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|                      |   |  |
|----------------------|---|--|
| Customer             | : |  |
|                      | : |  |
| Drawing number       | : |  |
| Drawing version      | : |  |
| Manufacture          | : |  |
| Type                 | : |  |
| Type of installation | : |  |
| Control cabinet      | : |  |
| Mains voltage        | : |  |
| Supply               | : |  |
| Control voltage      | : |  |
| Year of construction | : |  |
| Project start        | : |  |
| Project manager      | : |  |
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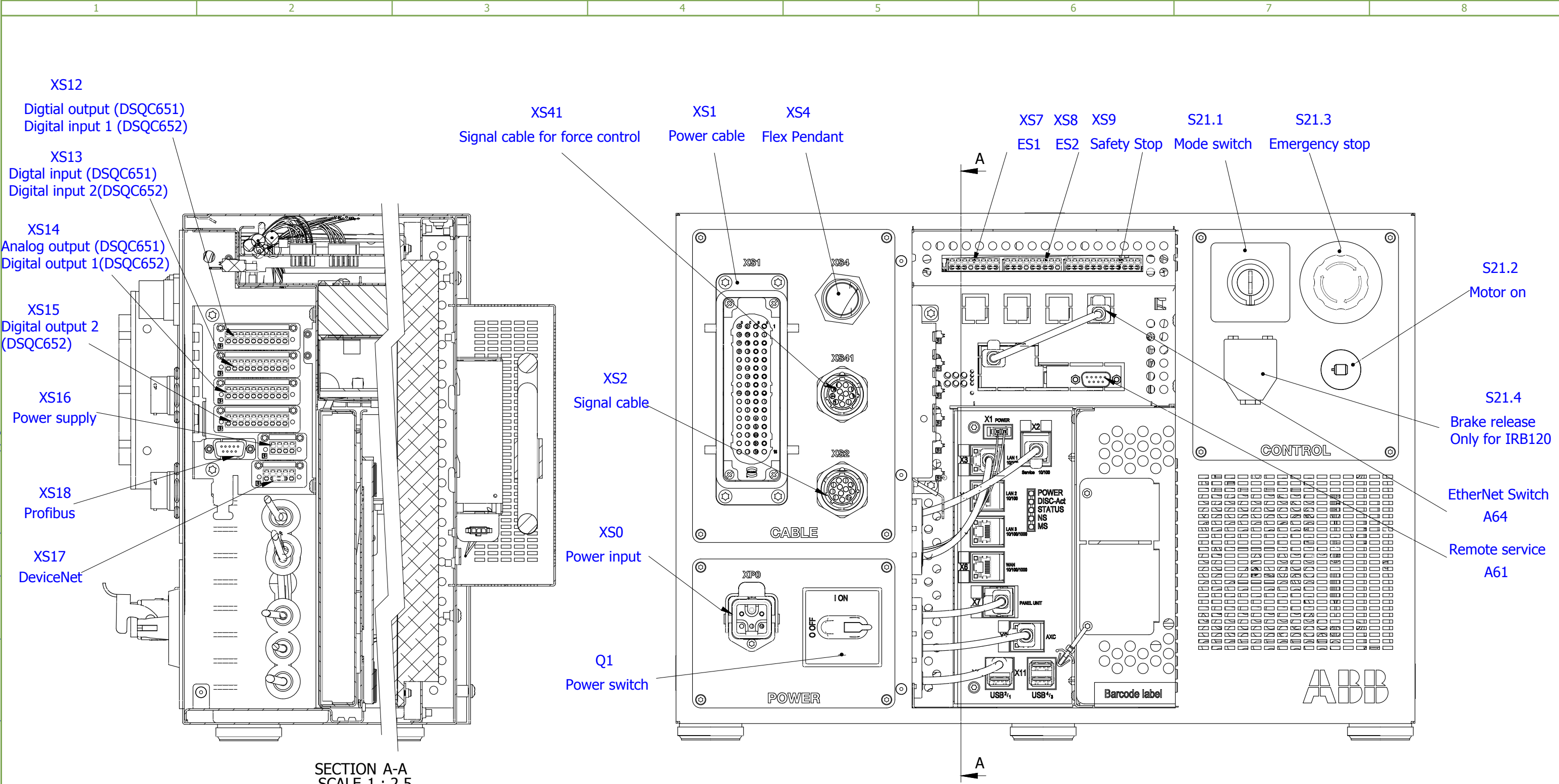
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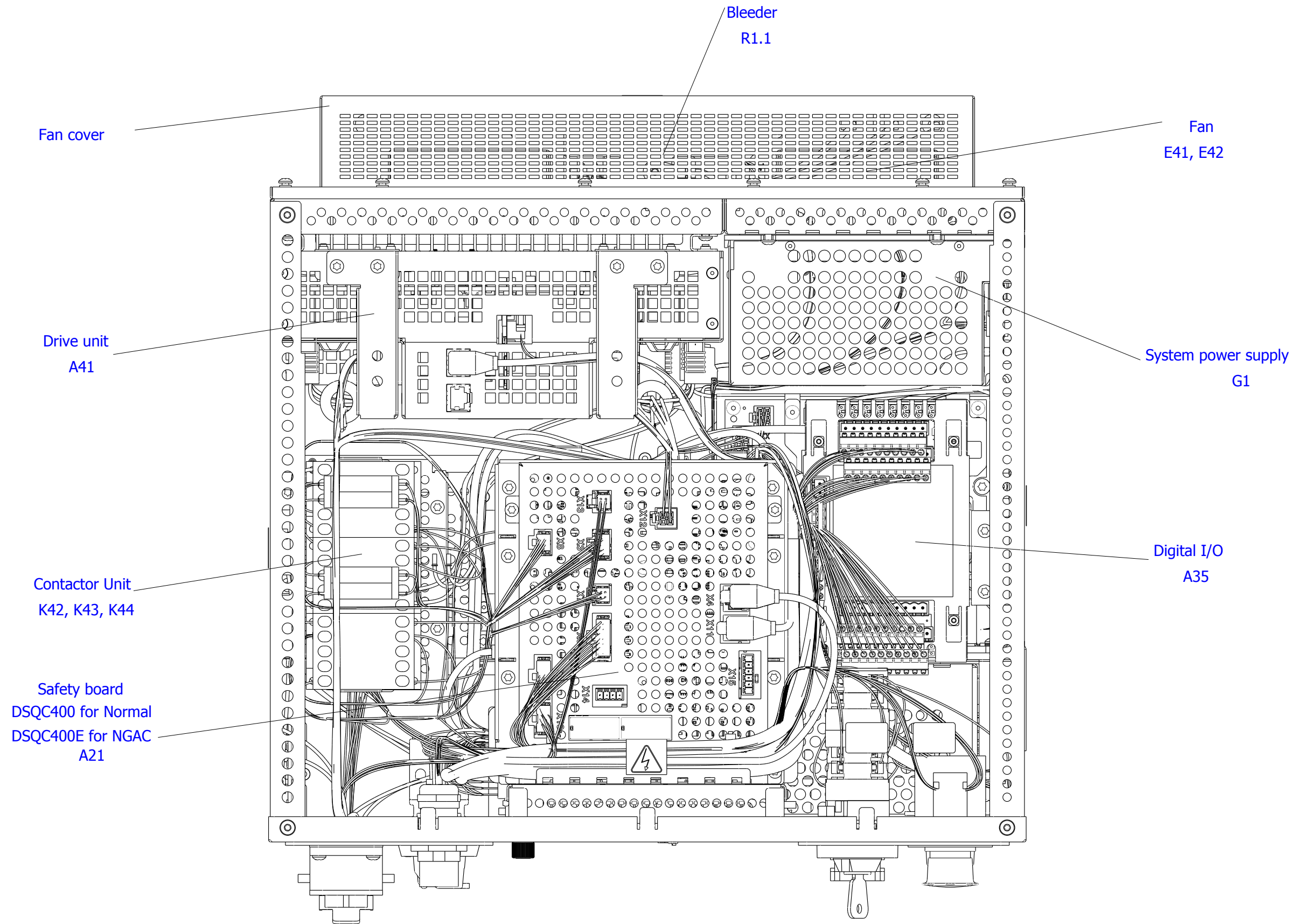
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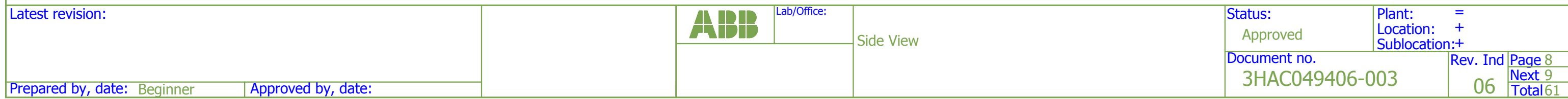
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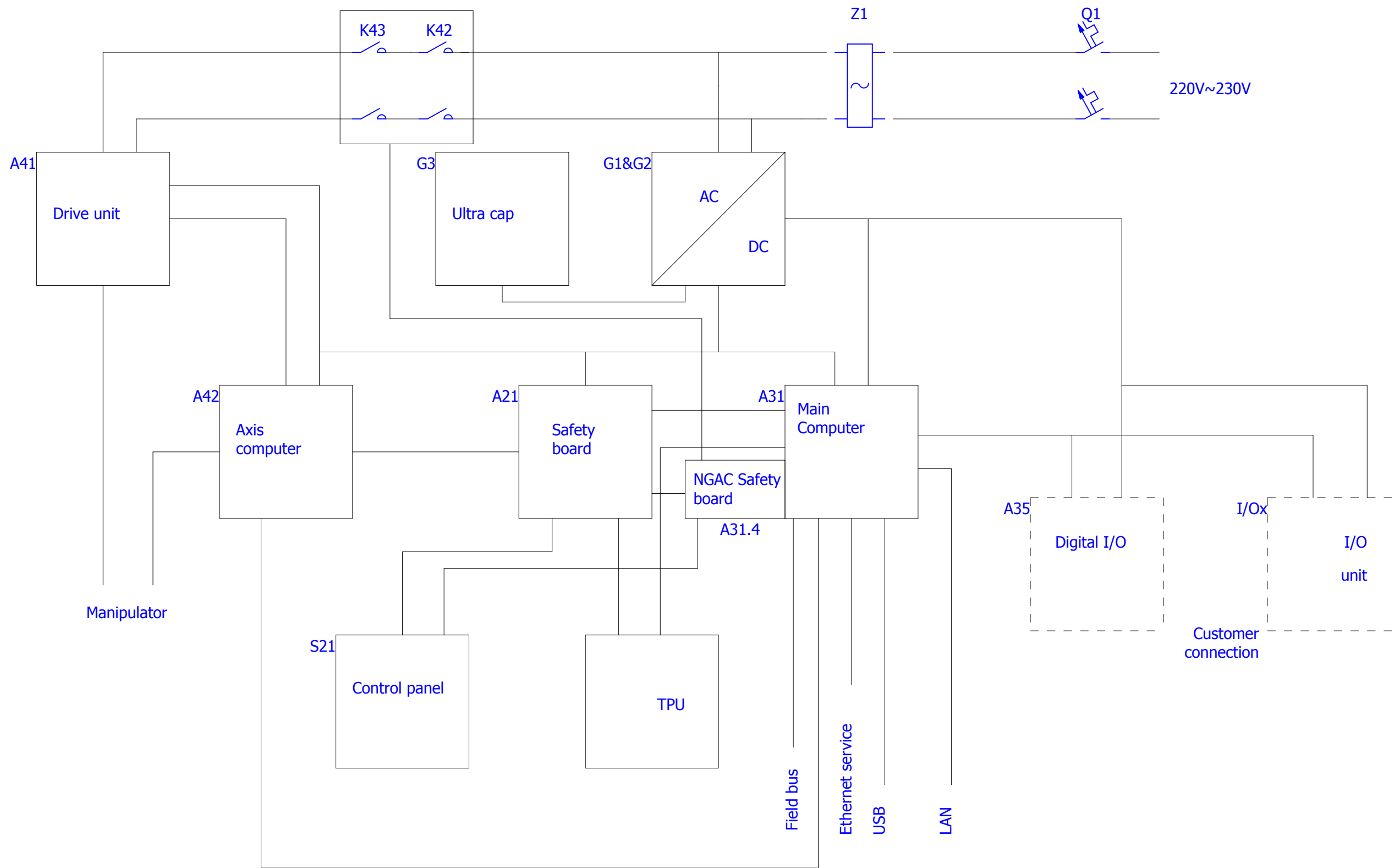
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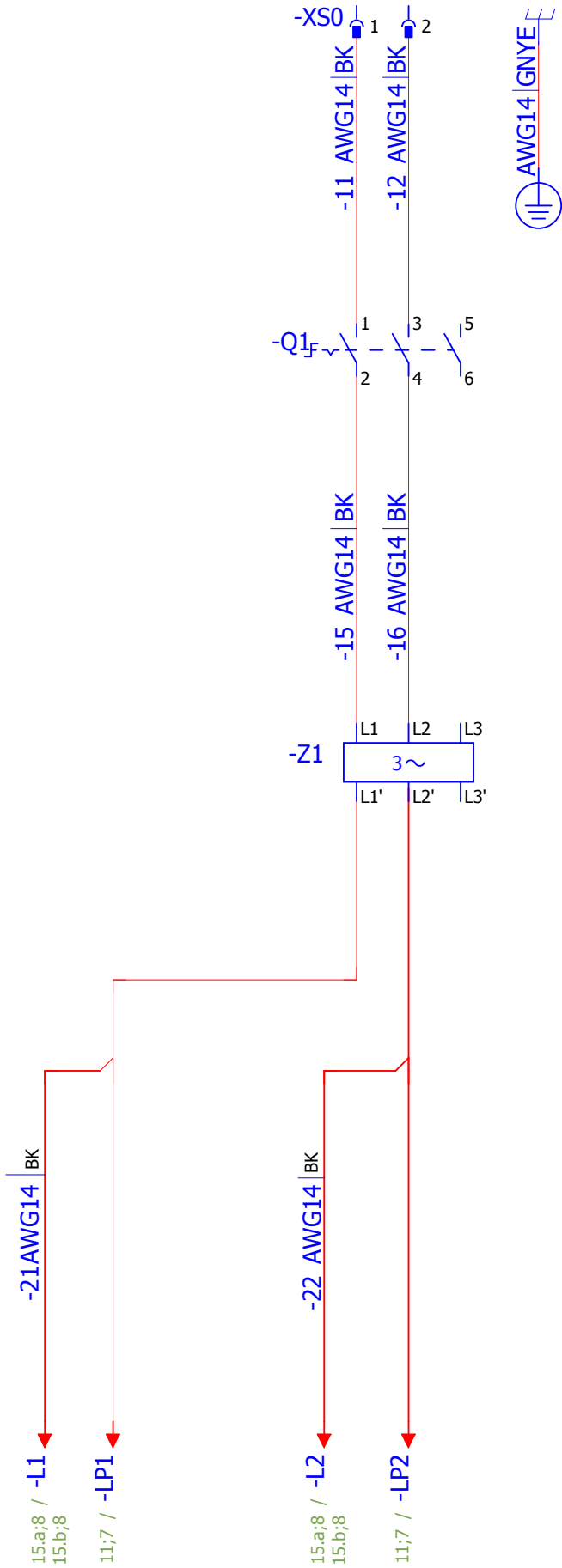


