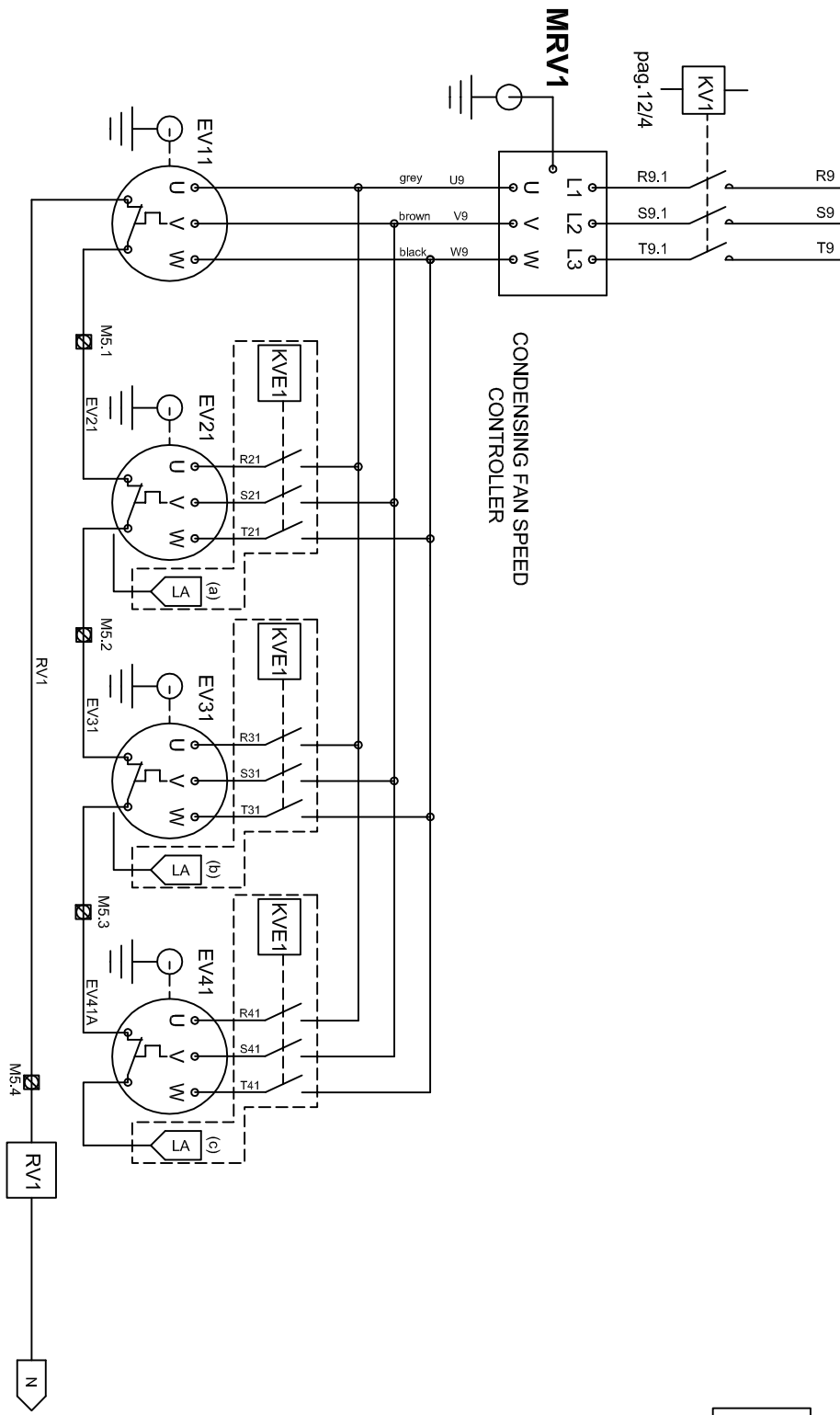




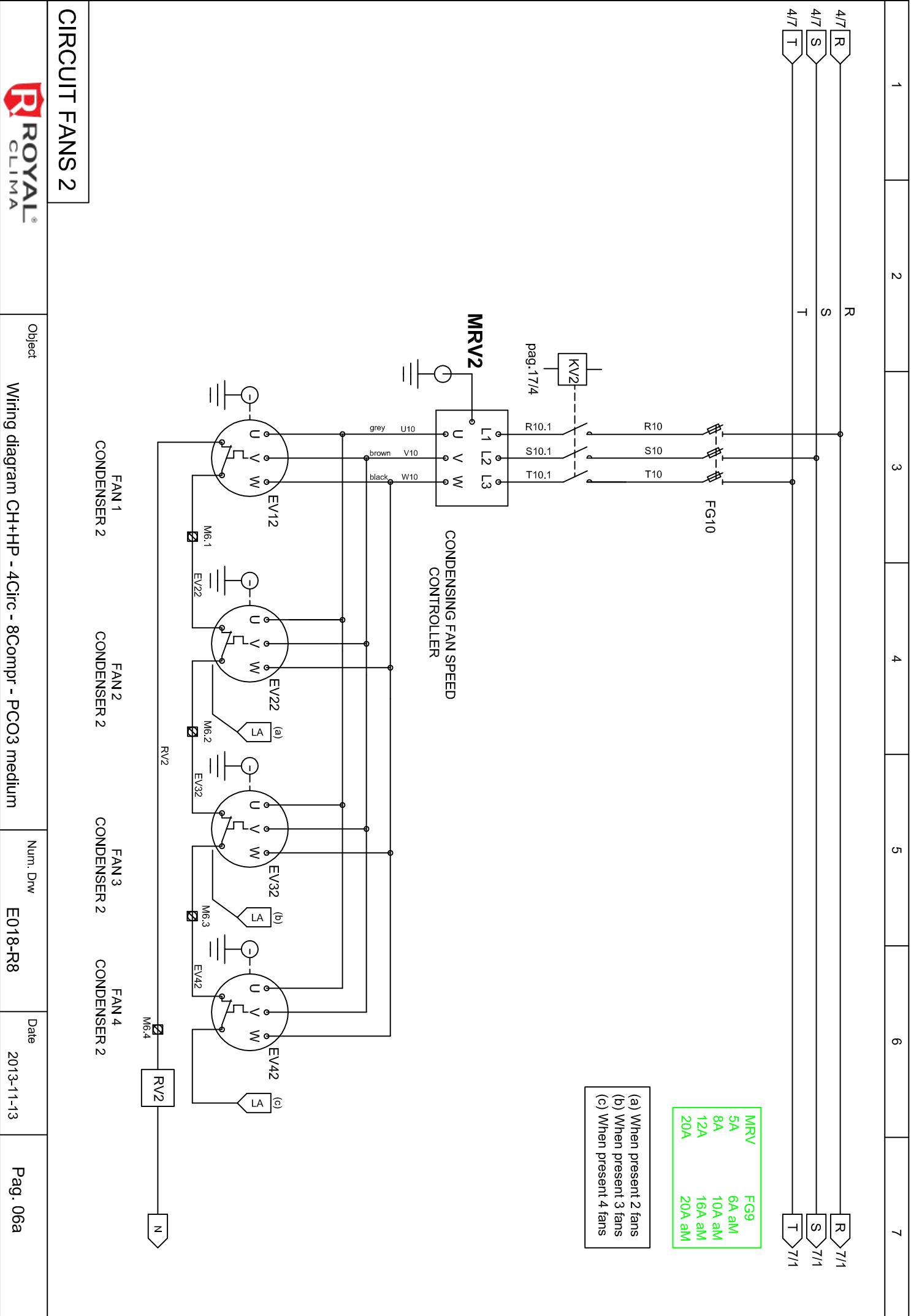
LOW OUTDOOR TEMPERATURE VERSION

MRV	FG9
5A	6A aM
8A	10A aM
12A	16A aM
20A	20A aM

- (a) When present 2 fans
- (b) When present 3 fans
- (c) When present 4 fans



CIRCUIT FANS 1



(a)

