

# DVU-HP Control system 31.01.07

Documents listed on below pages

General Description: page 3-41 - 3

Circuit Diagram: page 19-3610 - 14

Cable Plan 70 - 74

Cabinet is placed behind cabinet door  
for the compressor

Data over AHU unit.

Heat exchanger type:

See data in the attached annex - Technial data

Electrical data:

Total consumed power:

Compressor fuse size:

Compressor 1 cable resistance:

Compressor 2 cable resistance:

Ik max on fuse in unit: 10 kAmps

Manufacture:

Systemair A/S, Denmark  
Ved Milepælen 7  
8361 Hasselager

supplier:

Systemair A/S, \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Frontpage

Project:  
DVU-HP Control system 31.01.07 GB

Drawing no.:

Init.:  
MIKE

Rev Date.:  
07-01-2022

Rev.:  
31.01.07

Sheet:  
1

Date:  
21-08-2020

Function:  
=A4

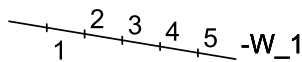
Cabinet:

Total sheets:  
3

Next sheet:  
=A4/2

Symbols are according to IEC 60617.  
On this page are descriptions of used symbols in the project.

| Wire Colour code |      |
|------------------|------|
| Black            | - BK |
| Brown            | - BN |
| Red              | - RD |
| Yellow           | - YE |
| Green            | - GN |
| Blue             | - BU |
| Violet           | - VT |
| Gray             | - GY |
| White            | - WH |
| Pink             | - PK |
| Transparent      | - TP |
| Green/Yellow     | - PE |



Cable



Automatic tripping, 3-pole



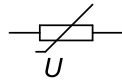
Automatic tripping, 2-pole



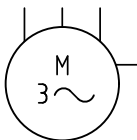
References



Terminal



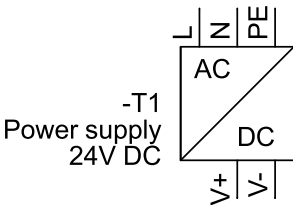
Thermistor



Motor three phase + PE



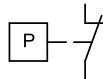
Lamp



Power supply



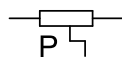
Switchgear



Switchgear



Switchgear



Pressure



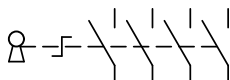
Relay contacts, NC



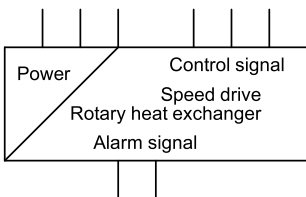
Temperature (measuring)