## Rightside View



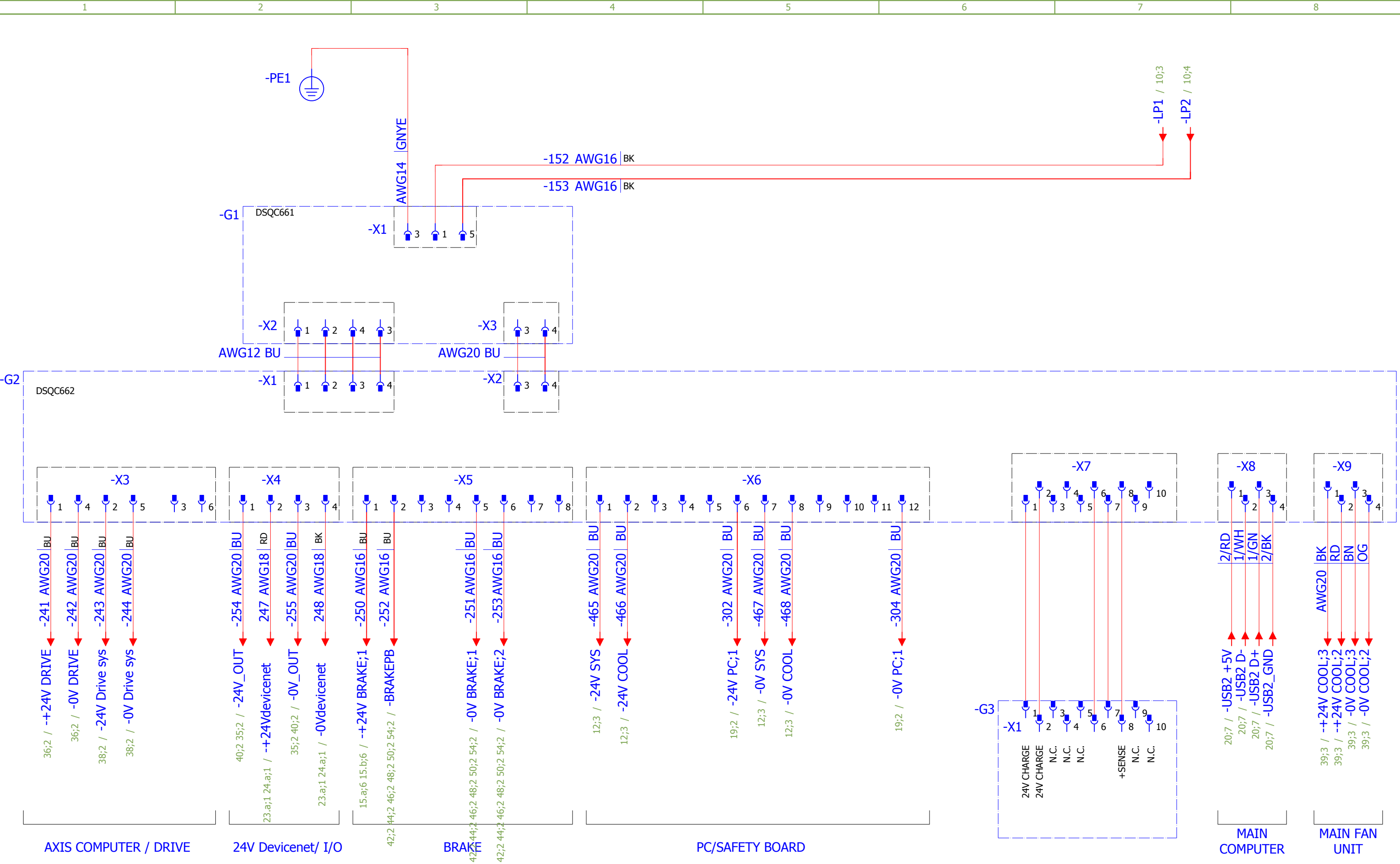
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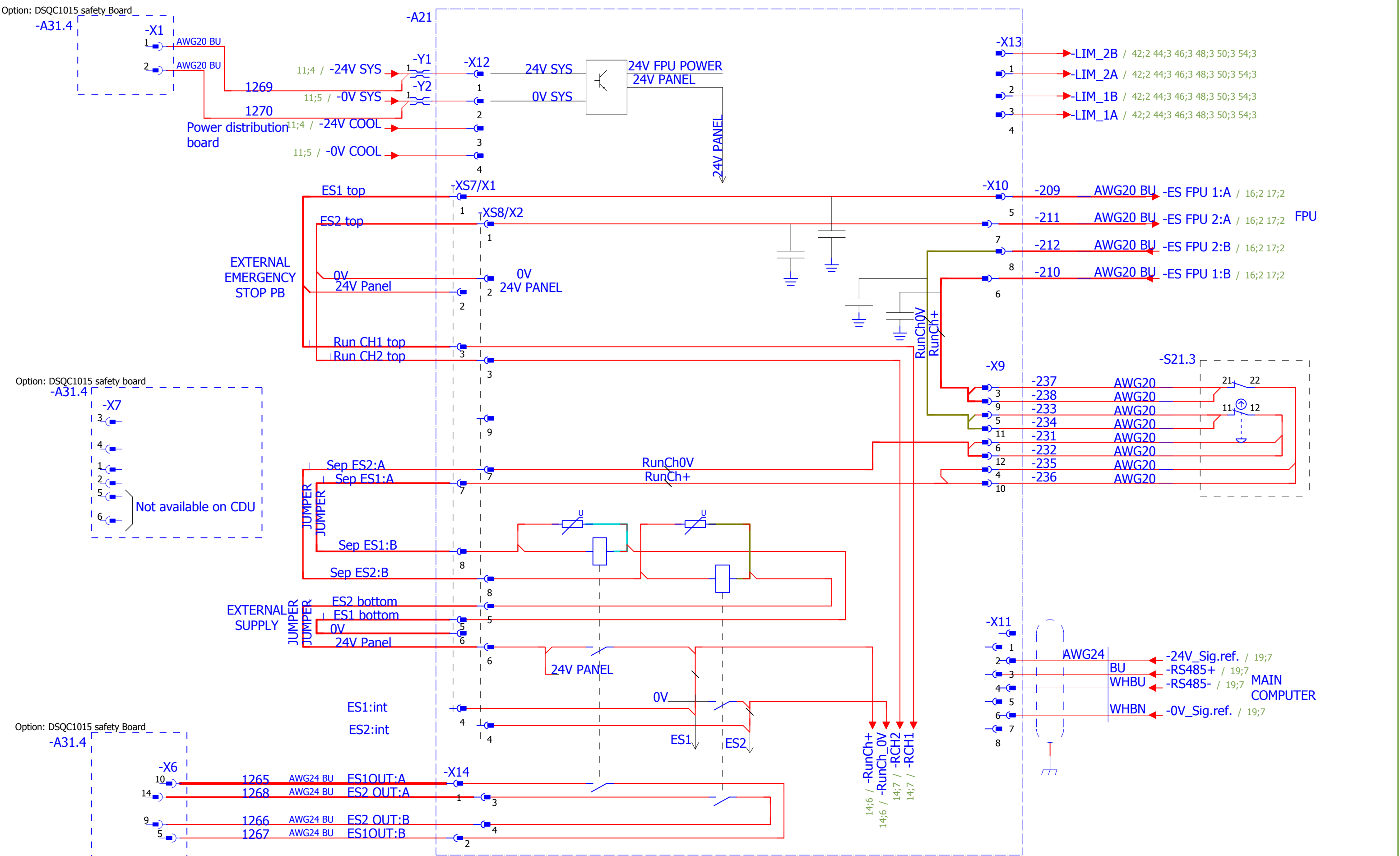


| Wire No. | Single phase |
|----------|--------------|
| 11       | P            |
| 12       | N            |
| 15       | P            |
| 16       | N            |
| 21       | P            |
| 22       | N            |

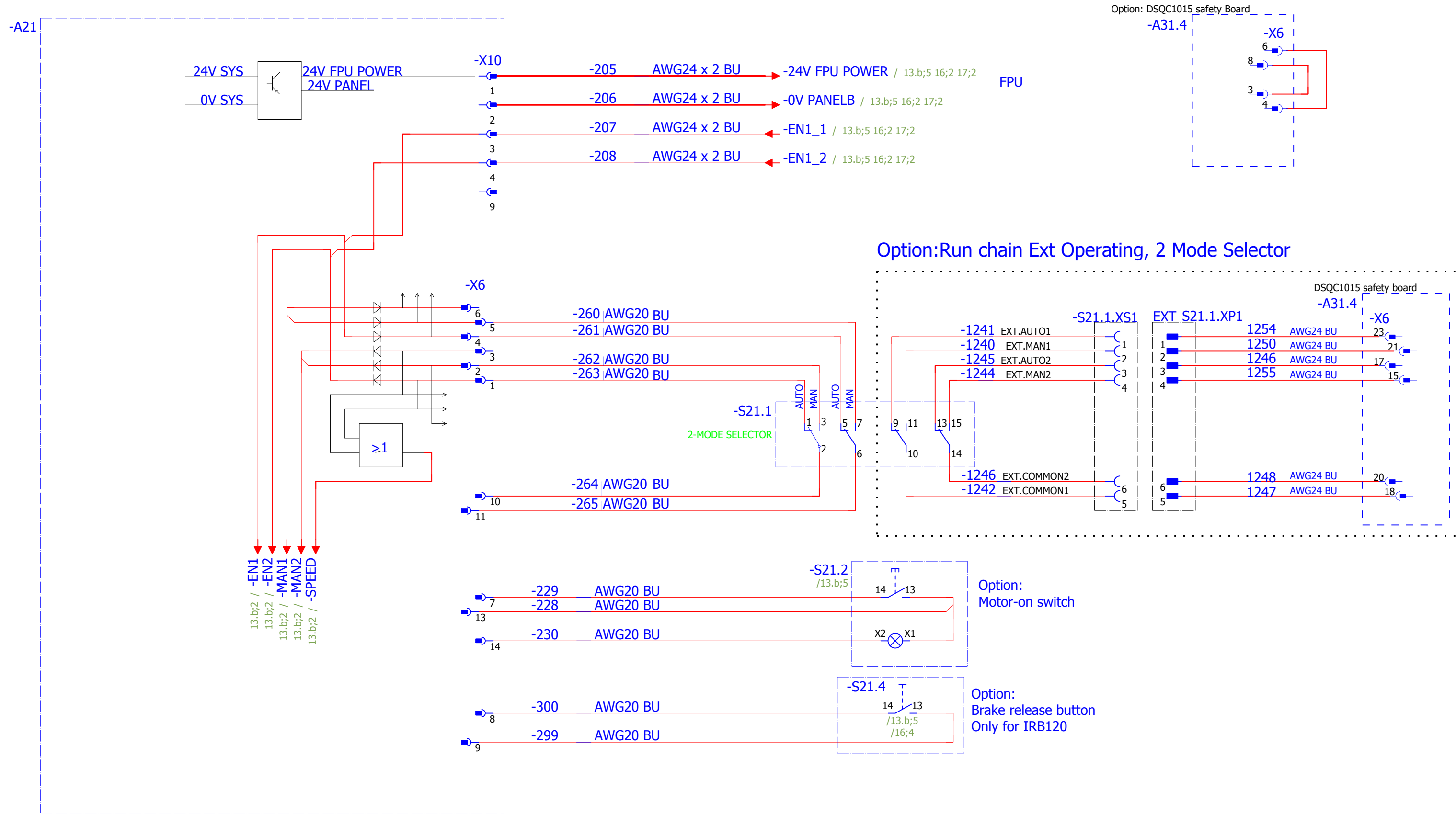
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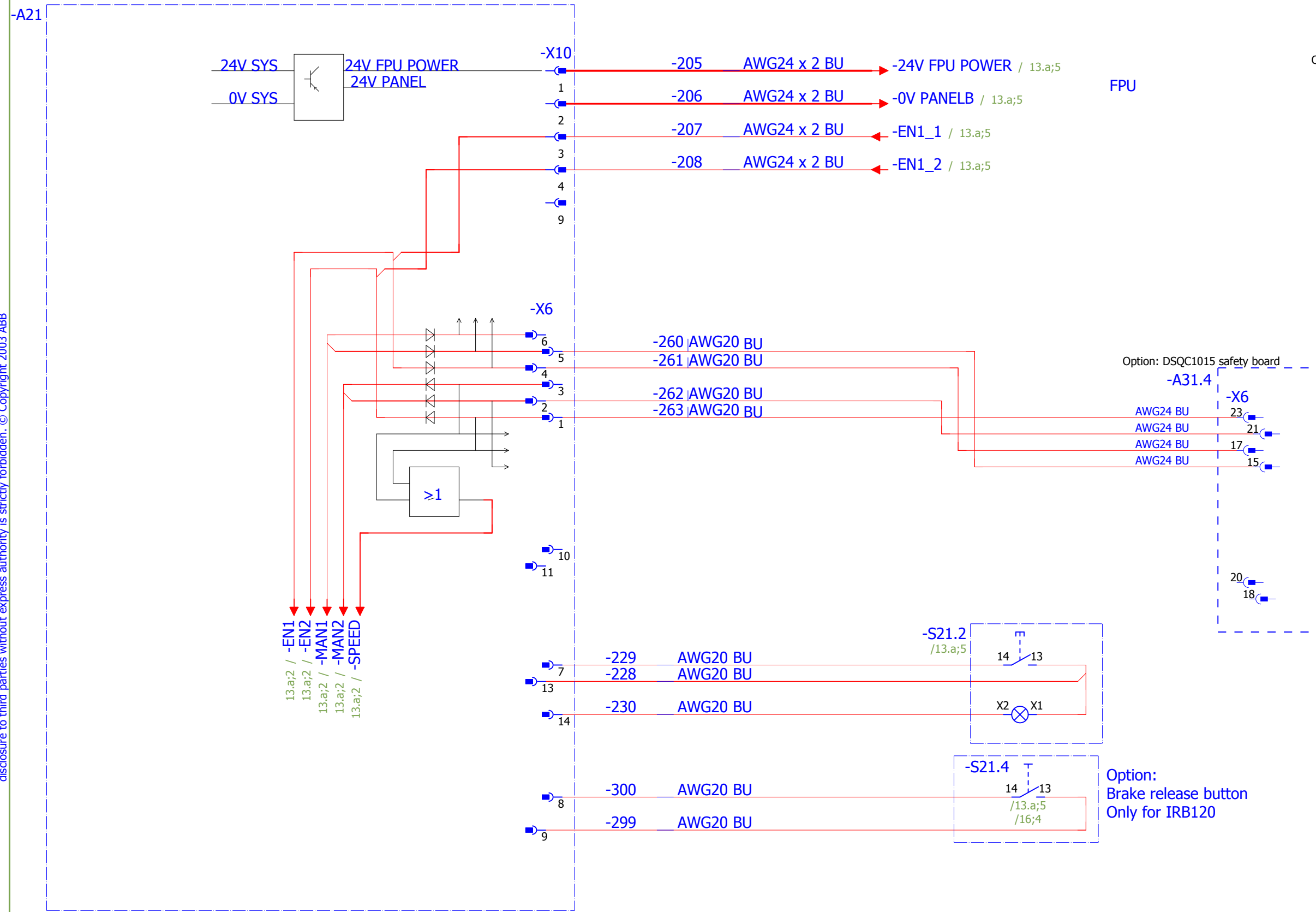