(b)

(c)

FAN 1

CONDENSER 2

FAN 2

CONDENSER 2

FAN 3

CONDENSER 2

FAN 4

CONDENSER 2

EV12

EV22

EV32

EV42

M6.1

M6.2

M6.3

M6.4

RV2

N

MRV

FG9

5A

6A aM

8A

10A aM

12A

16A aM

20A

20A aM

(a) When present 2 fans

(b) When present 3 fans

(c) When present 4 fans

CIRCUIT FANS 2

Object

Wiring diagram CH+HP - 4Circ - 8CCompr - PCO3 medium

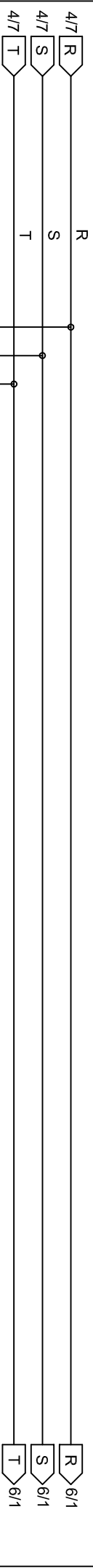
Num. Drw

E018-R8

Date

2013-11-13

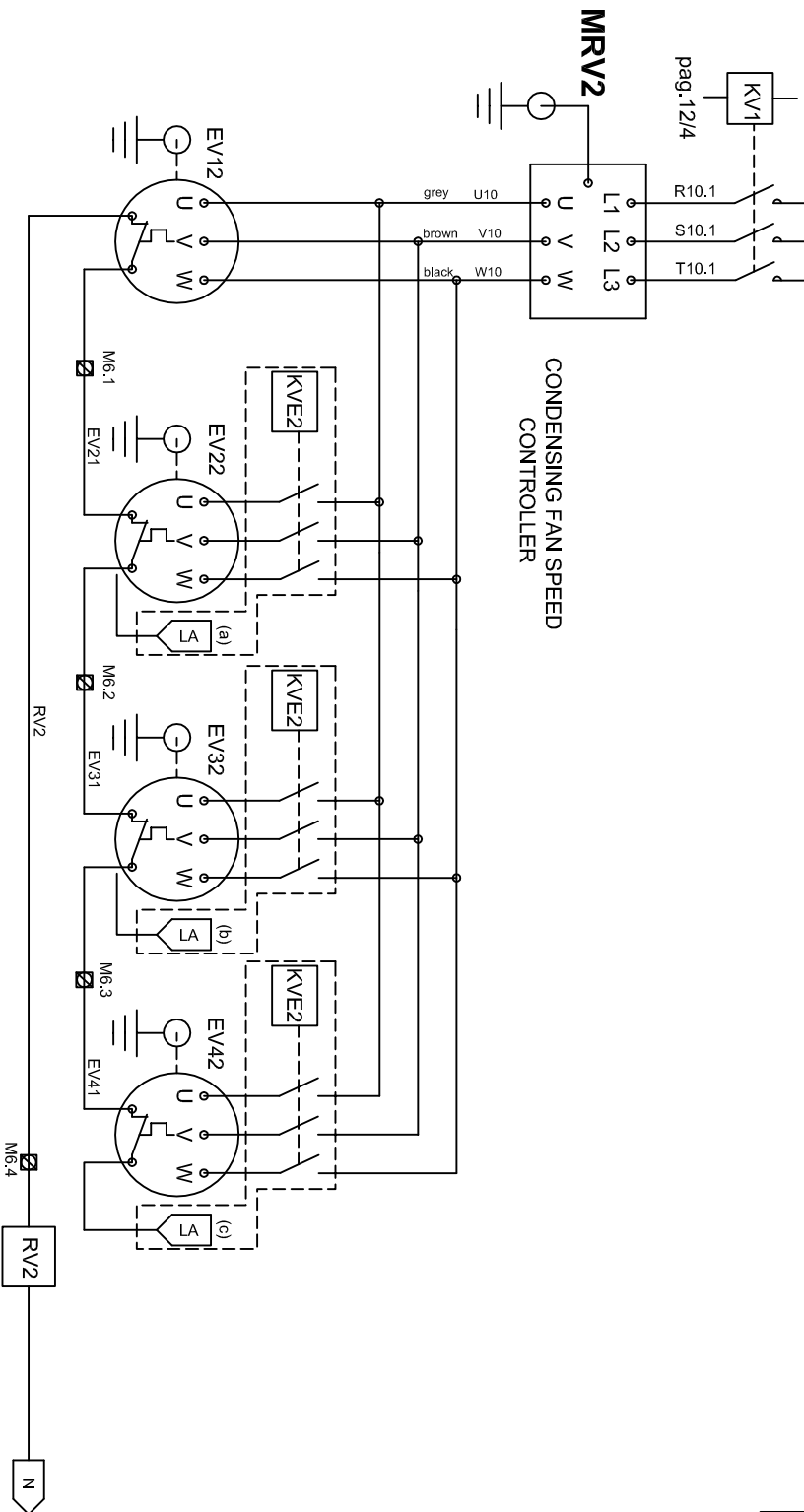
Pag. 06a



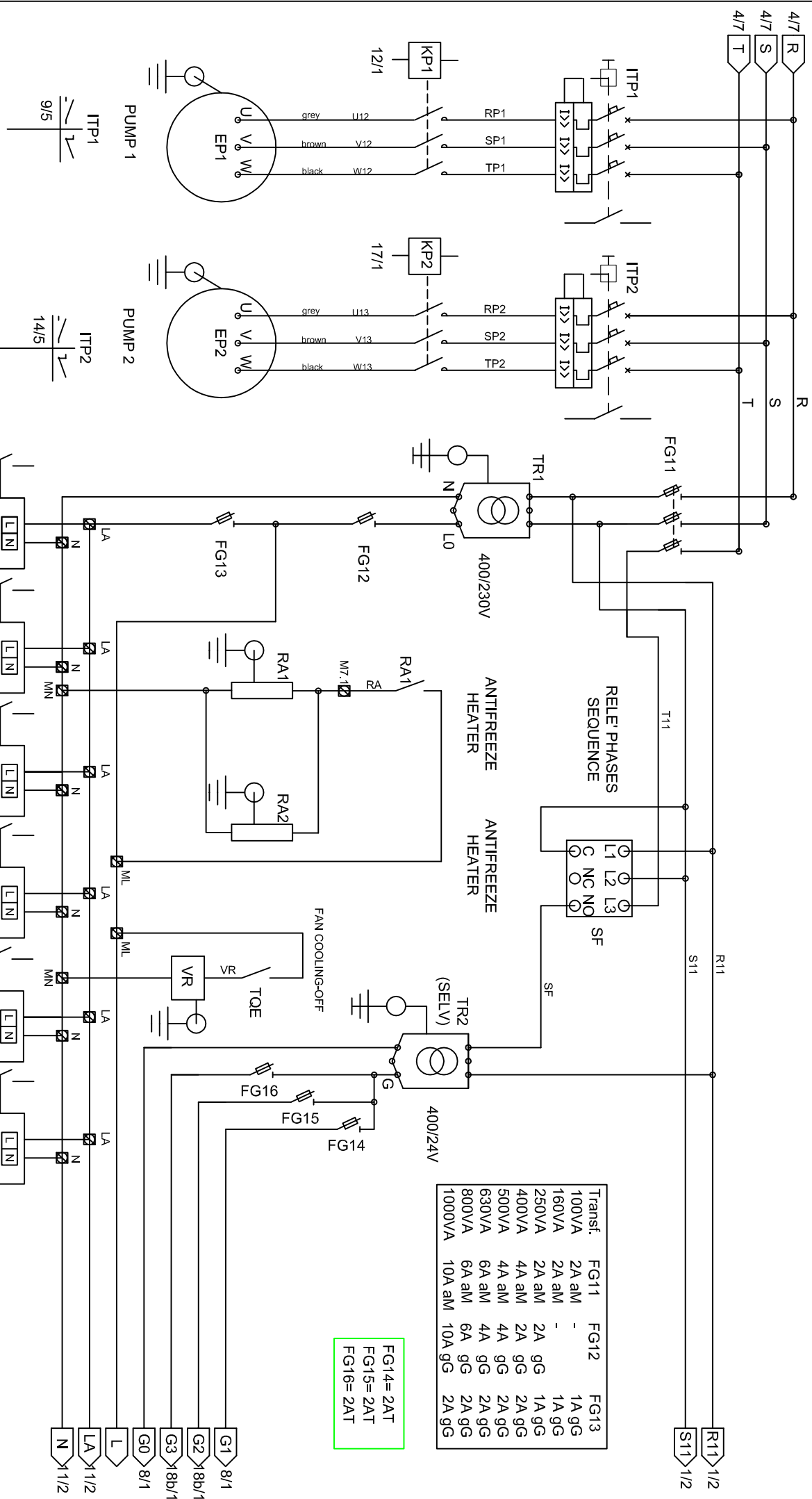
LOW OUTDOOR TEMPERATURE VERSION

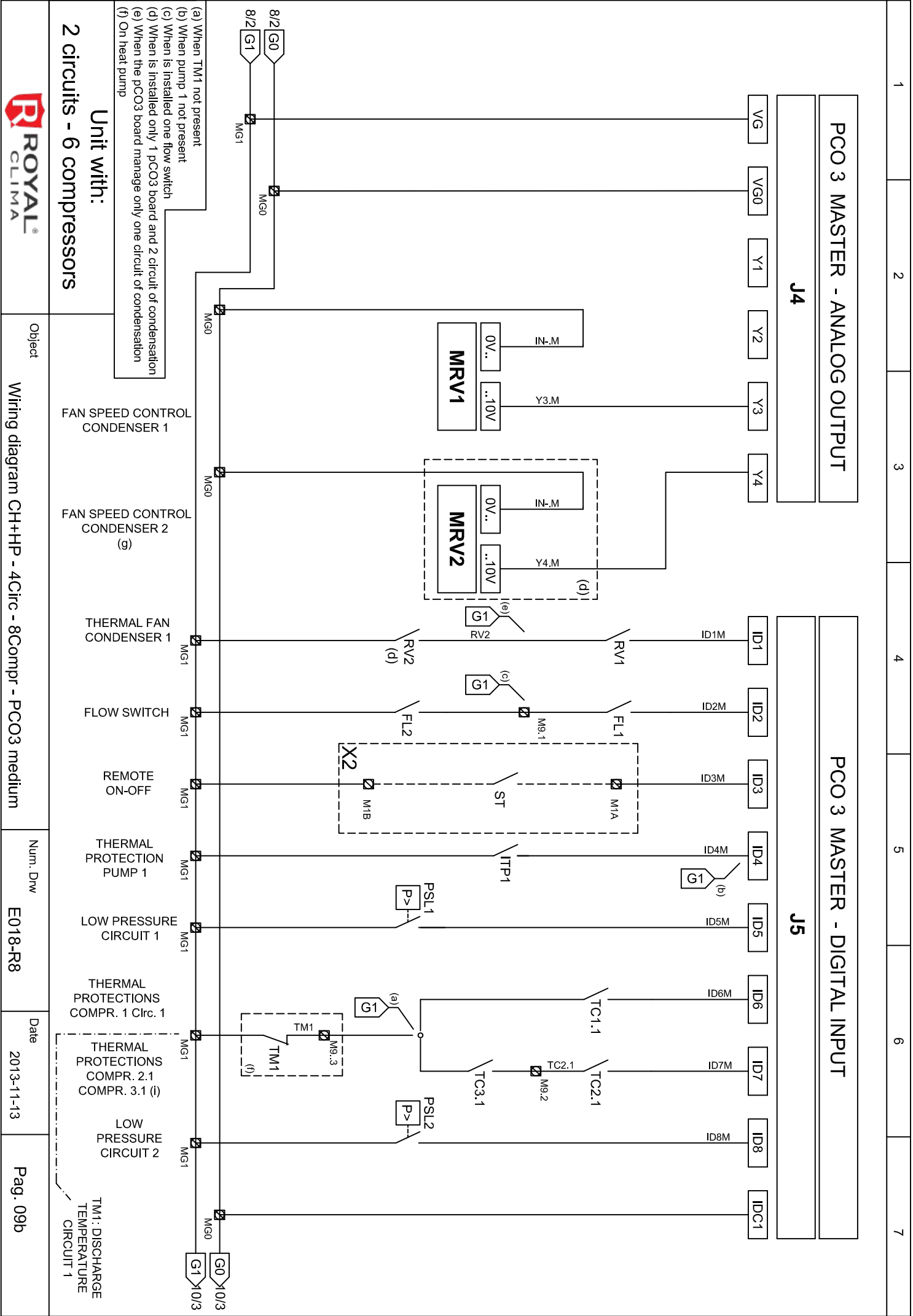
MRV	FG10
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8A	10A aM
12A	16A aM
20A	20A aM