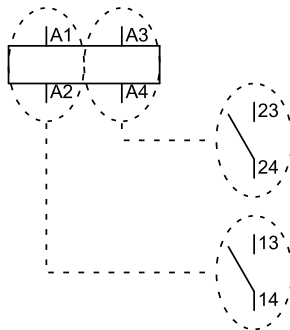
Resistor



Switchgear, 4 pole



Rotary heat exchanger



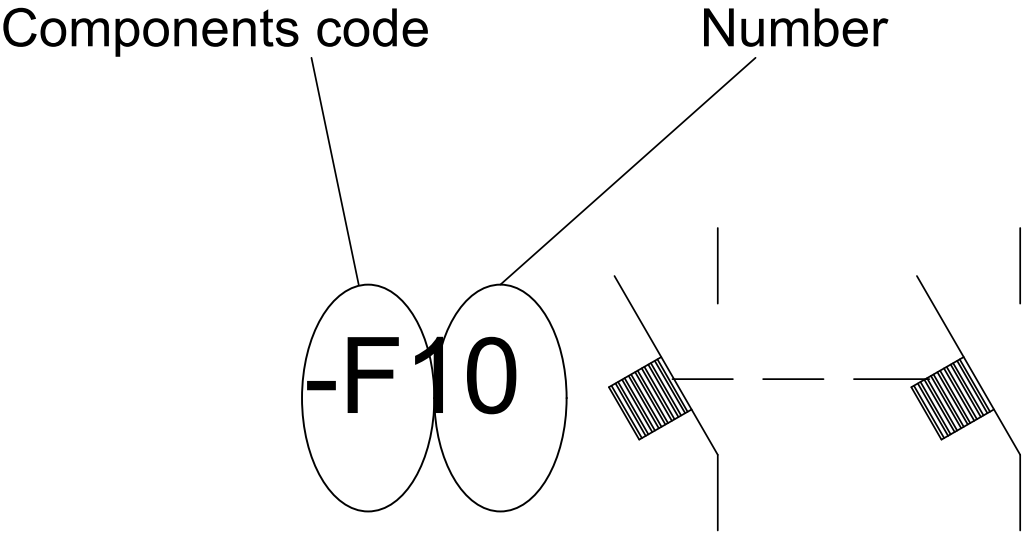
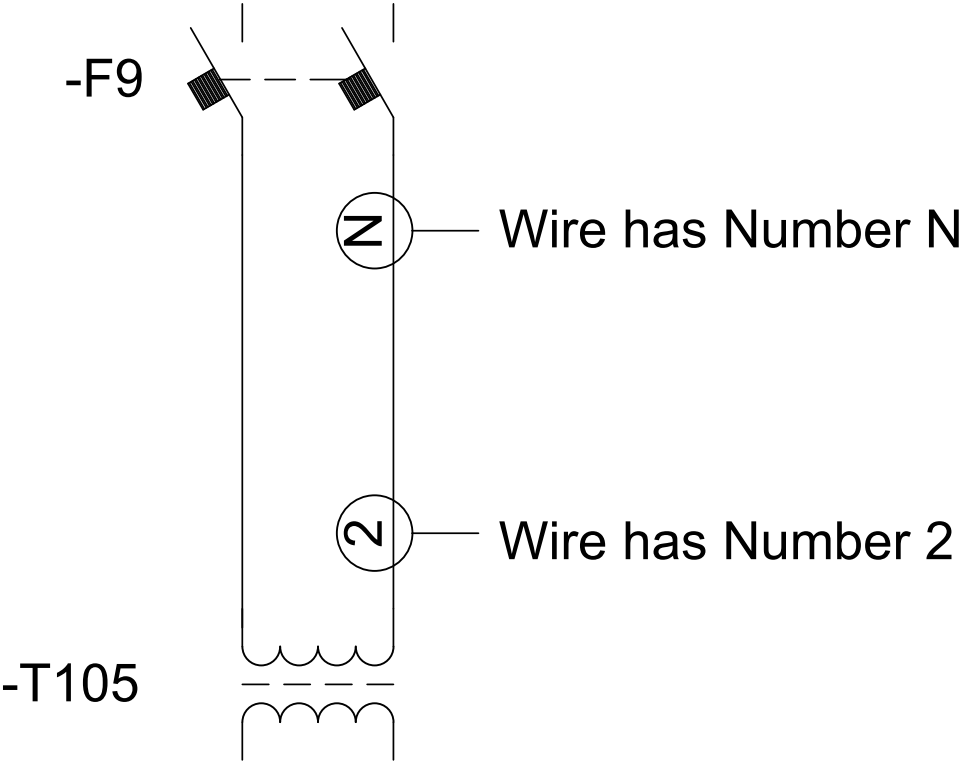
Relay coil with 2 coils