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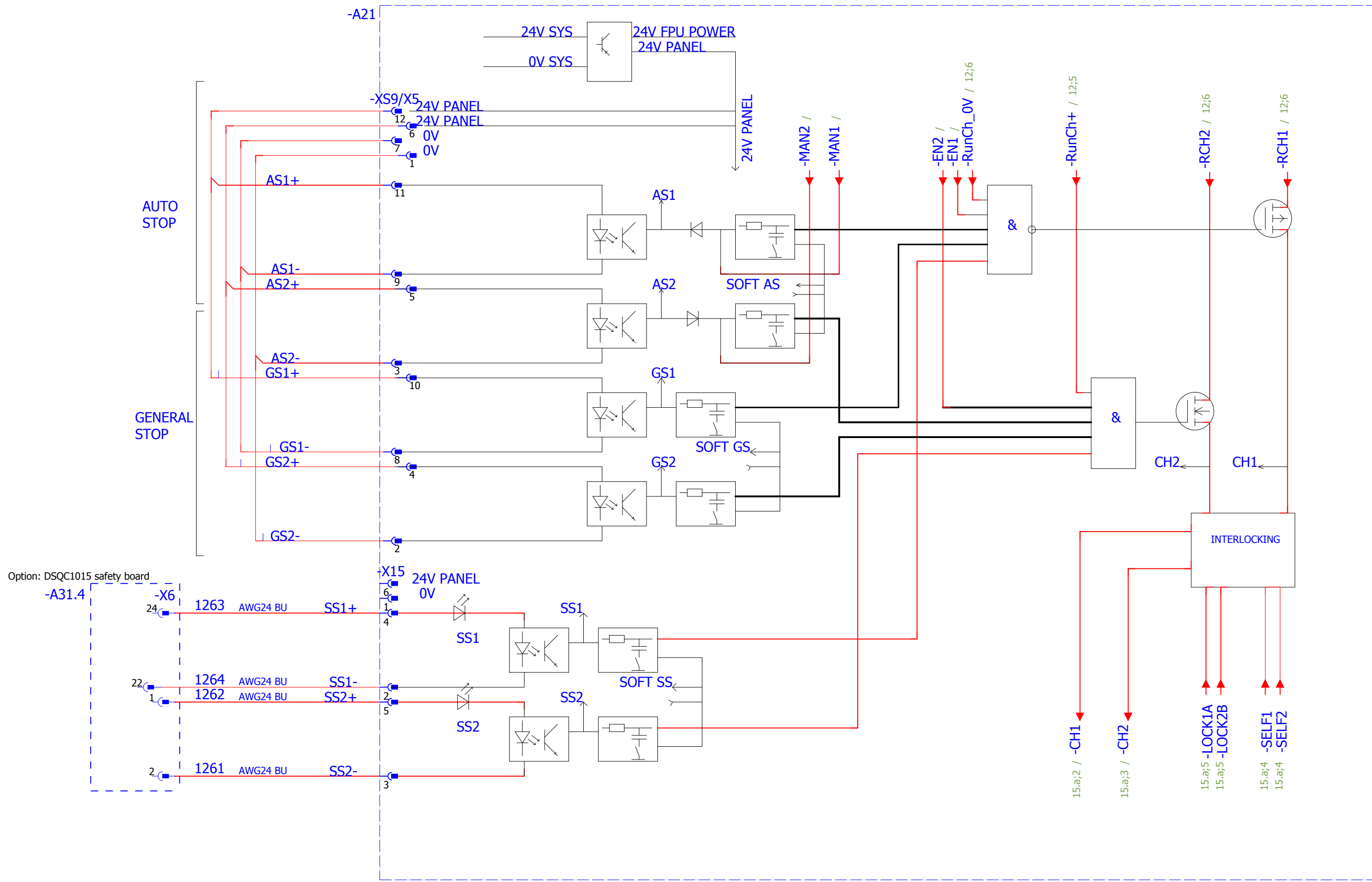
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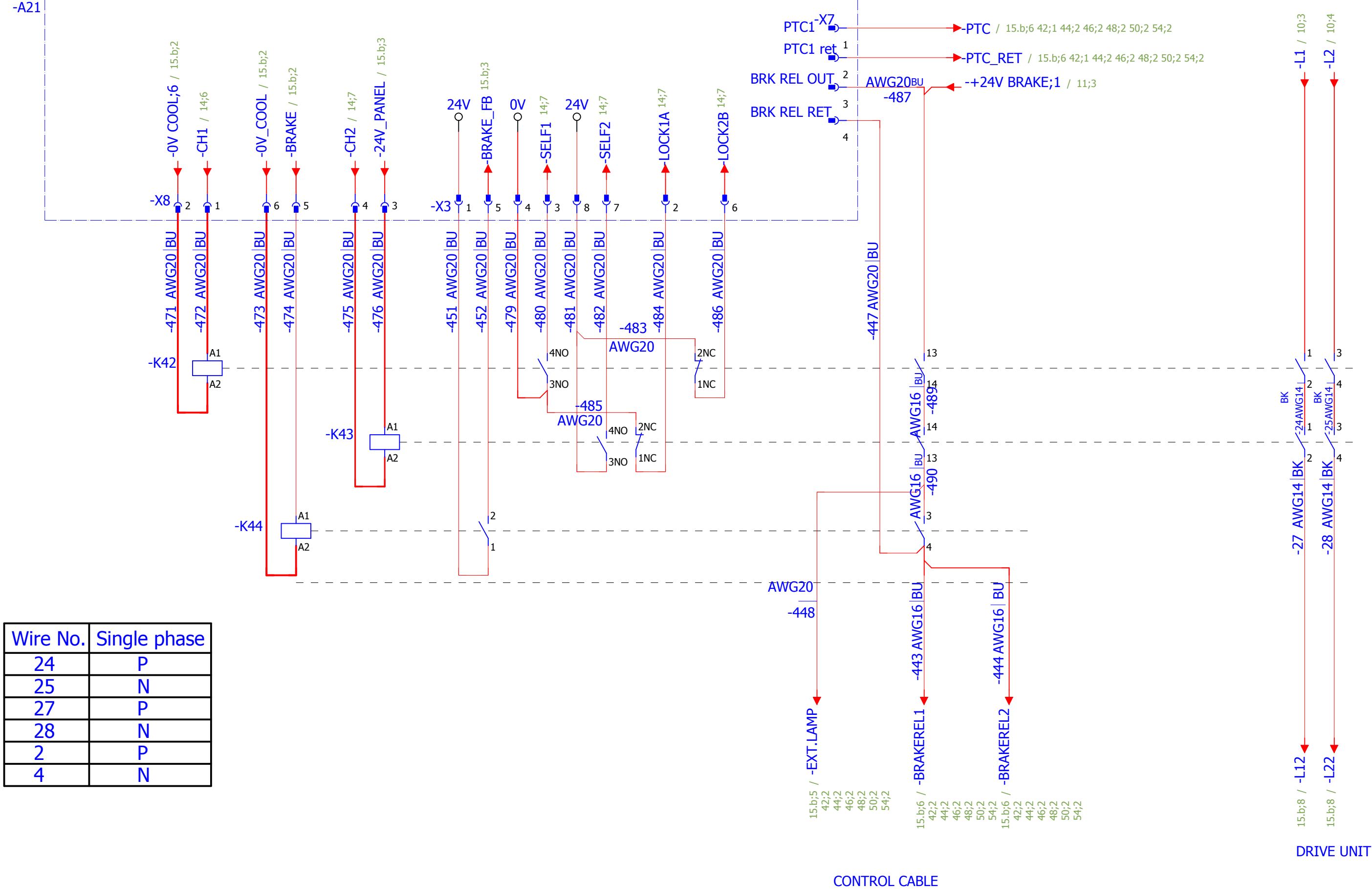
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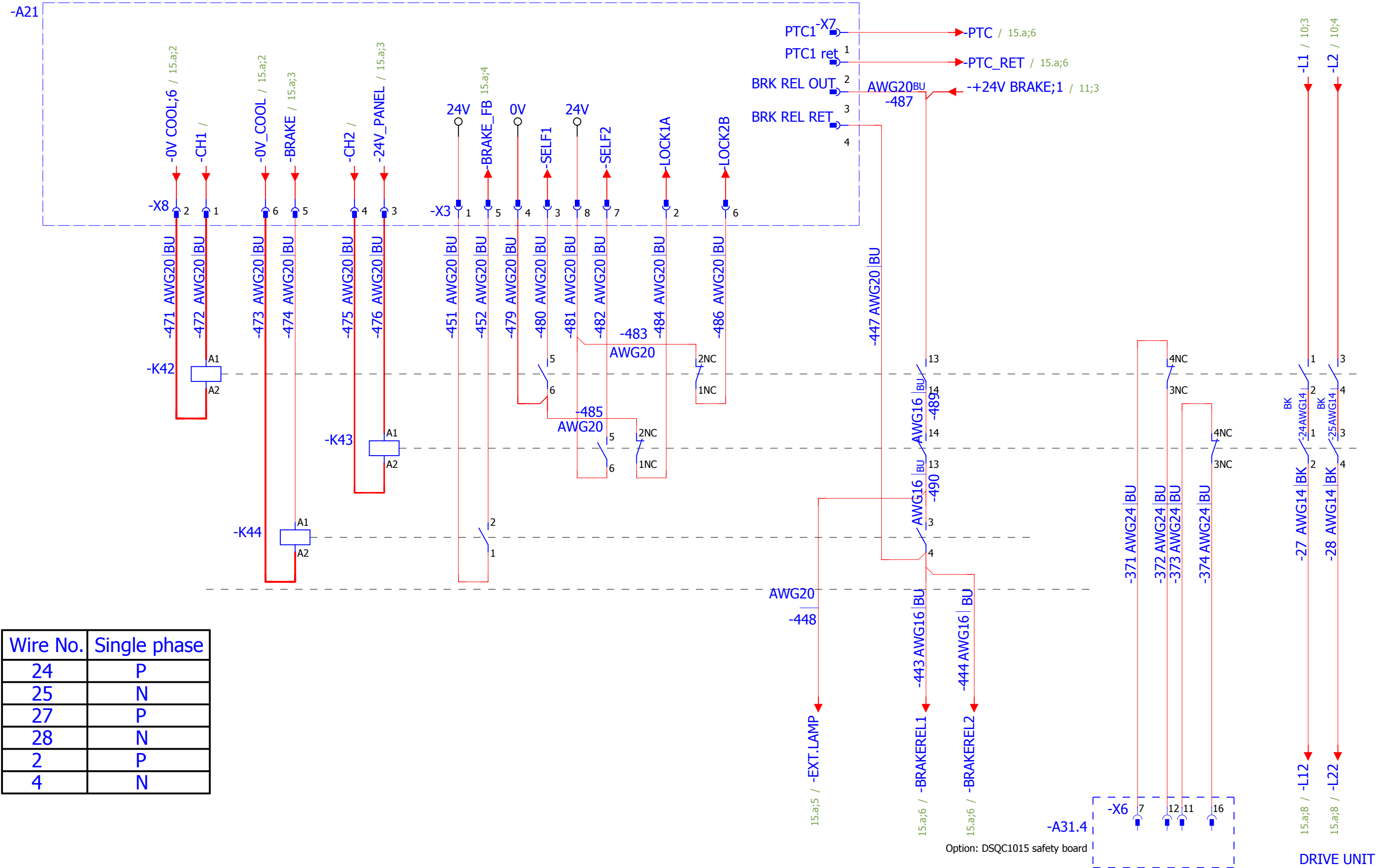
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POWER UNIT SERVO DISCONNECTOR, Option-Safemove

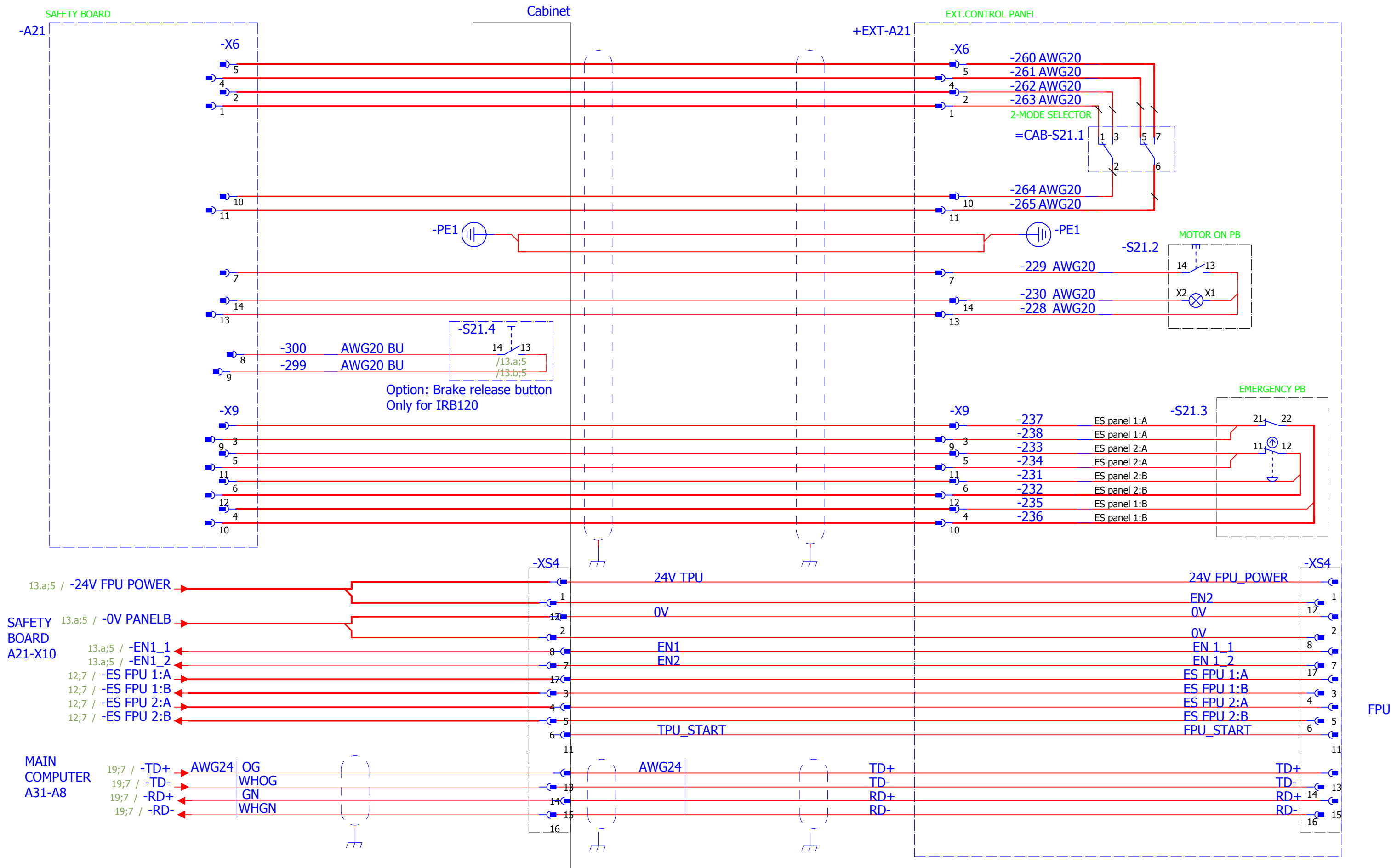
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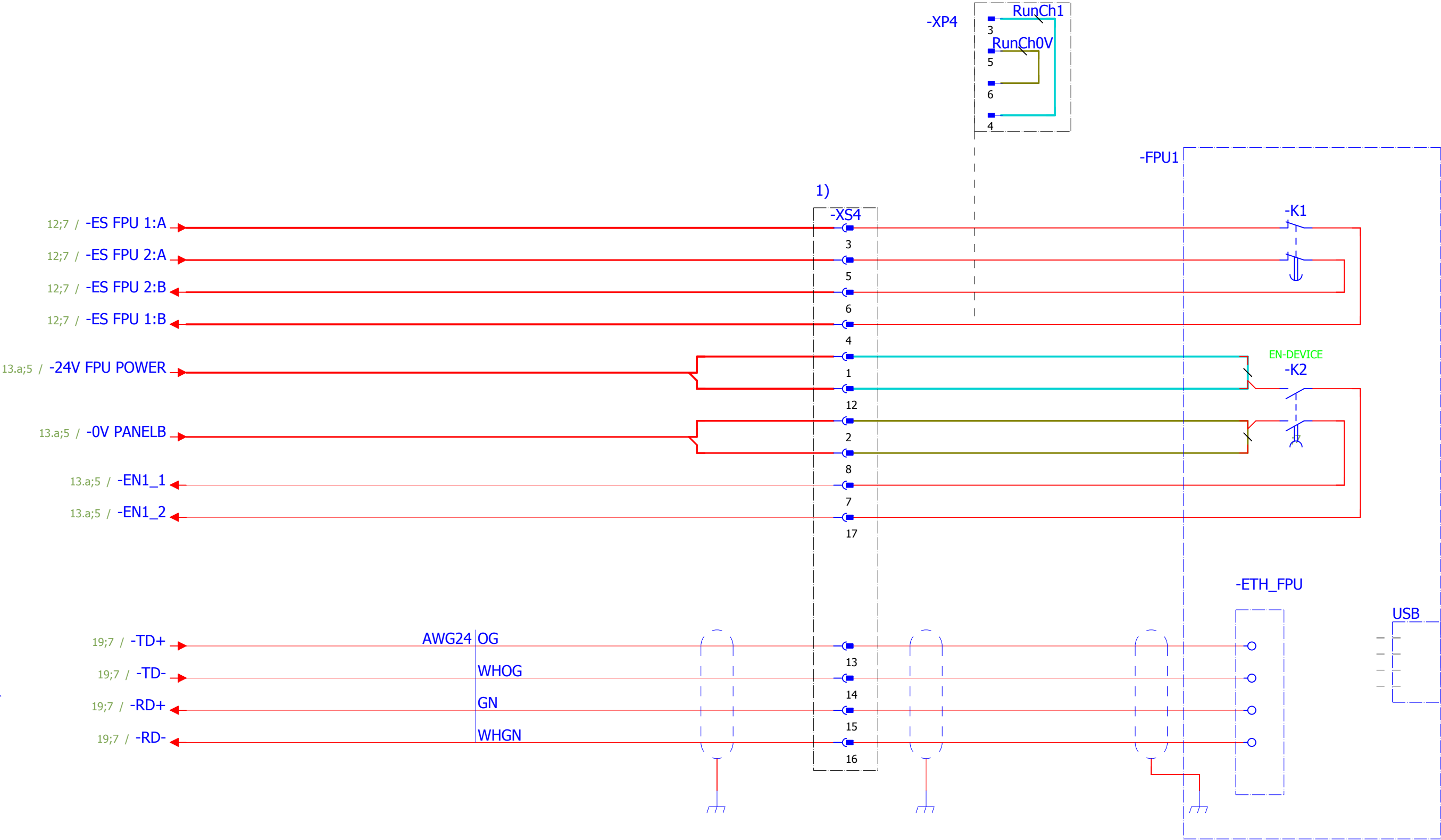