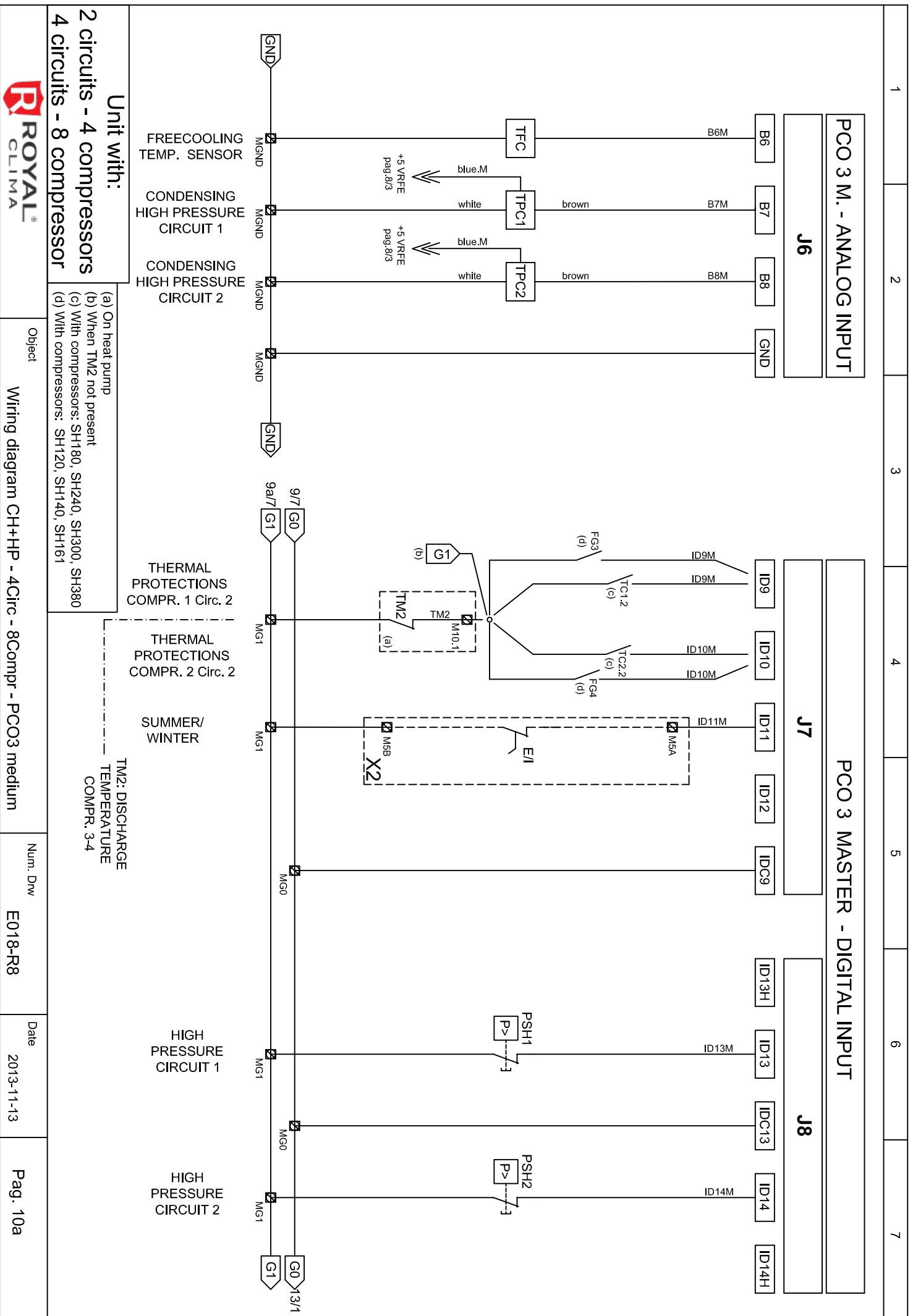
- (a) When present 2 fans
- (b) When present 3 fans
- (c) When present 4 fans



CIRCUIT FANS 2



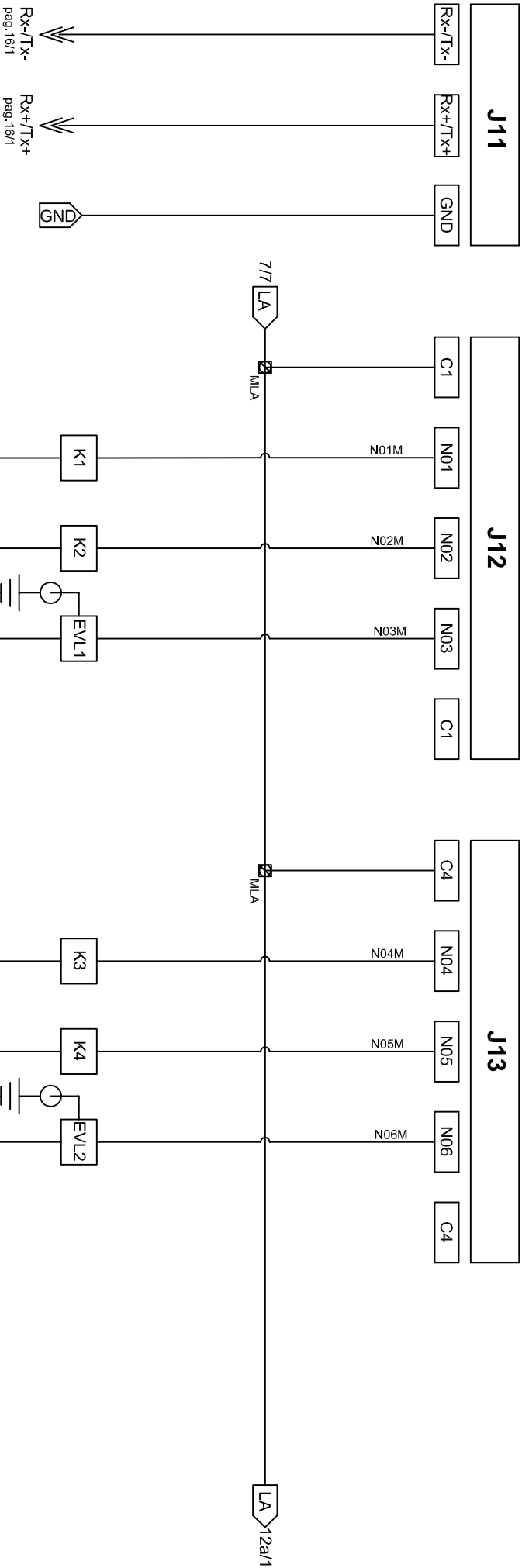




1	2	3	4	5	6	7
PCO 3 M. - ANALOG INPUT J6 B6 B7 B8 GND B6M B7M B8M TFC TPC1 TPC2 blue.M white blue.M white +5 VRFE pag.8/3 +5 VRFE pag.8/3 FREECOOLING TEMP. SENSOR CONDENSING HIGH PRESSURE CIRCUIT 1 CONDENSING HIGH PRESSURE CIRCUIT 2 GND MGND MGND MGND MGND GND			PCO 3 MASTER - DIGITAL INPUT J7 ID9 ID10 ID11 ID12 IDC9 ID13H ID13 IDC13 ID14 ID14H ID9M ID10M ID11M ID13M ID14M TC1.2 TC2.2 TC3.2 TC1.2 TC2.2 TM2 M10.1 M10.2 M5A M5B X2 E/I 9/7 G0 9b/7 G1 THERMAL PROTECTIONS COMPR. 1.2 THERMAL PROTECTIONS COMPR. 2.2 COMPR. 3.2 (e) SUMMER/WINTER TM2: DISCHARGE TEMPERATURE COMPR. 3-4 MG1 MG0 MG1 MG0 MG1 MG0 MG1 G0 G1 11b/6 11b/7 RPH1 RPH2 HIGH PRESSURE CIRCUIT 1 HIGH PRESSURE CIRCUIT 2			
Unit with: 2 circuits - 6 compressors Object: (a) On heat pump (b) When TM2 not present Wiring diagram CH+HP - 4Circ - 8Compr - PCO3 medium Num. Dnw: E018-R8 Date: 2013-11-13 Pag. 10b						