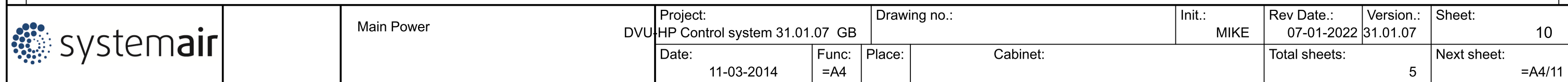
Relay contact 2

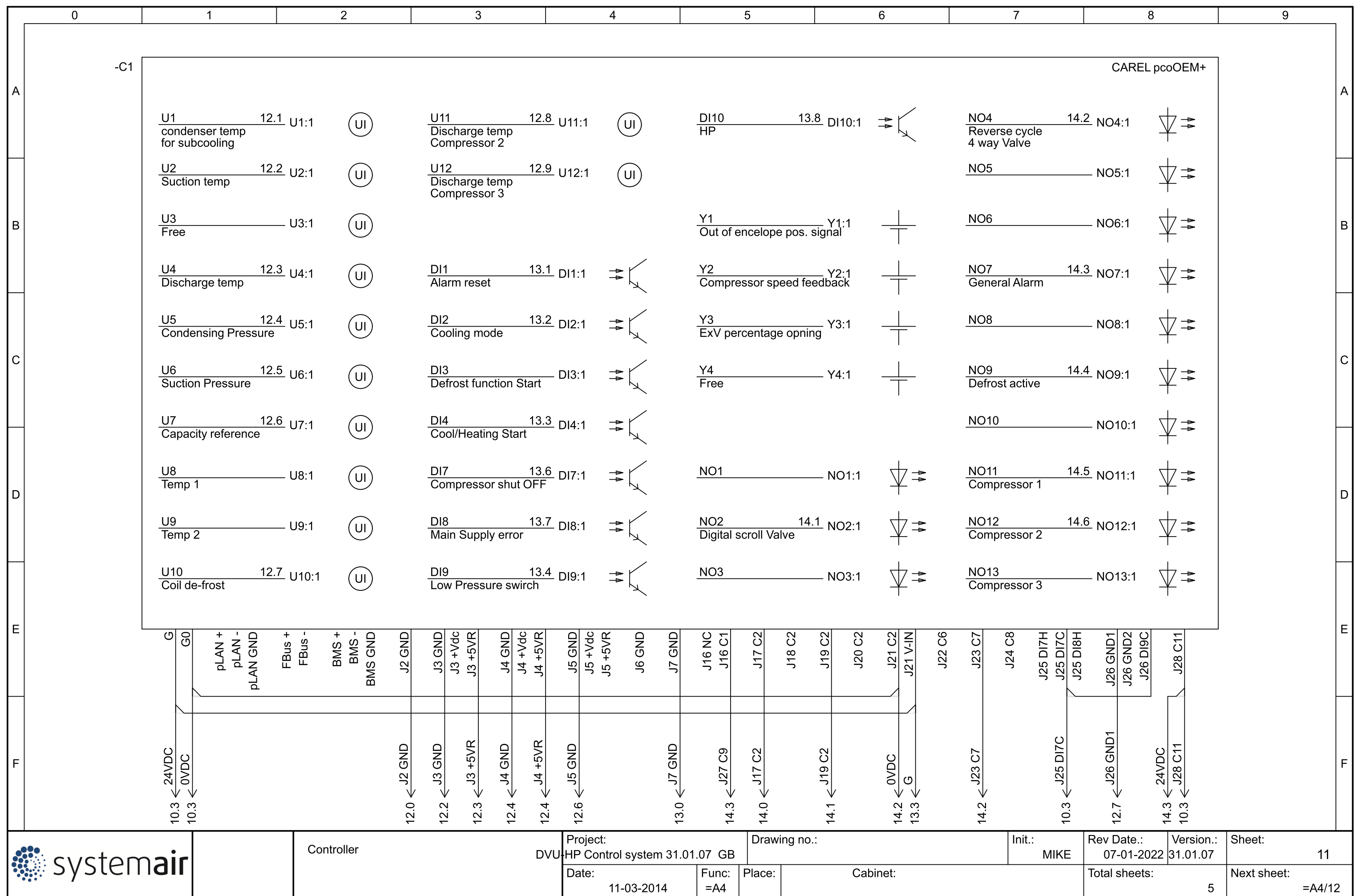
Relay contact 1