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MAIN  
COMPUTER  
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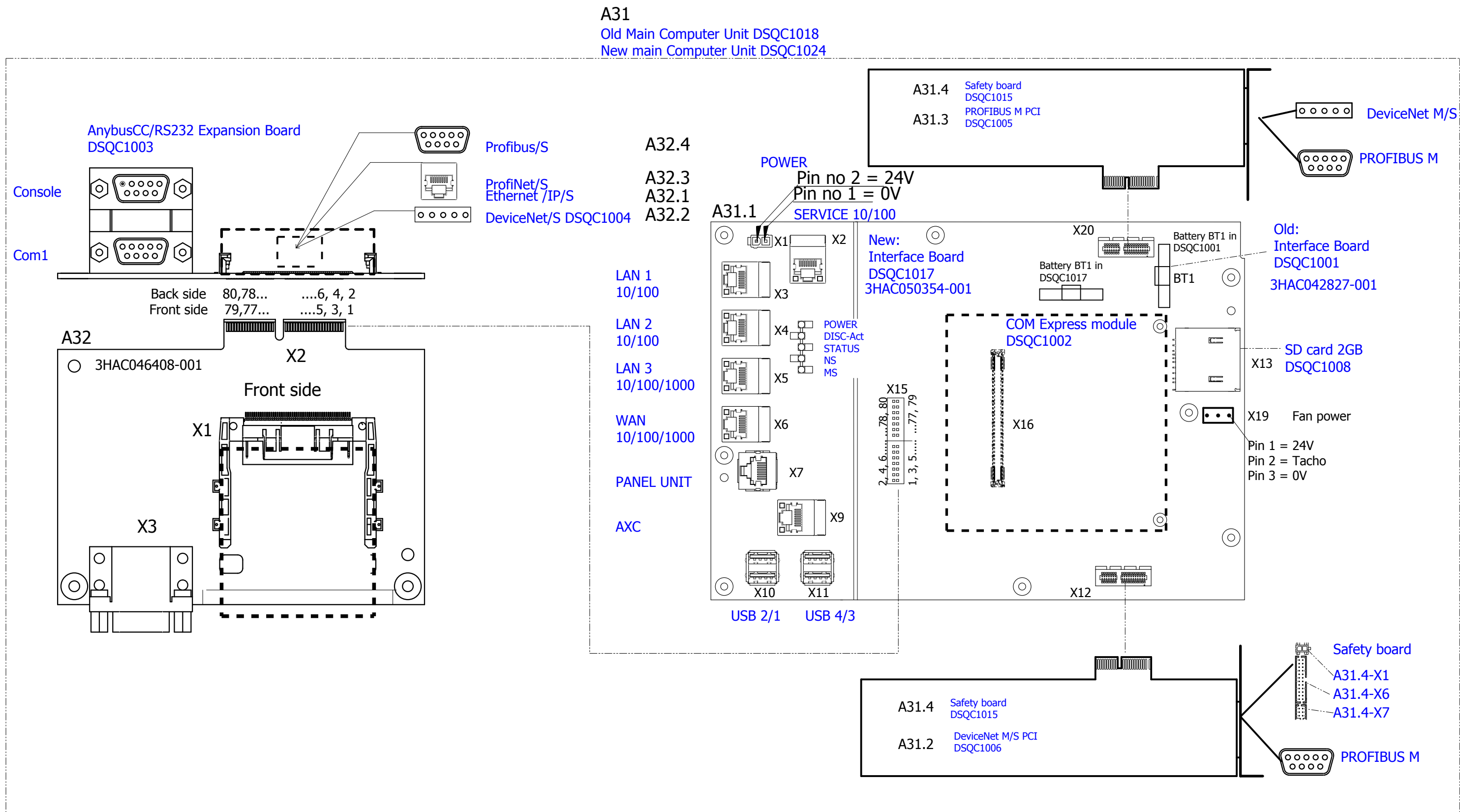
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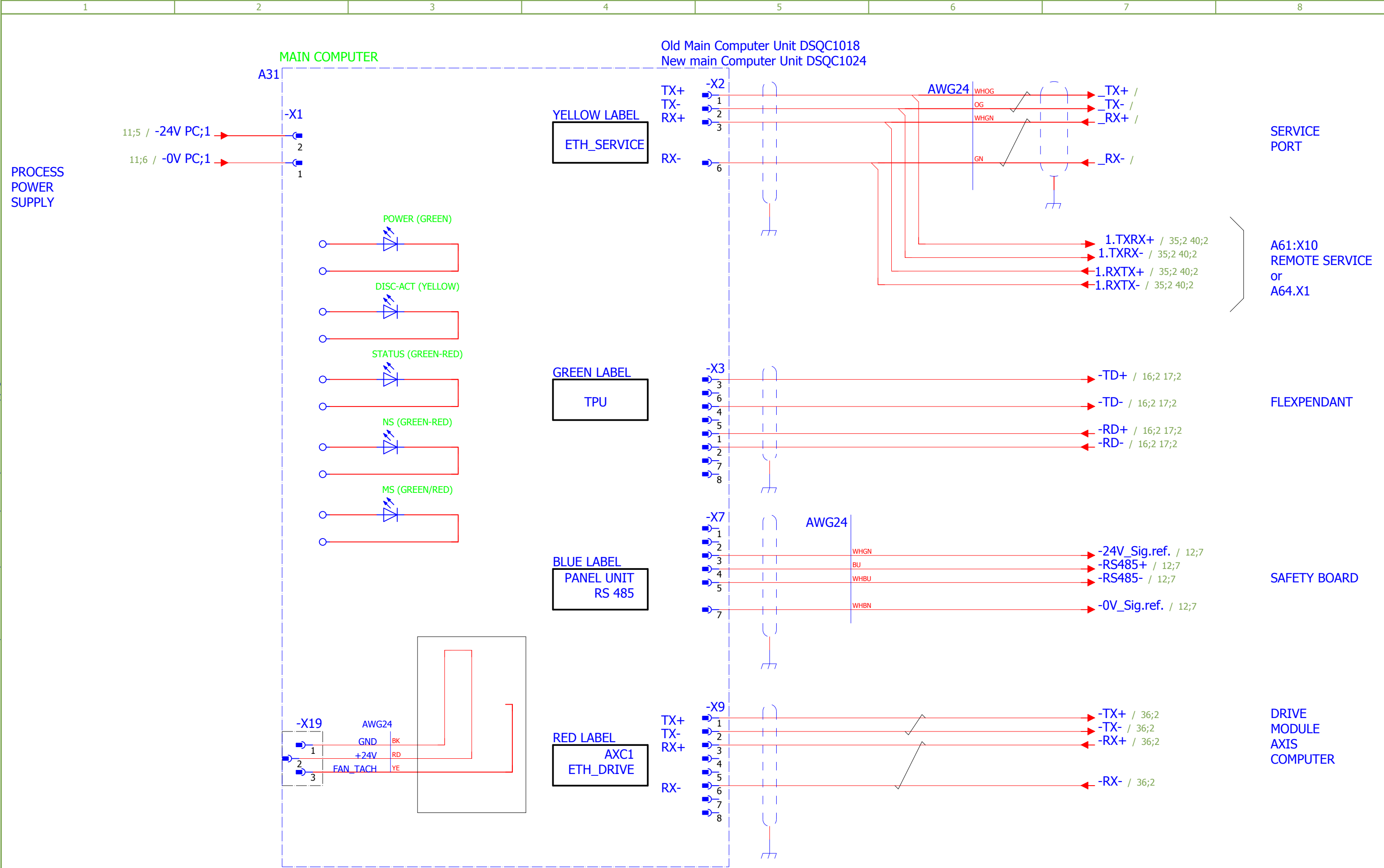
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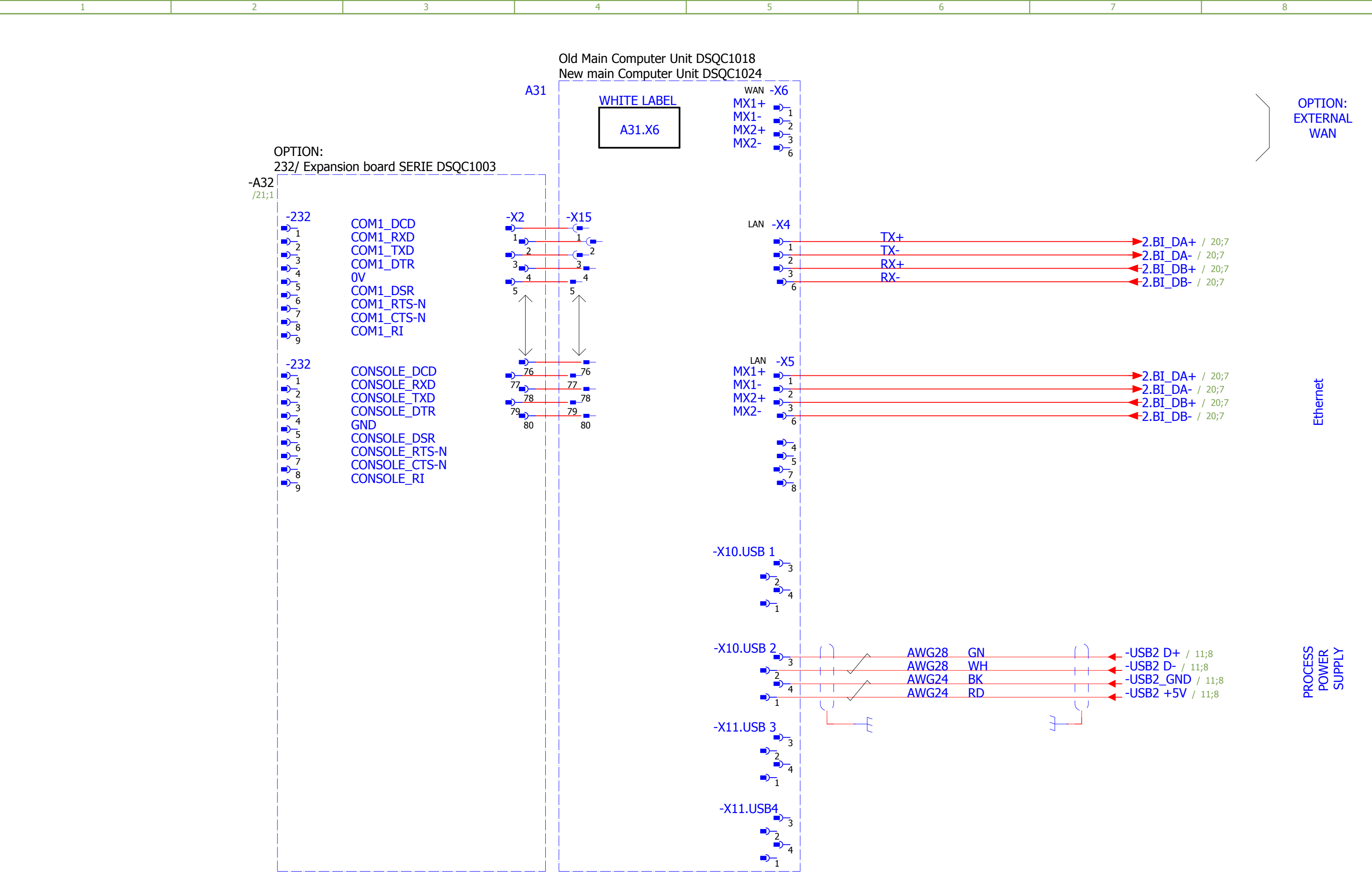
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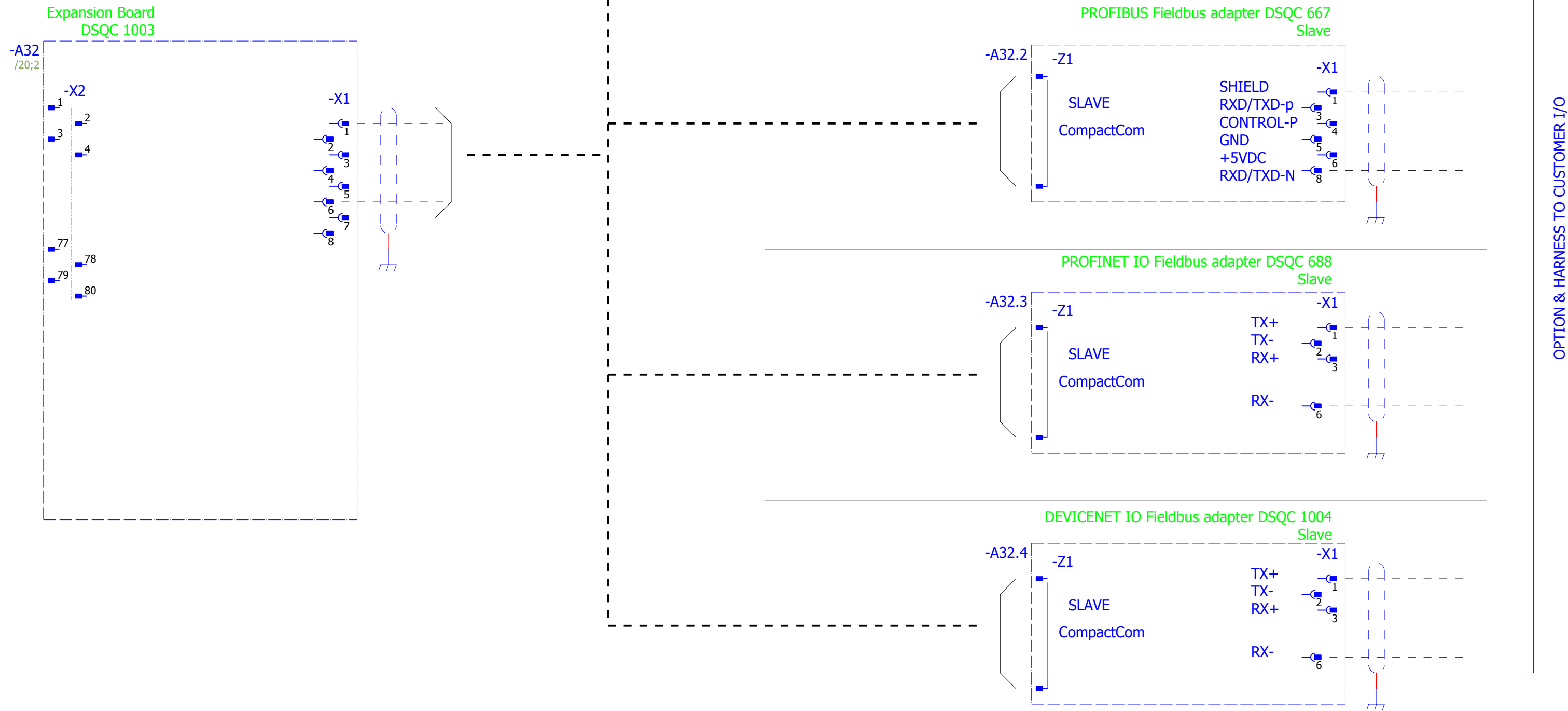
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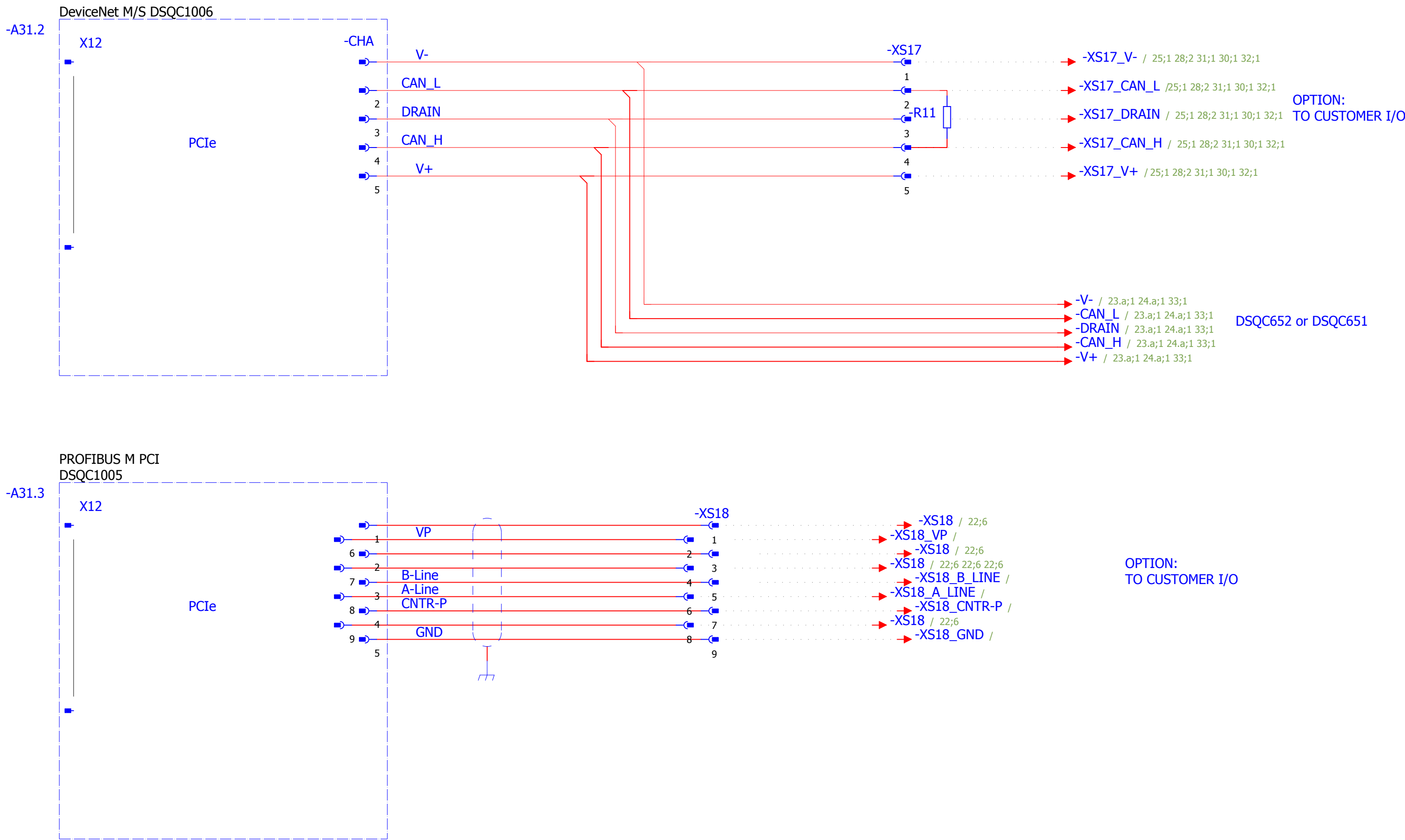