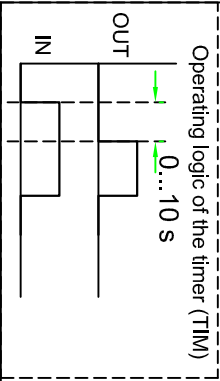
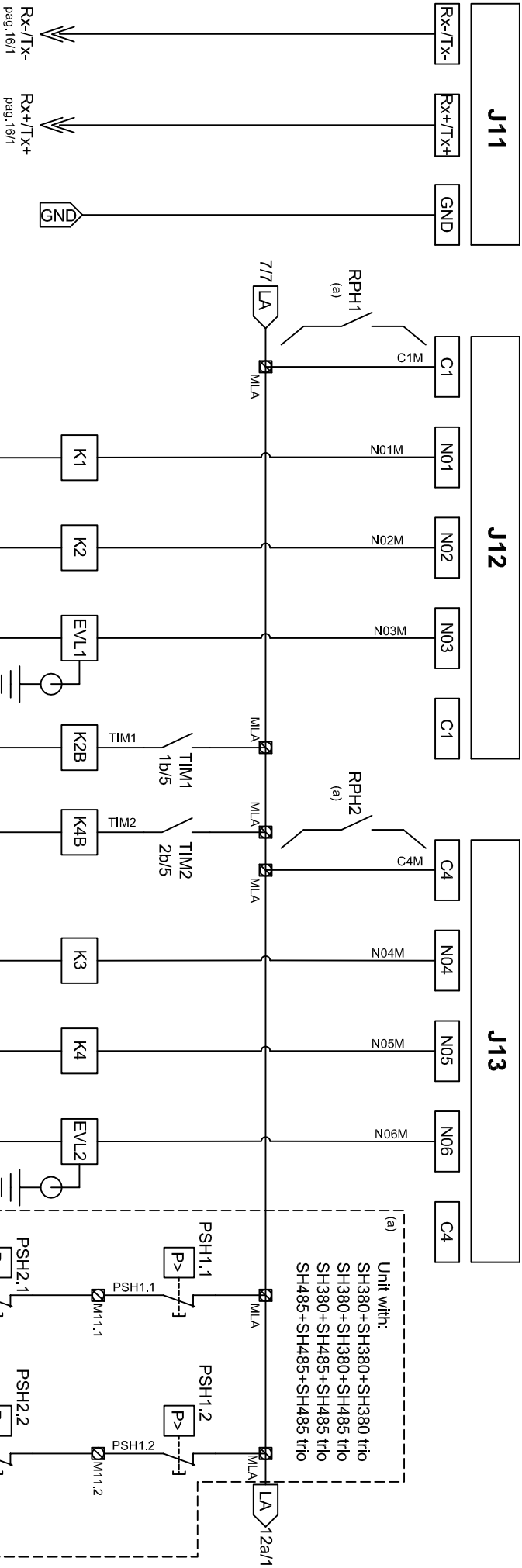
1	2	3	4	5	6	7
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PCO 3 MASTER - DIGITAL OUTPUT



R ROYAL CLIMA	Object	Num. .Dw	Date	Pag. 11a
	Wiring diagram CH+HP - 4Circ - 8Compr - PCO3 medium	E018-R8	2013-11-13	

PCO 3 MASTER - DIGITAL OUTPUT



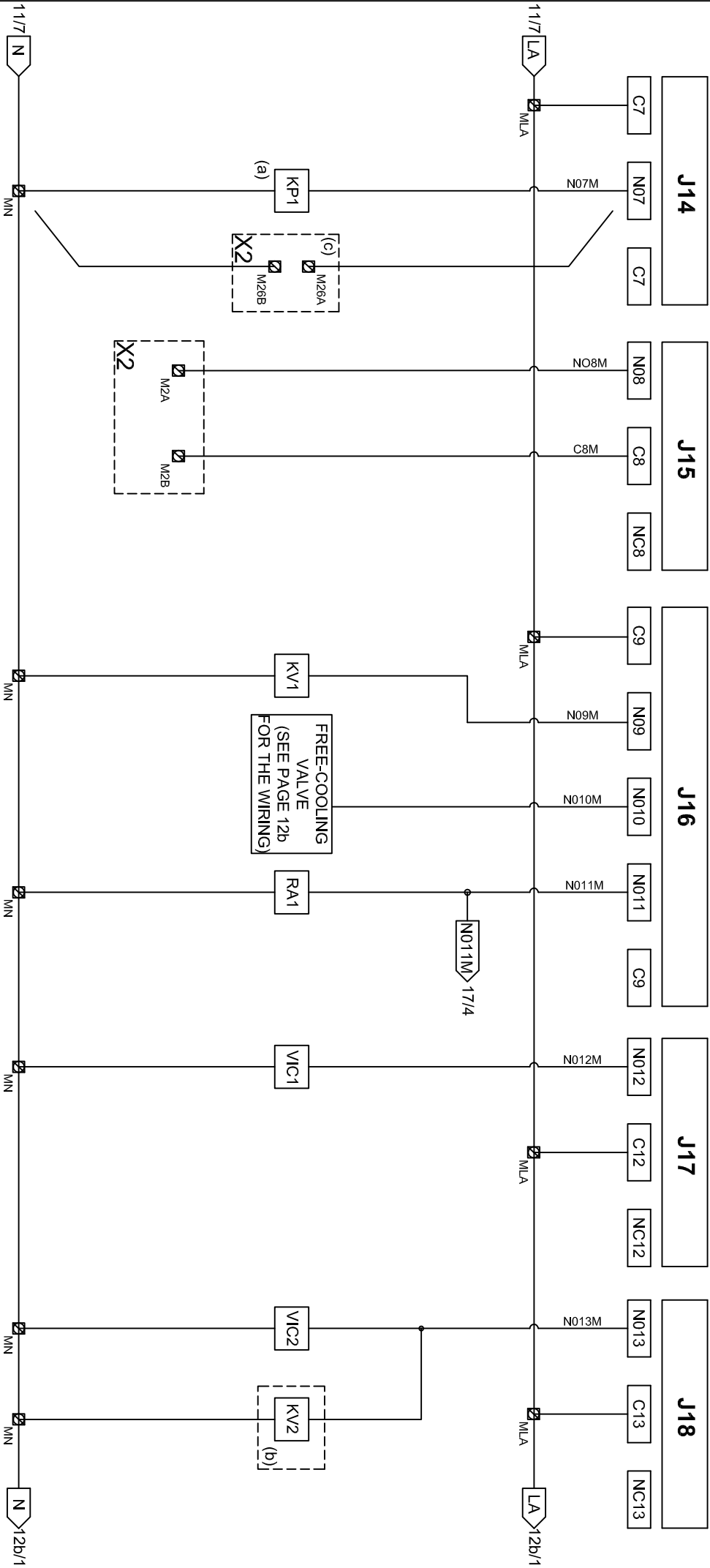
Unit with:

2 circuits - 6 Compressors

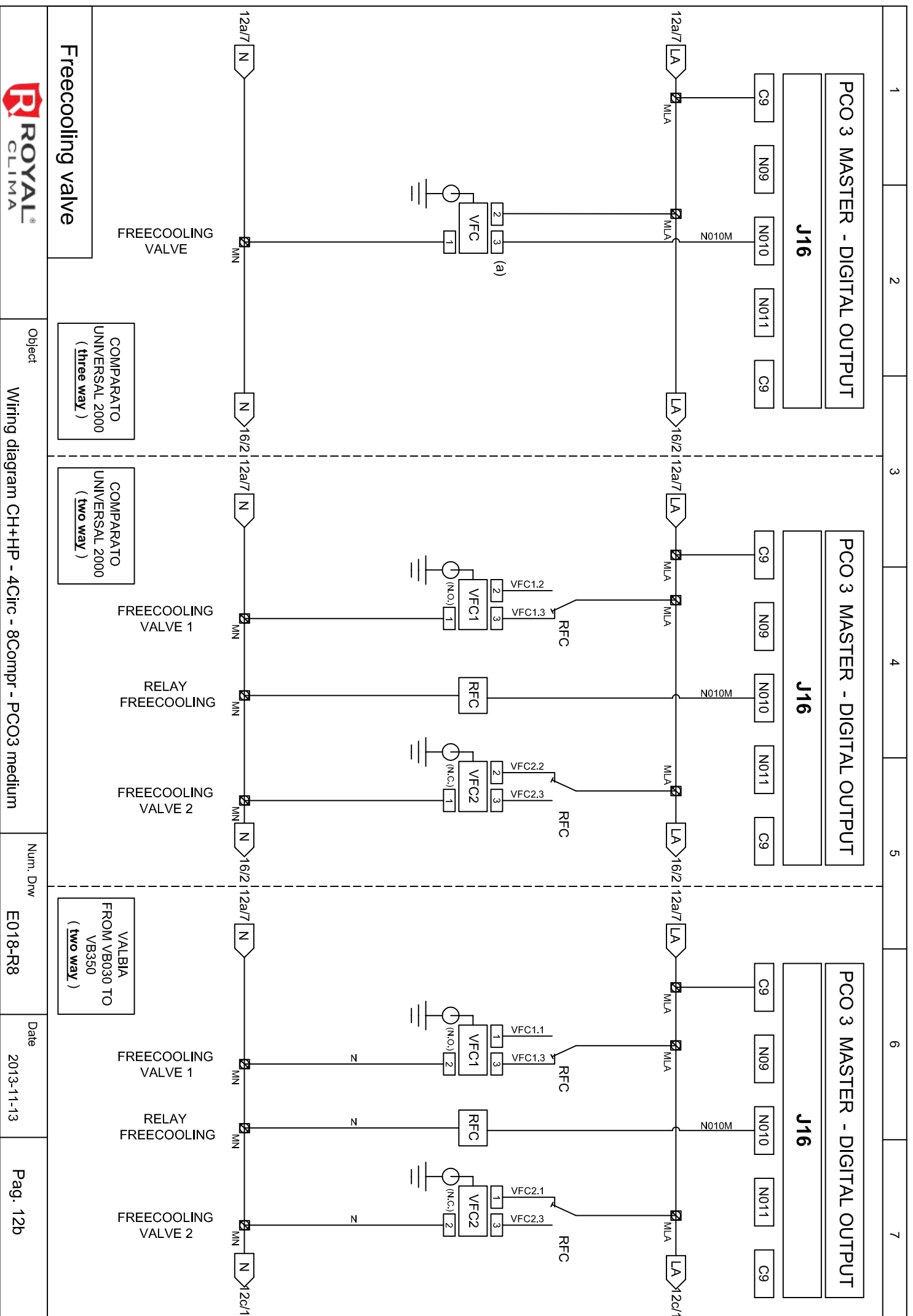


1	2	3	4	5	6	7
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PCO 3 MASTER - DIGITAL OUTPUT

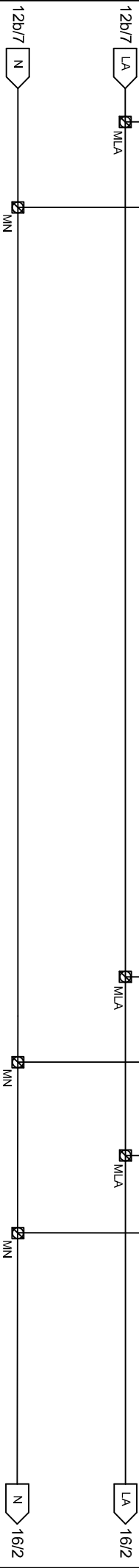
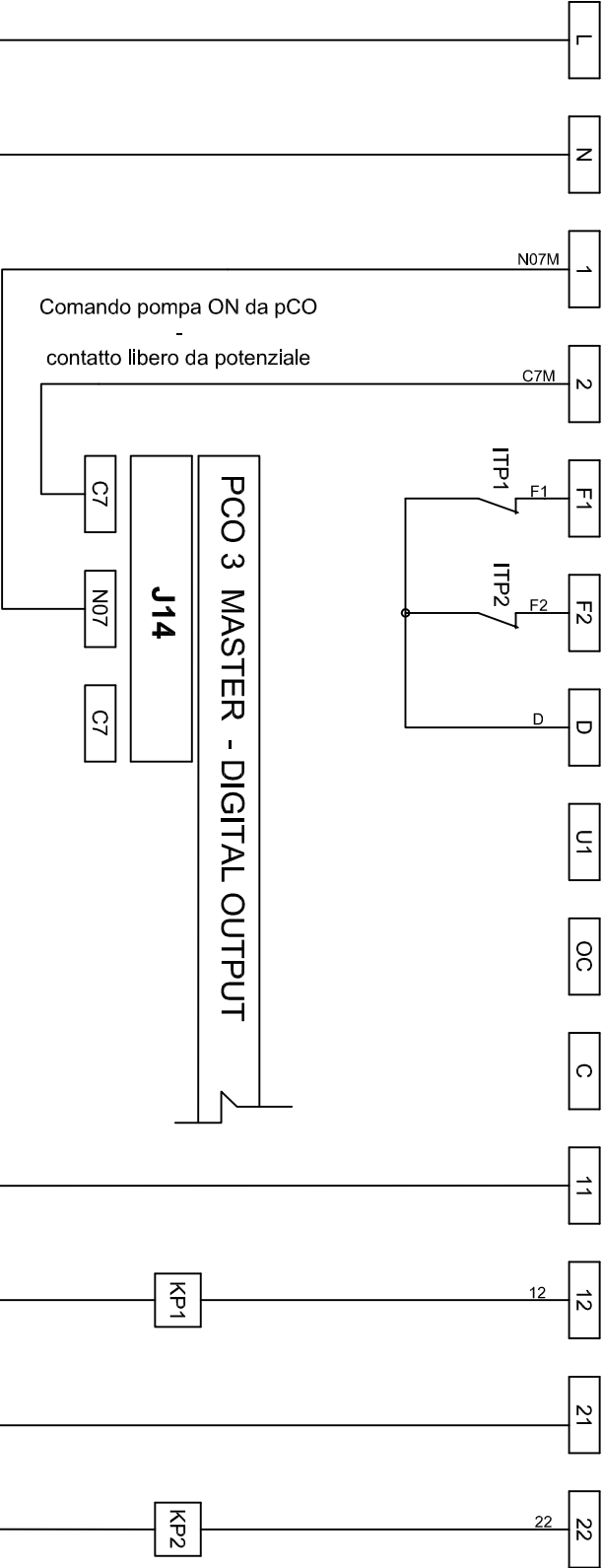