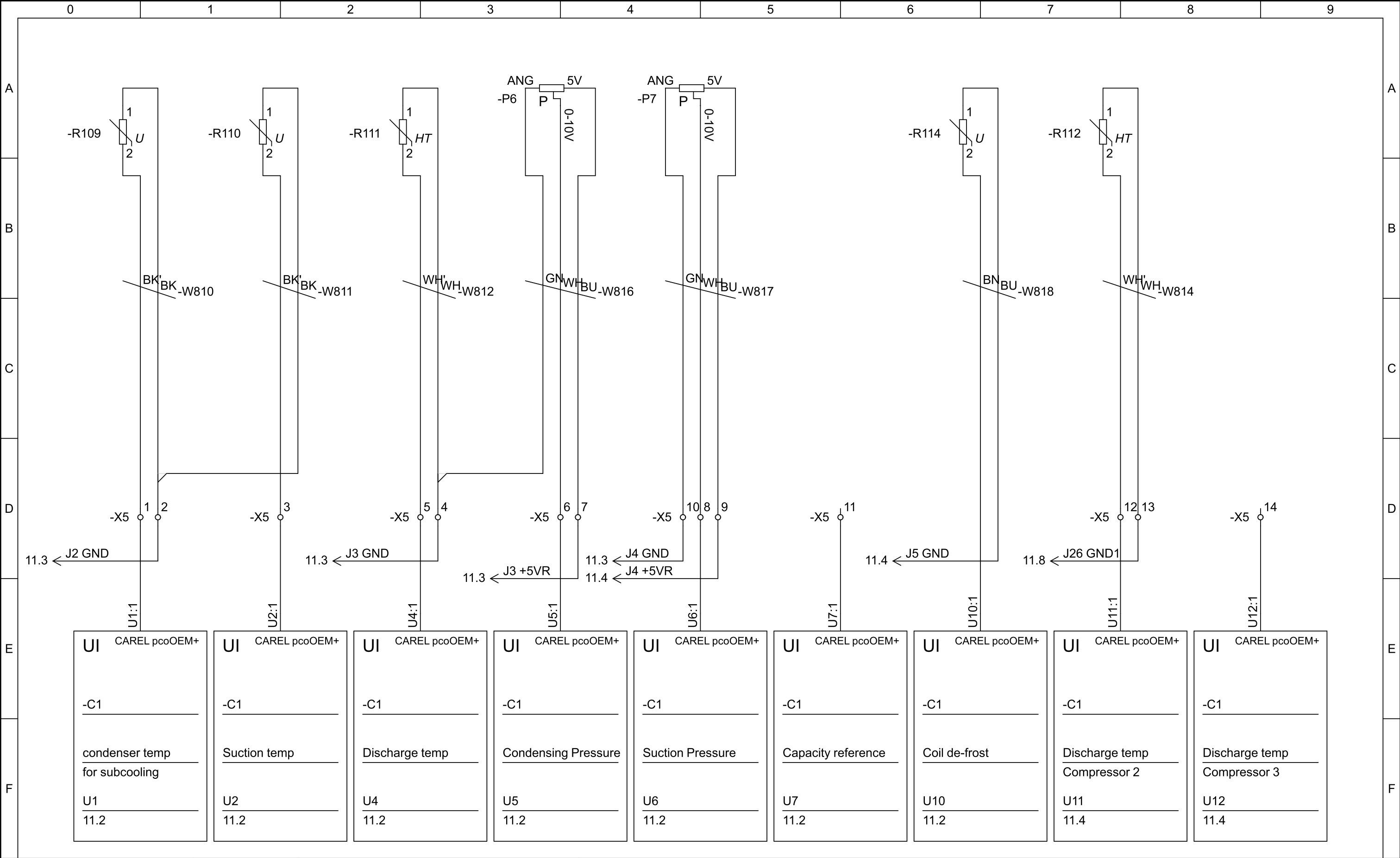
Labeling of wires  
Cables are marked with  
Terminal name