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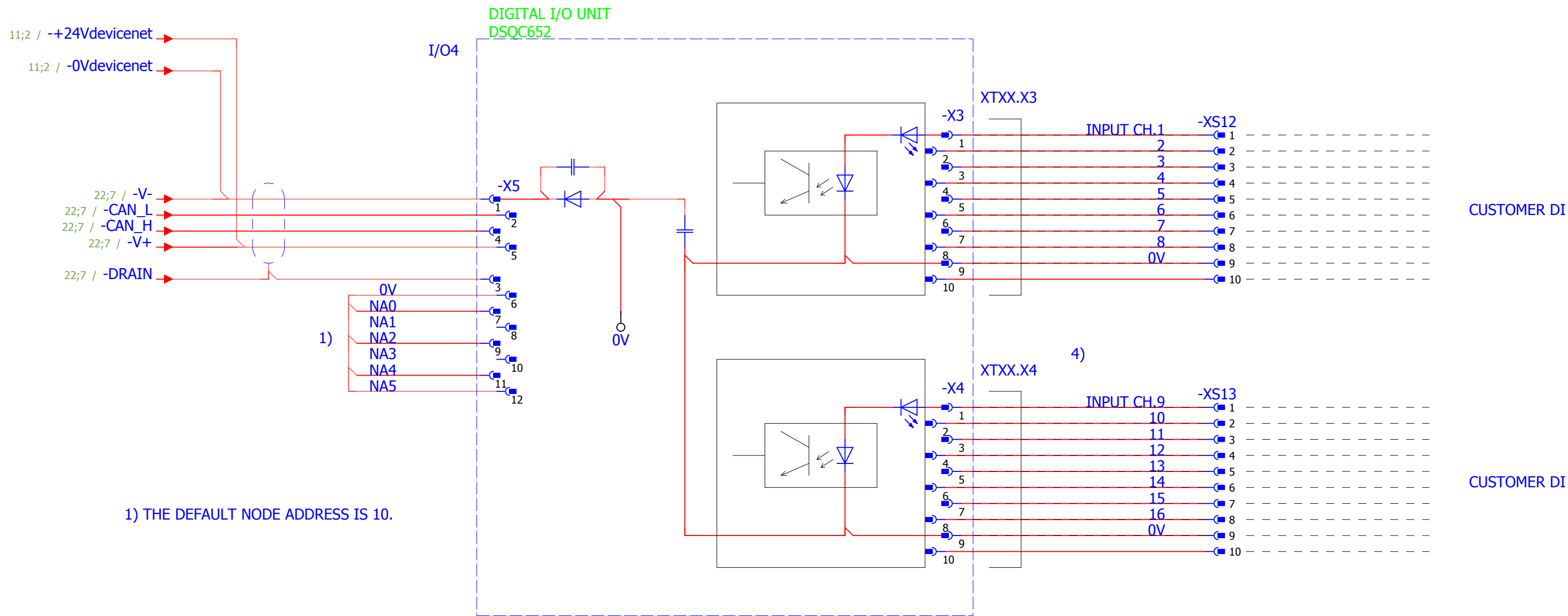
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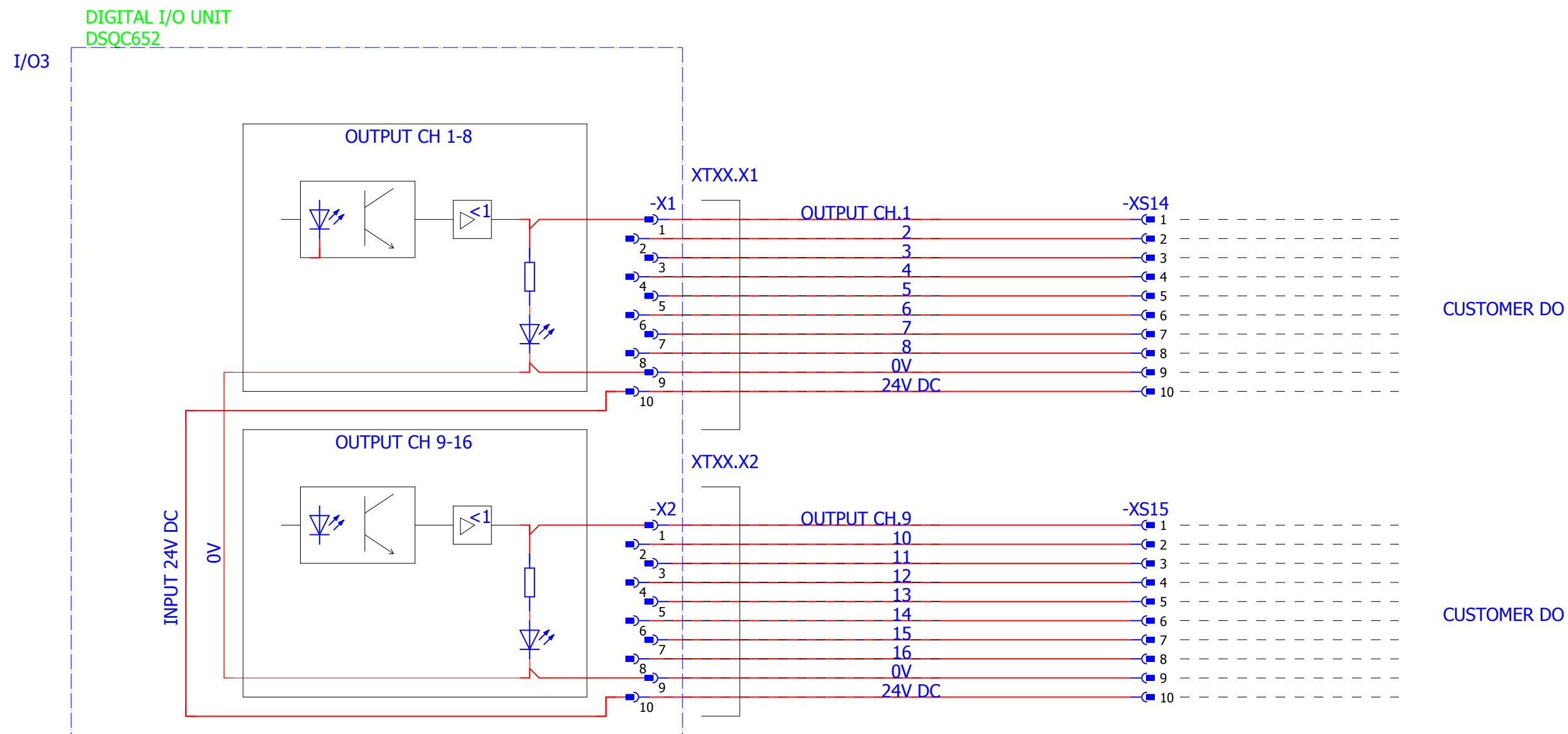
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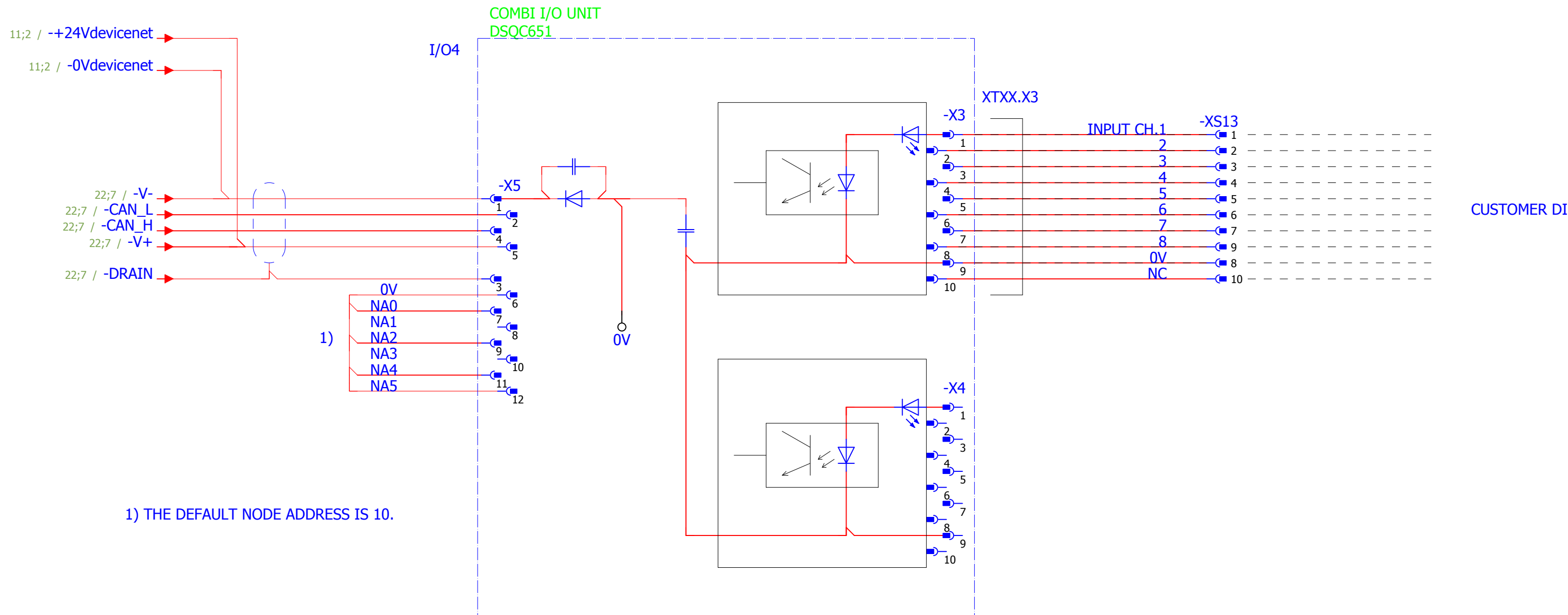
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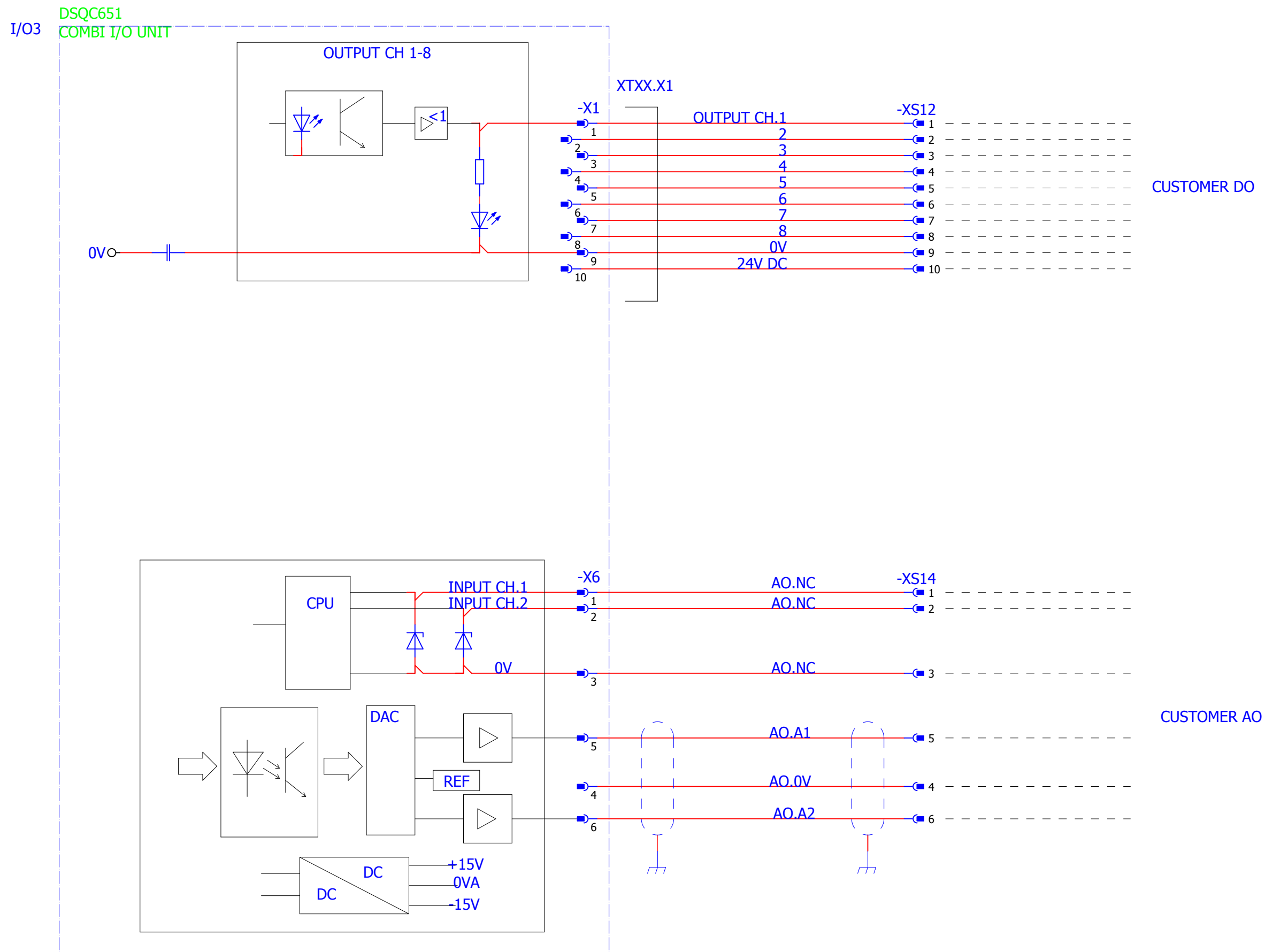


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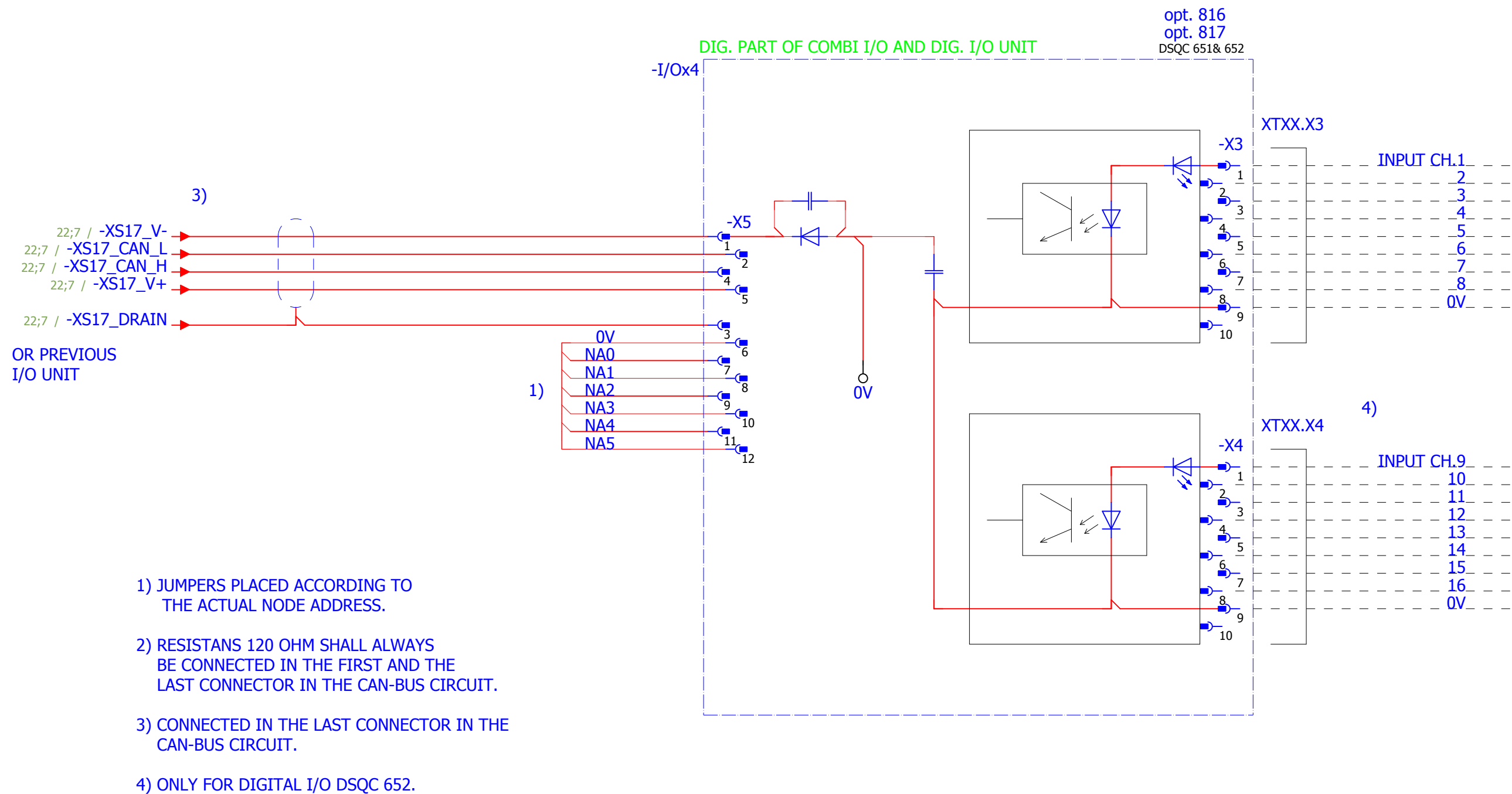