- (a) Unit with 1 pump (For unit with 2 pumps see pag. 12c for the wiring)
- (b) When is present only one PCO3 board and 2 circuit of condensation
- (c) External ON/OFF command evaporator pump, possible only if KP1 is not installed



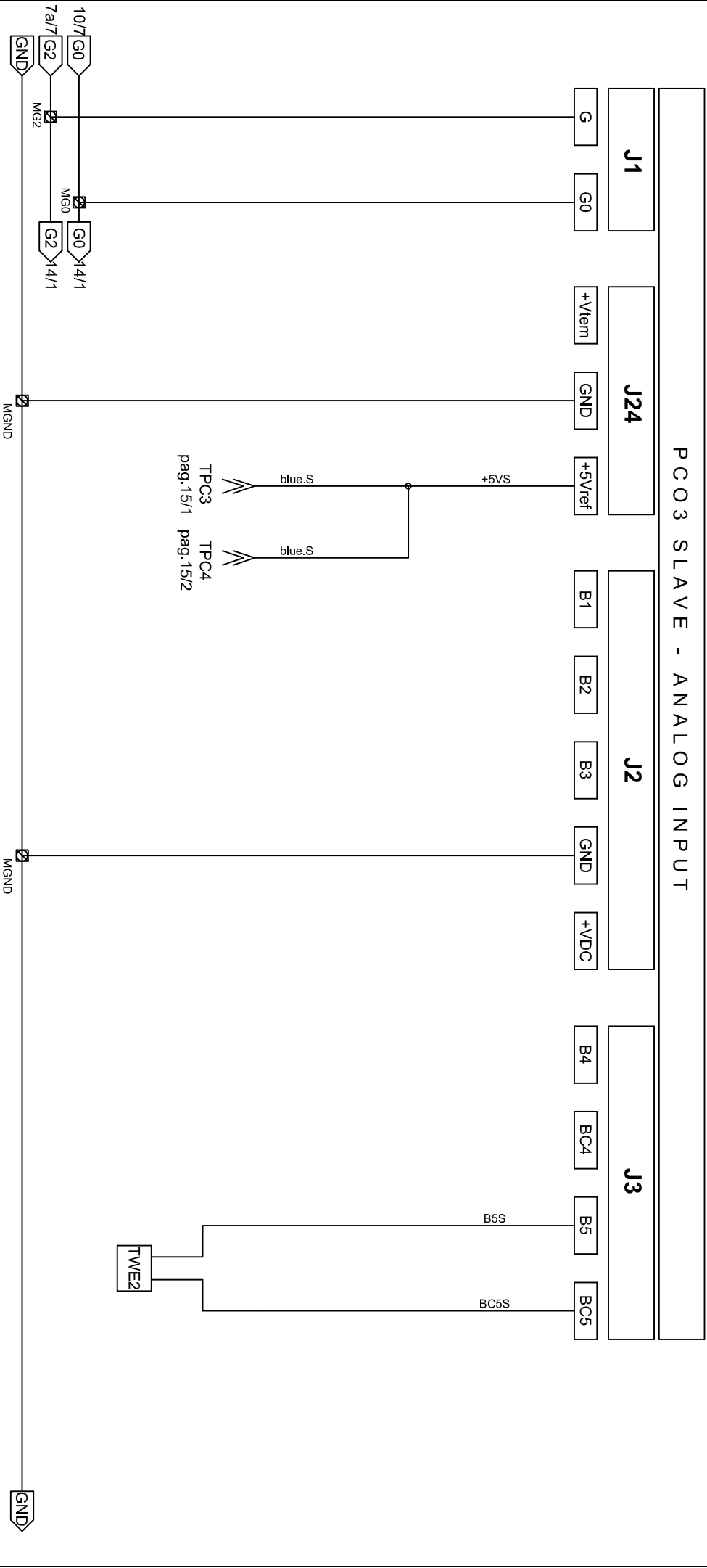
1	2	3	4	5	6	7
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COSTER IPG 318