Components are marked with component codes  
followed by a number according to IEC 61346-1 Chart 1

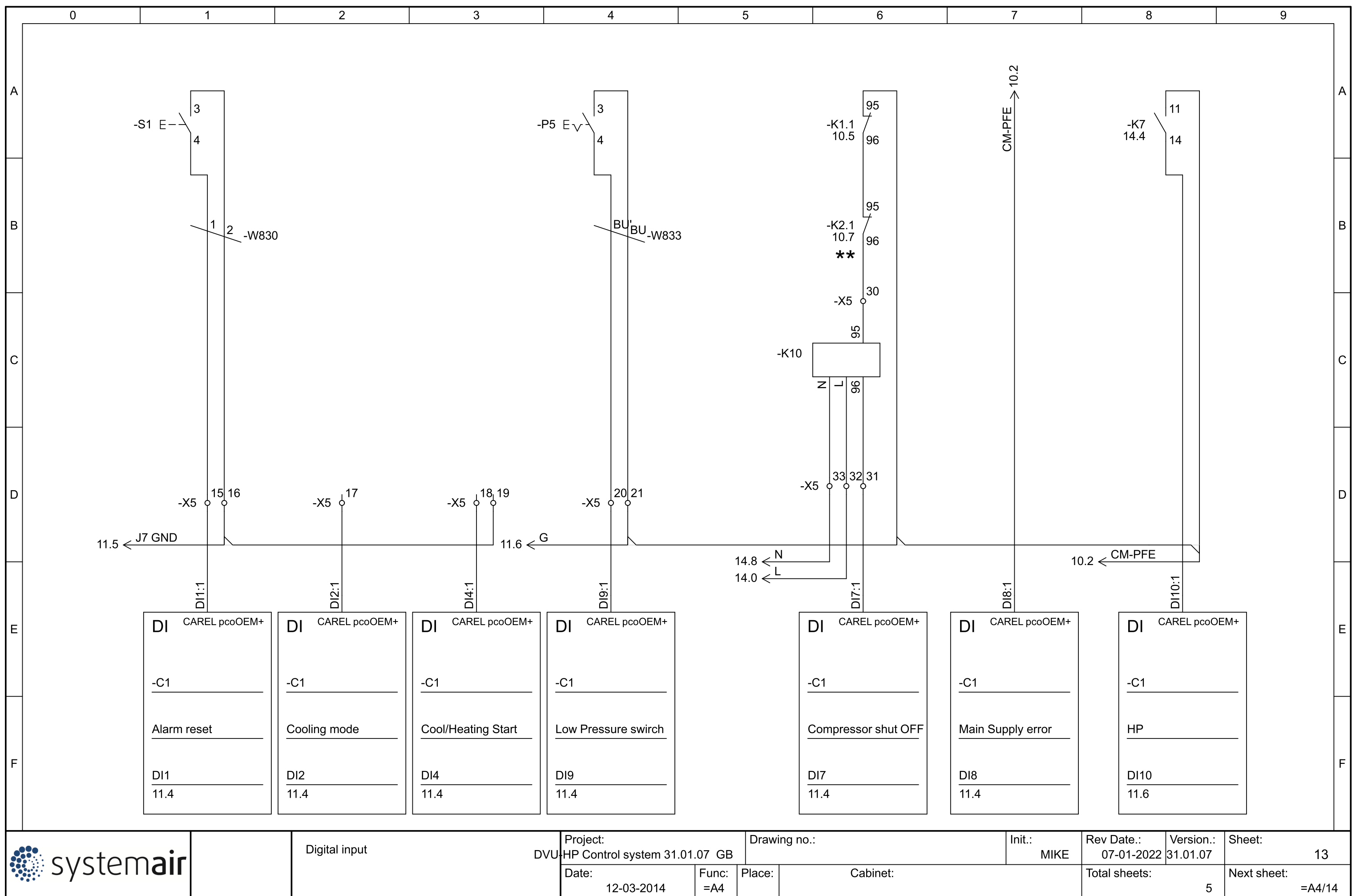


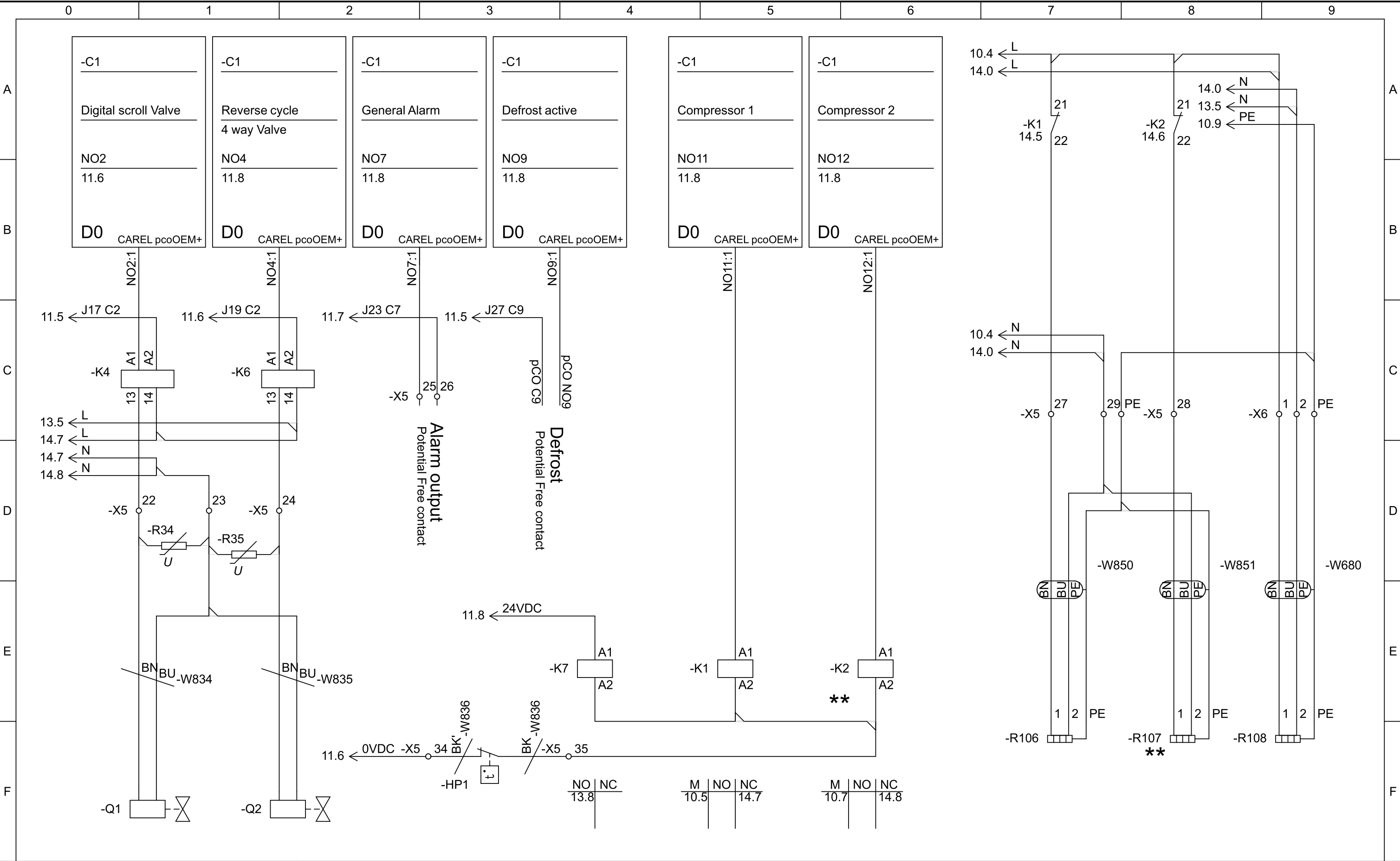