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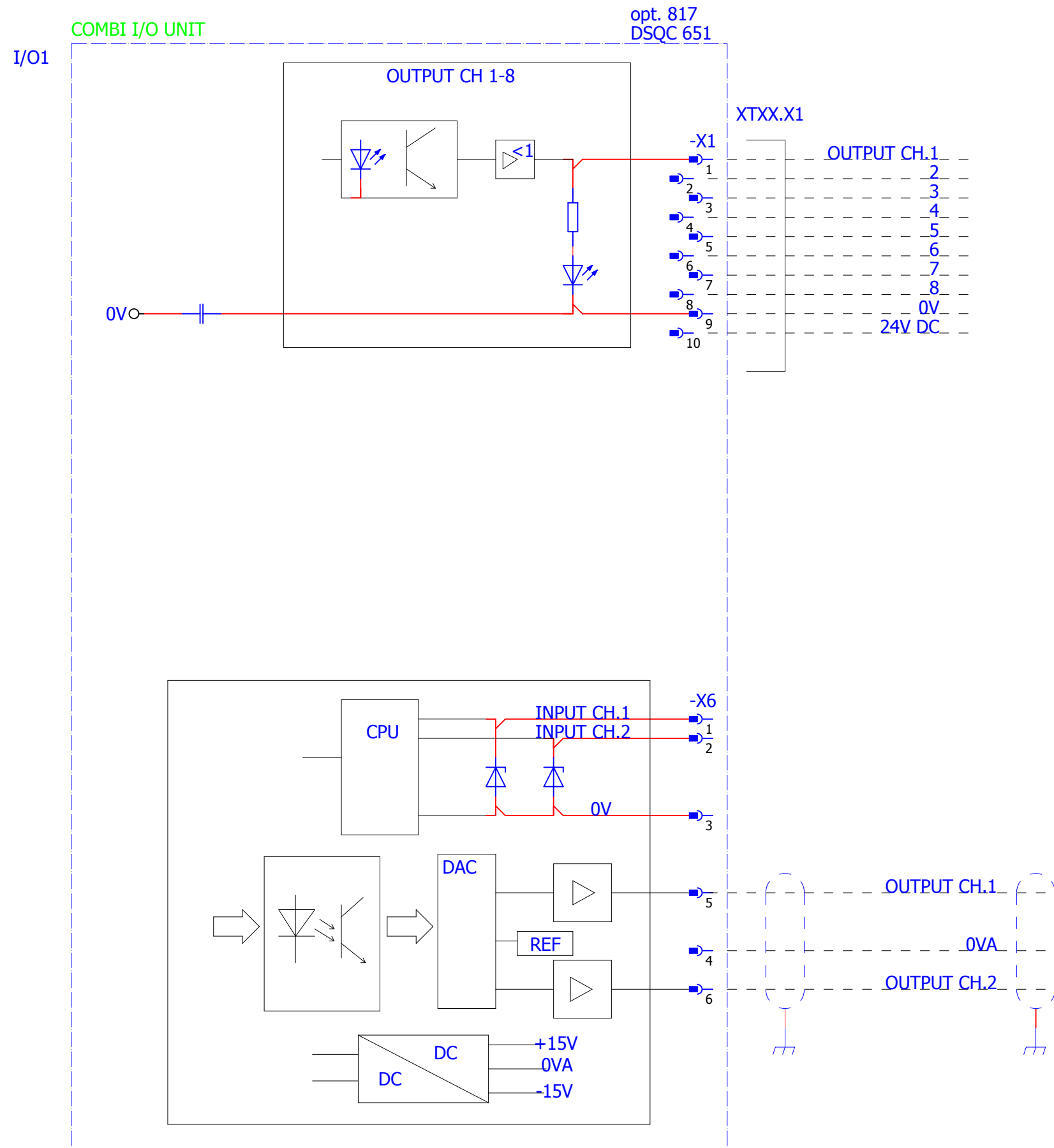
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COMBI I/O UNIT DSQC651

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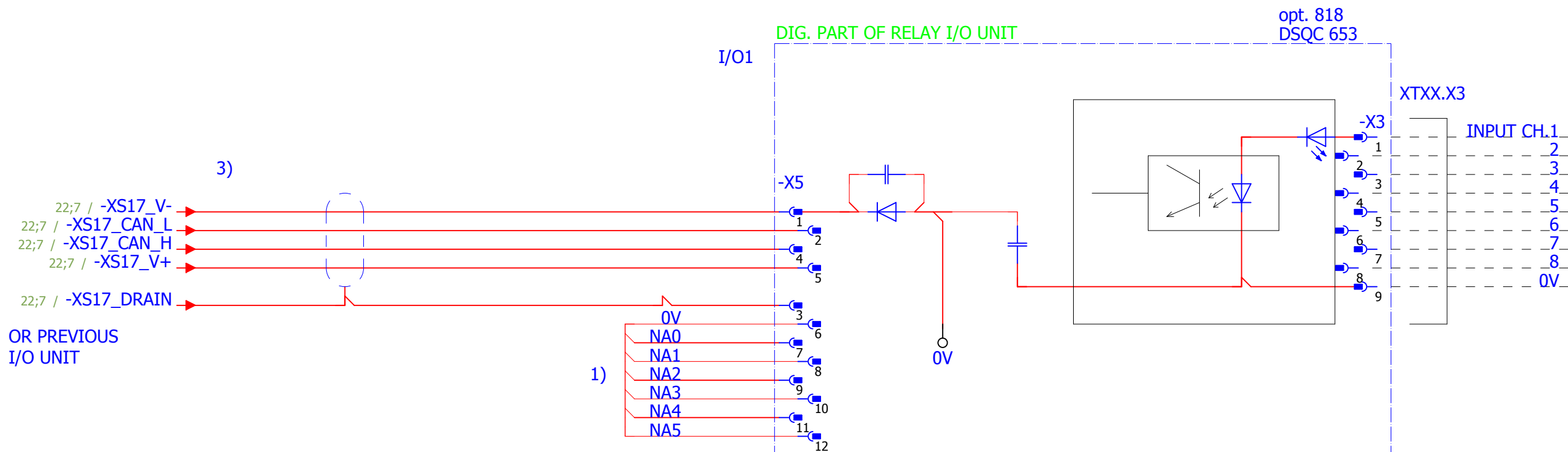
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- 1) JUMPERS PLACED ACCORDING TO THE ACTUAL NODE ADDRESS.
- 2) RESISTANS 120 OHM SHALL ALWAYS BE CONNECTED IN THE FIRST AND THE LAST CONNECTOR IN THE CAN-BUS CIRCUIT.
- 3) CONNECTED IN THE LAST CONNECTOR IN THE CAN-BUS CIRCUIT.