Unit with 2
evaporator pumps

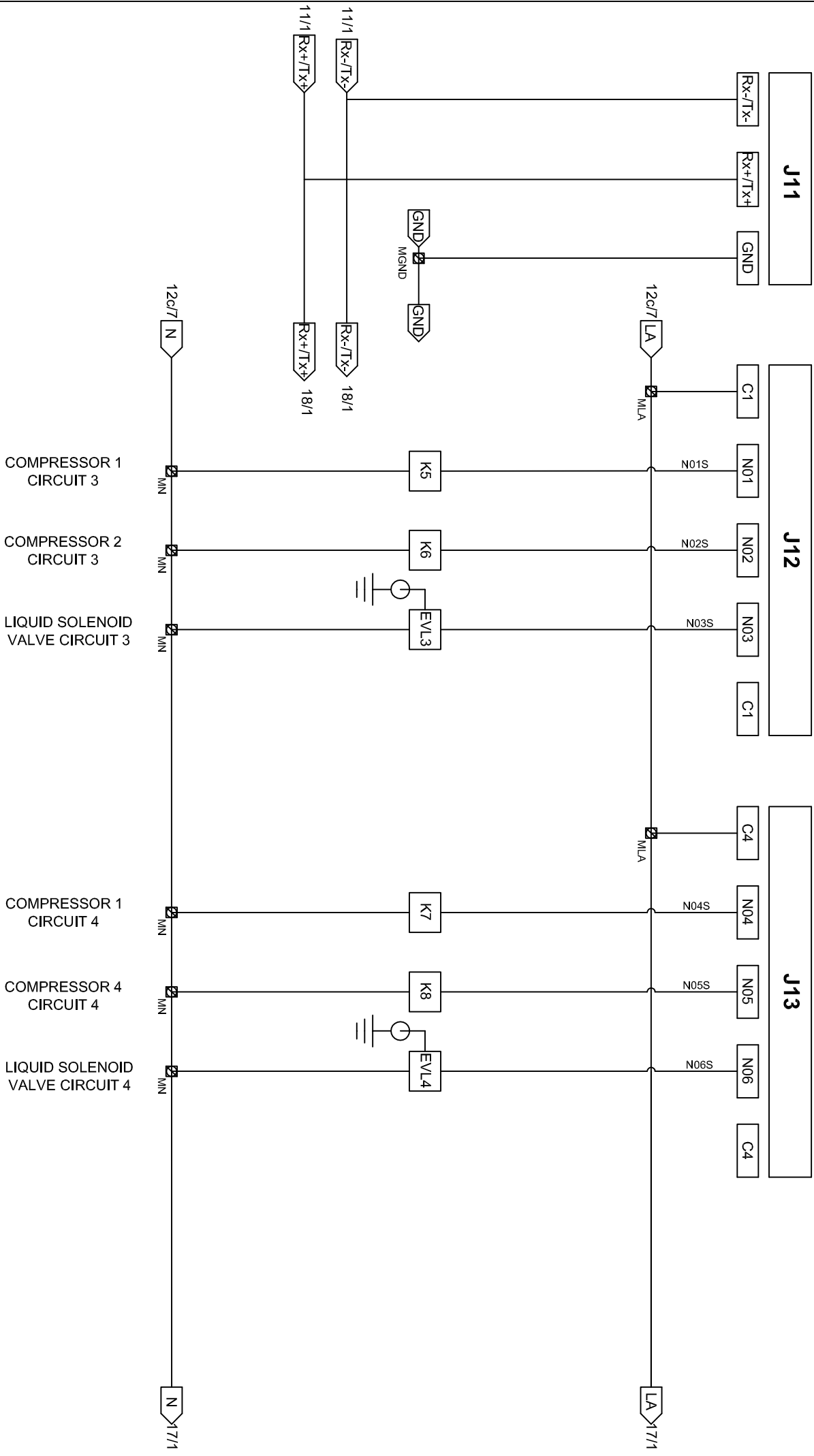
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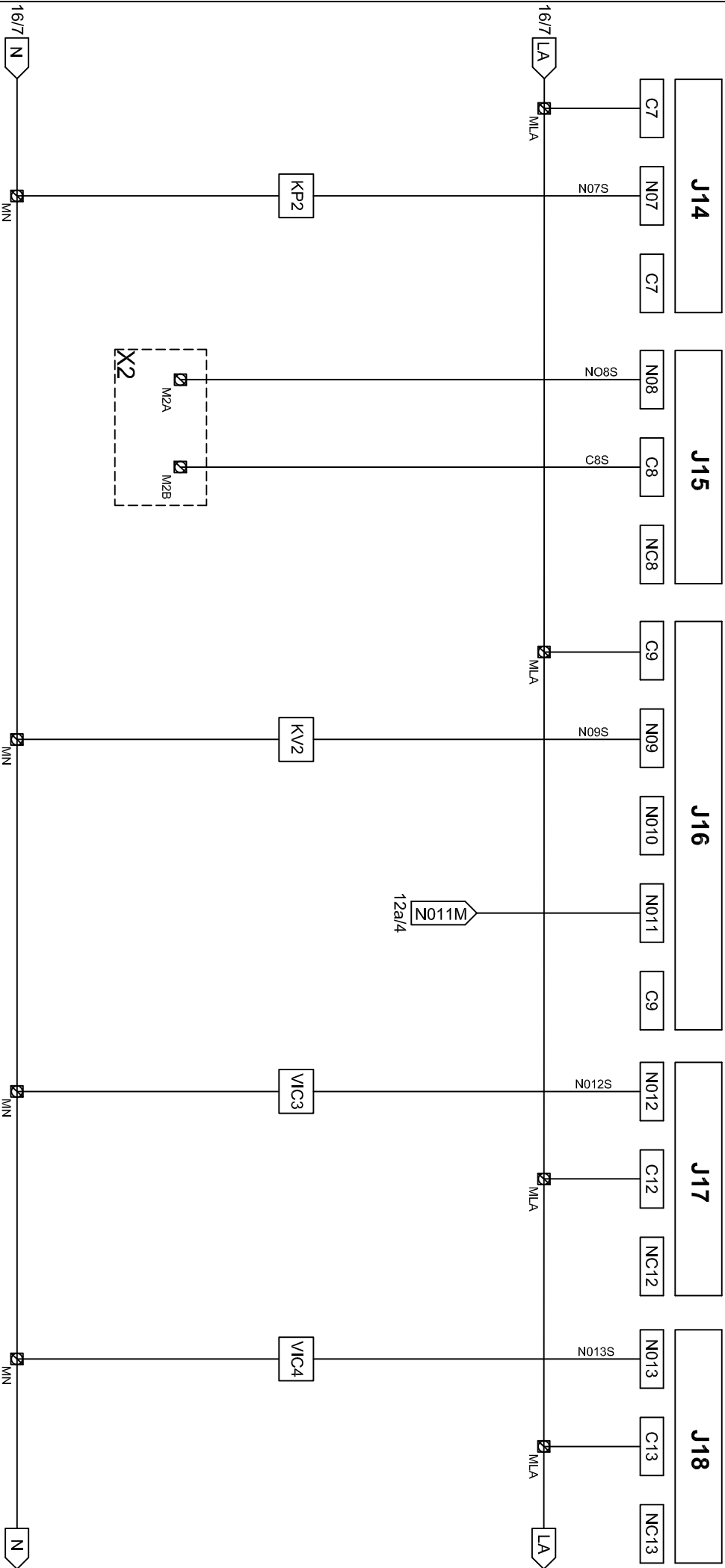
OUTLET COLD
WATER
TEMPERATURE

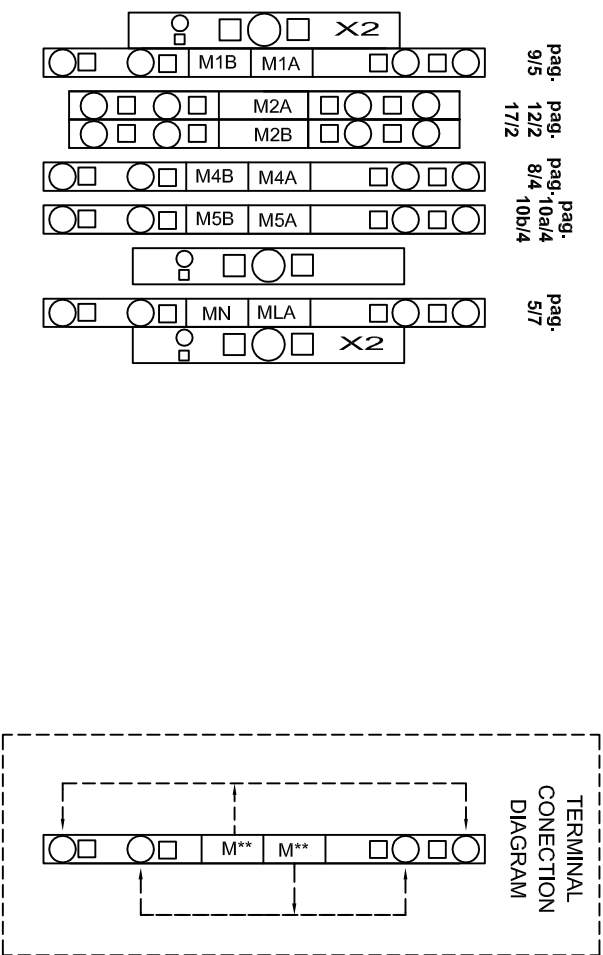
1	2	3	4	5	6	7
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PCO 3 SLAVE - DIGITAL OUTPUT



PCO 3 SLAVE - DIGITAL OUTPUT





TERMINAL X2 - USER CONNECTIONS