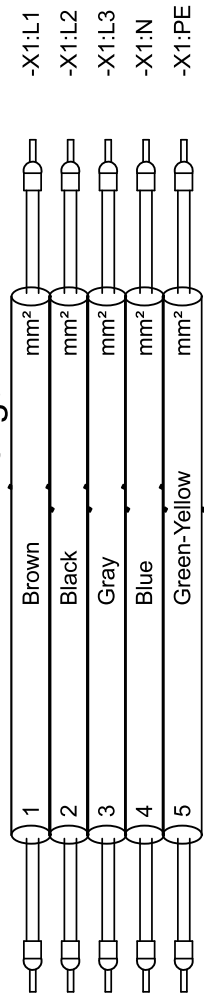




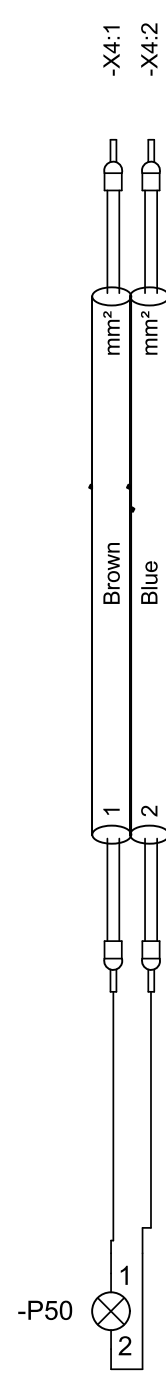




**=A4-W329**

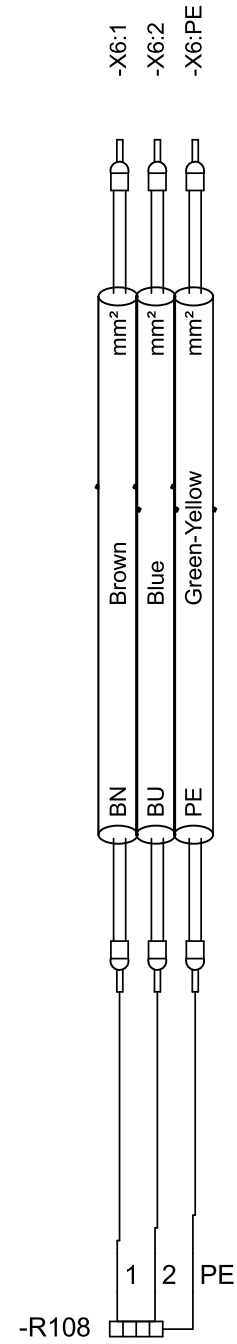
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Dimension:  
Length: m

# =A4-W650

Type:  
Dimension:  
Length: m

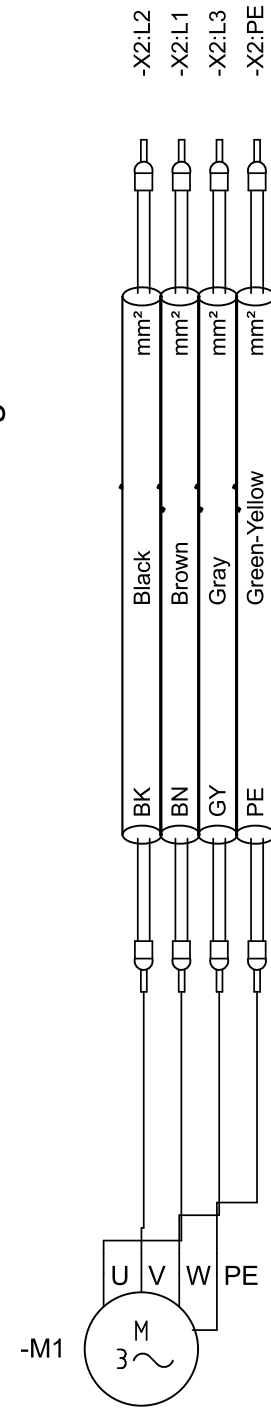
# =A4-W680

Type:  
Dimension:  
Length: m



# =A4-W801

Type:  
Dimension:  
Length: m

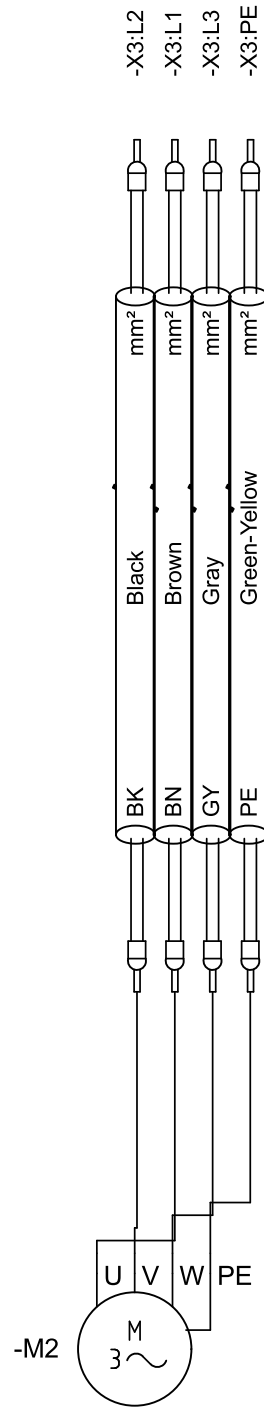
[illegible]

# Cabelplan

=A4-W802

**Description:**

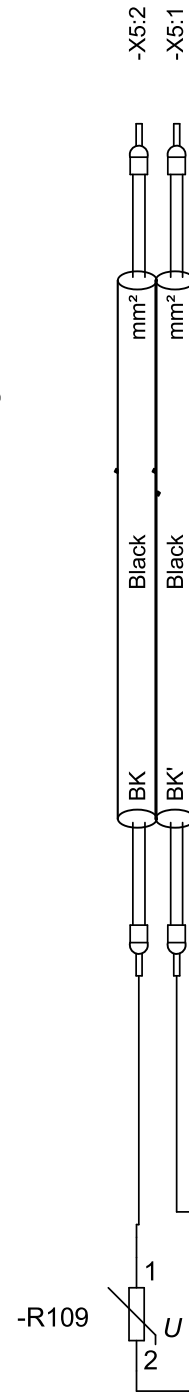
Type:  
Dimension:  
Length: m



# =A4-W810

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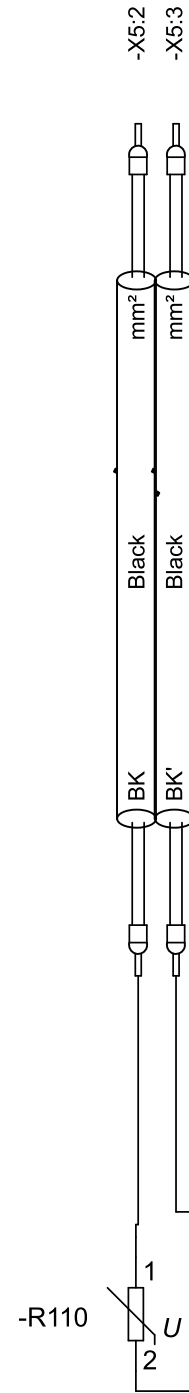
Type:  
Dimension:  
Length: m



**=A4-W811**

**Description:**

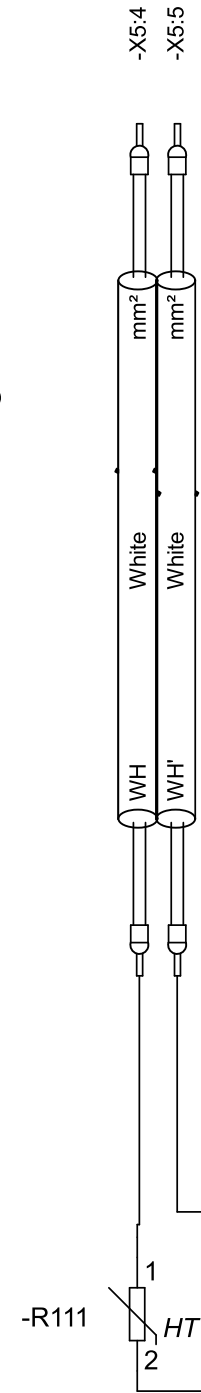
Type:  
Dimension:  
Length: m



=A4-W812

Description:

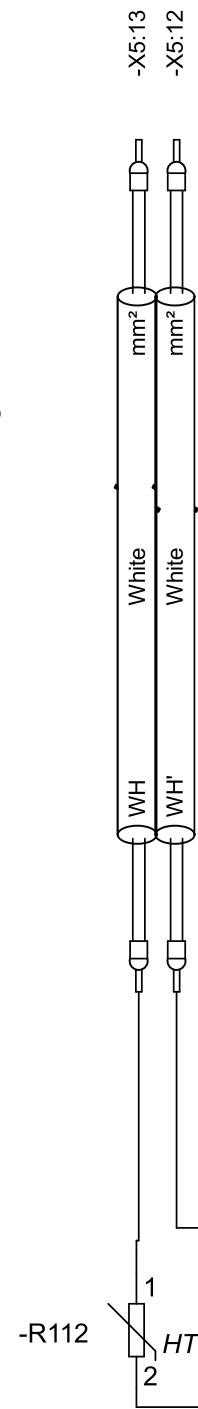
Type:  
Dimension:  
Length: m



**=A4-W814**

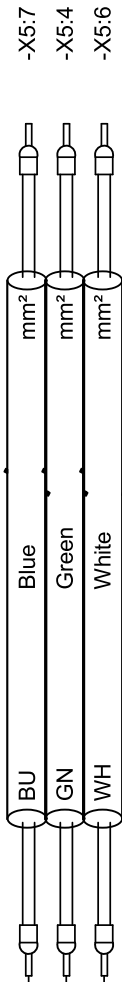
**Description:**

Type:  
Dimension:  
Length: m

[illegible]

# =A4-W816

Type:  
Dimension:  
Length: m



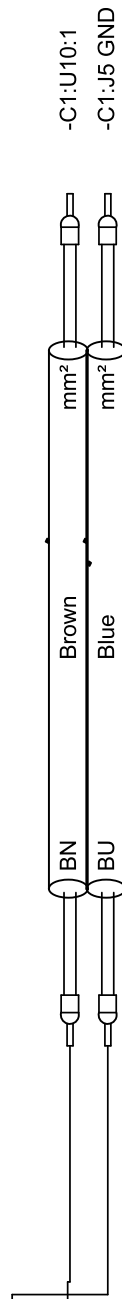
# =A4-W817

Type:  
Dimension:  
Length: m



# =A4-W818

Type:  
Dimension:  
Length: m

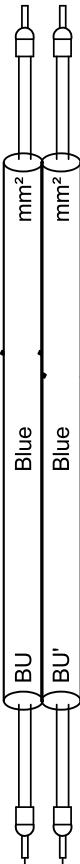


# =A4-W830

Type:  
Dimension:  
Length: m

[illegible]

# =A4-W833

Type:  
Dimension:  
Length: m

**=A4-W834**

Type:  
Dimension:  
Length: m



# =A4-W835

Type:  
Dimension:  
Length: m

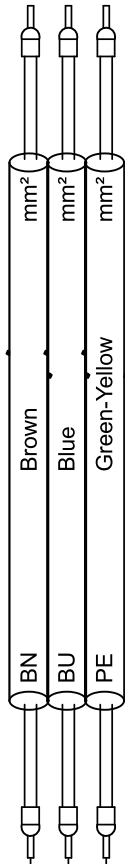
**=A4-W836**

Type:   
Dimension:   
Length: m



# =A4-W850

Type:  
Dimension:  
Length: m

[illegible]

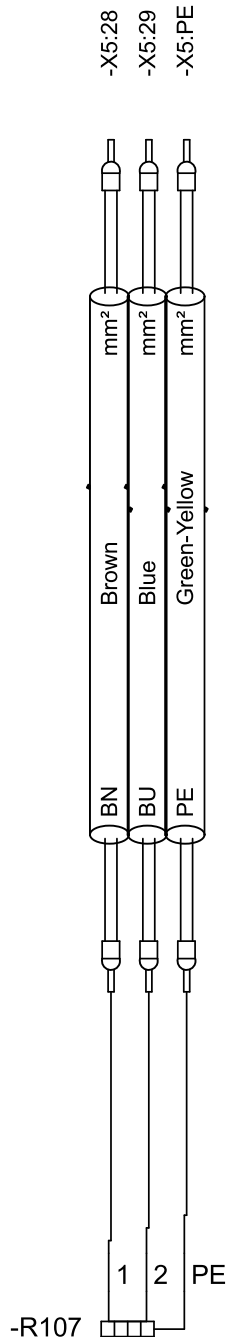
# Cabelplan

# =A4-W851

Description:

Type:  
Dimension:

Dimension:  
Length: m

[illegible]