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RELAY I/O UNIT DSQC653

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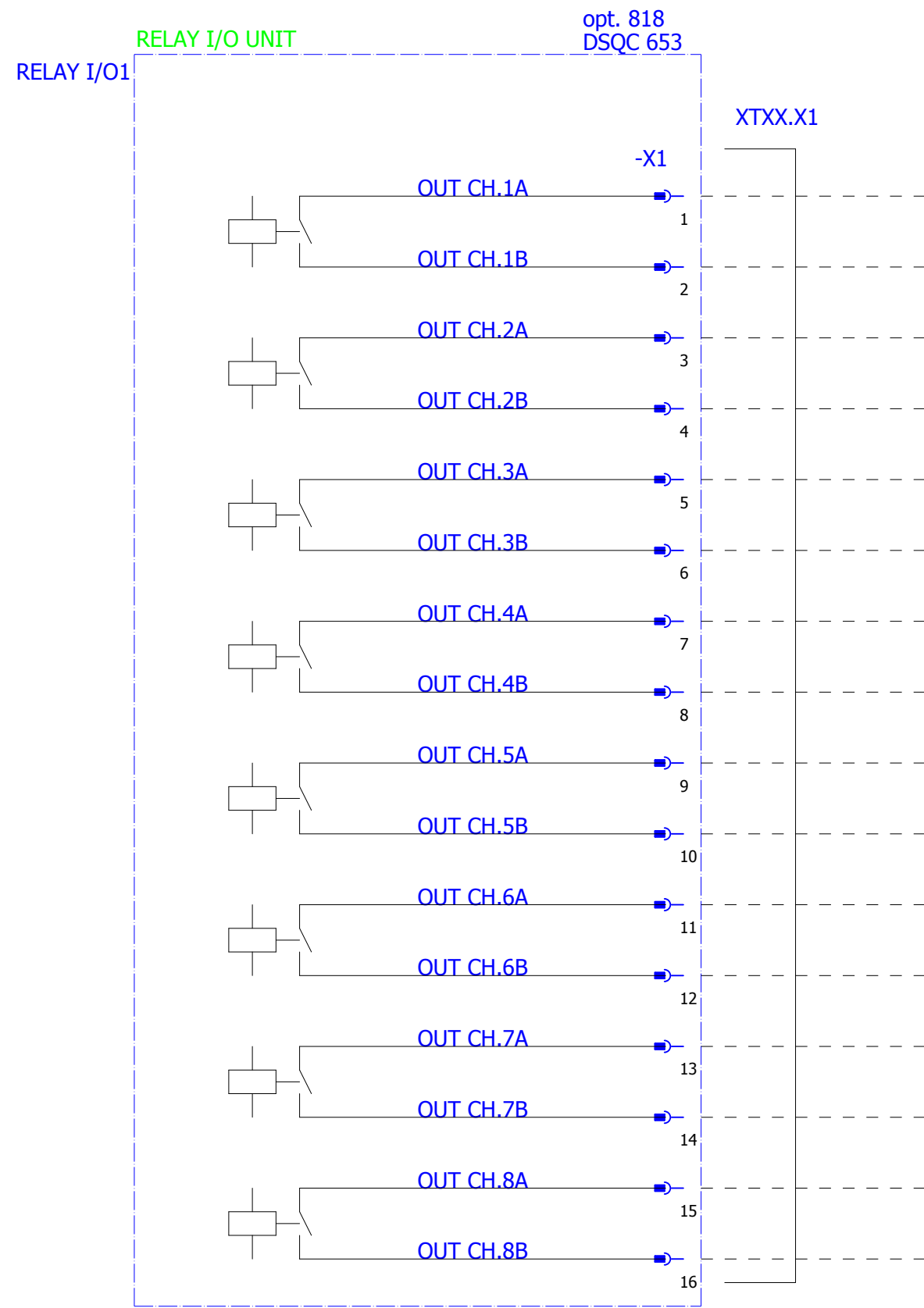
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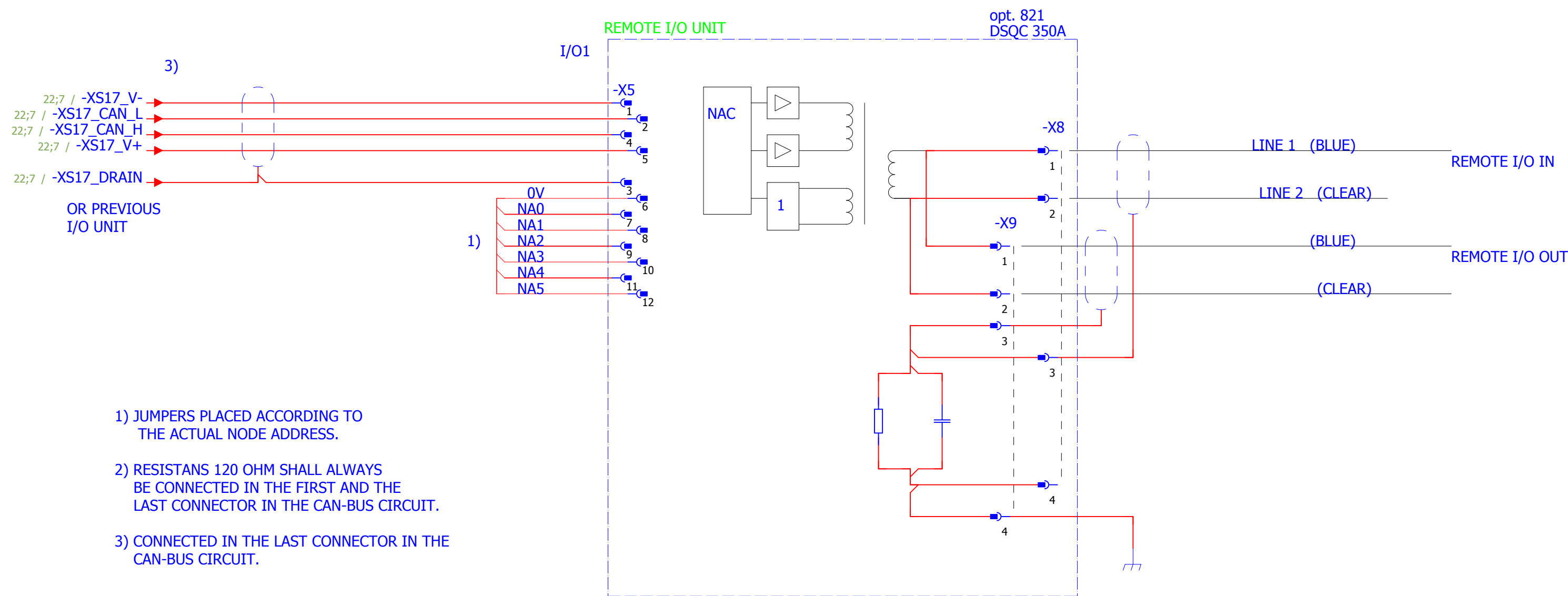
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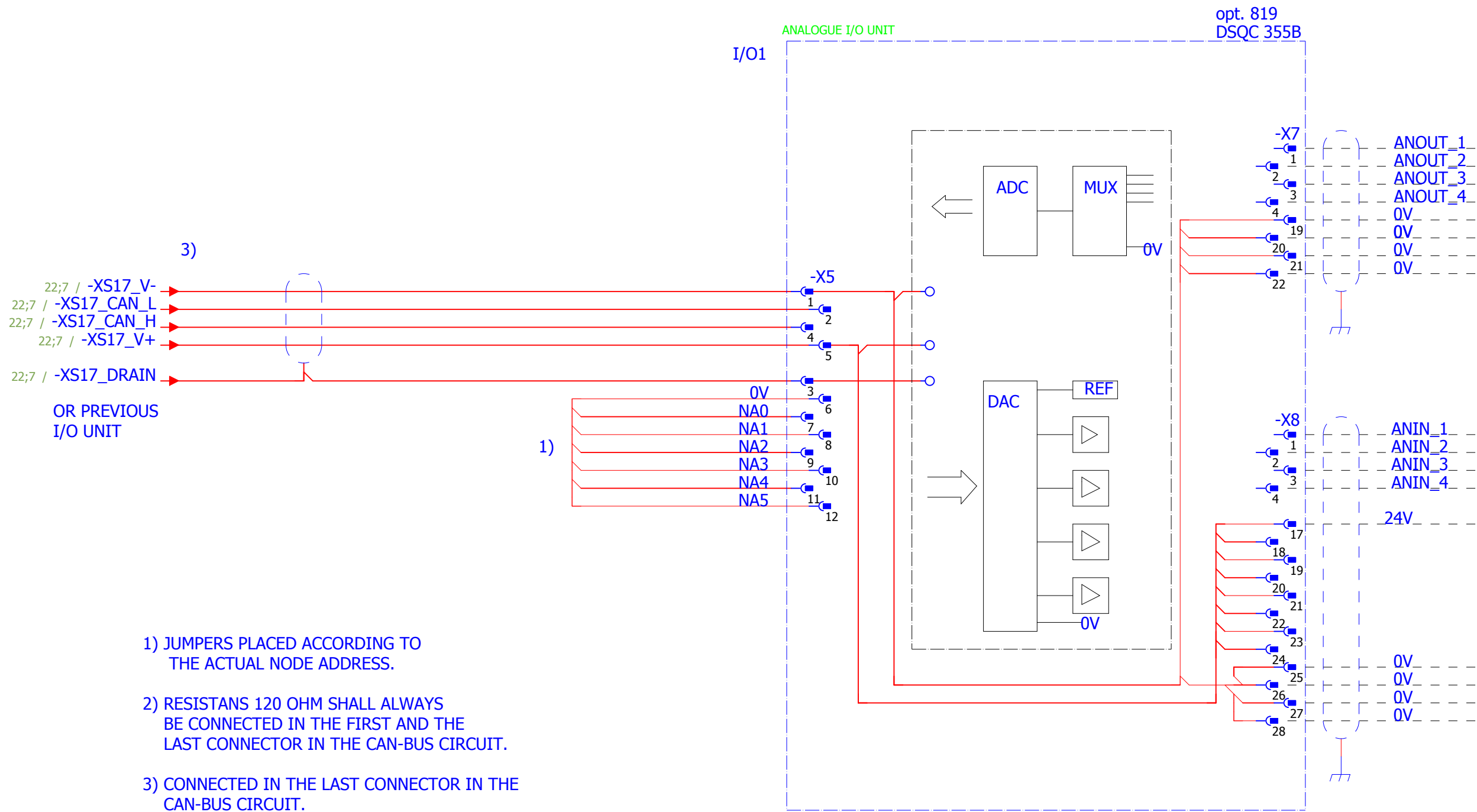


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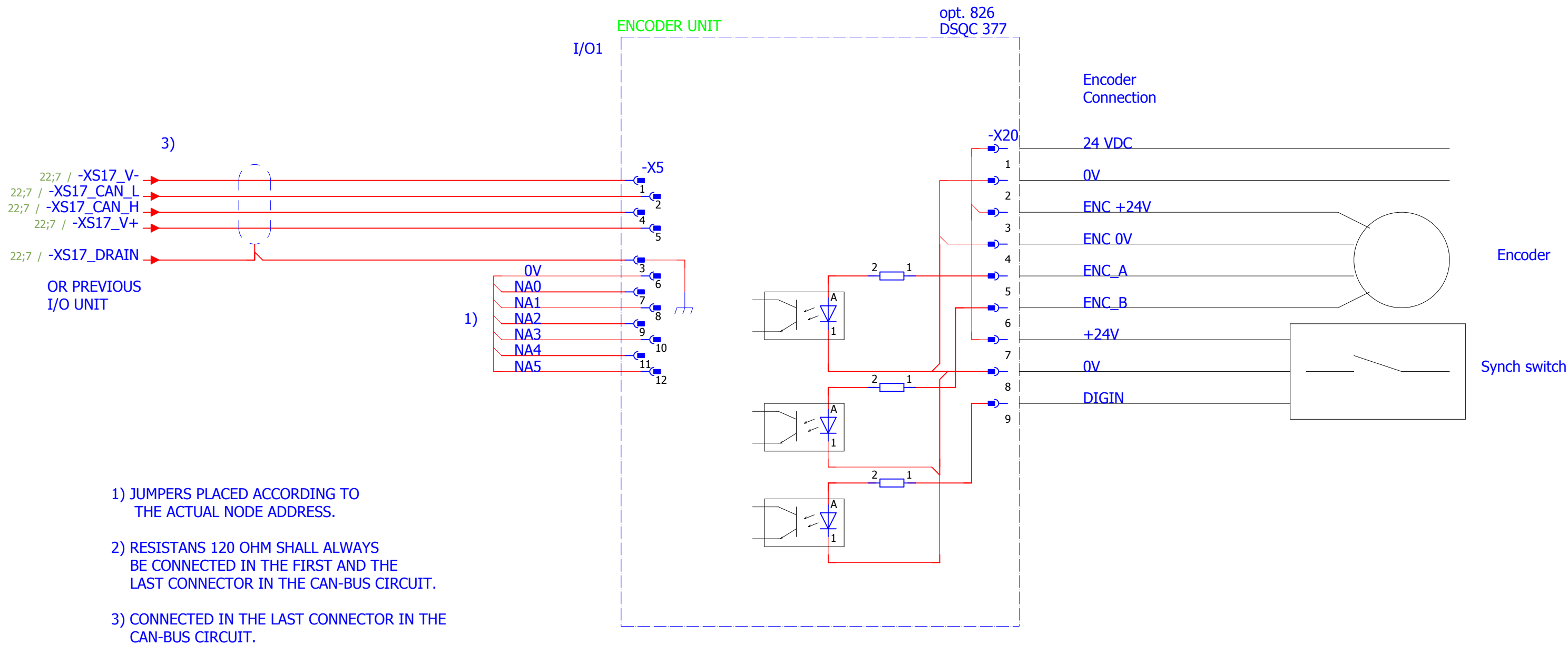
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3HAC049406-003

Plant:

Location: +  
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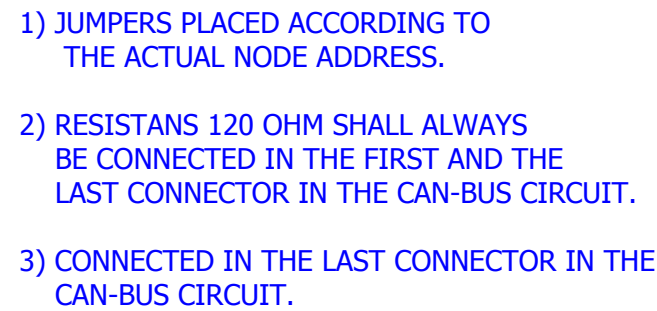
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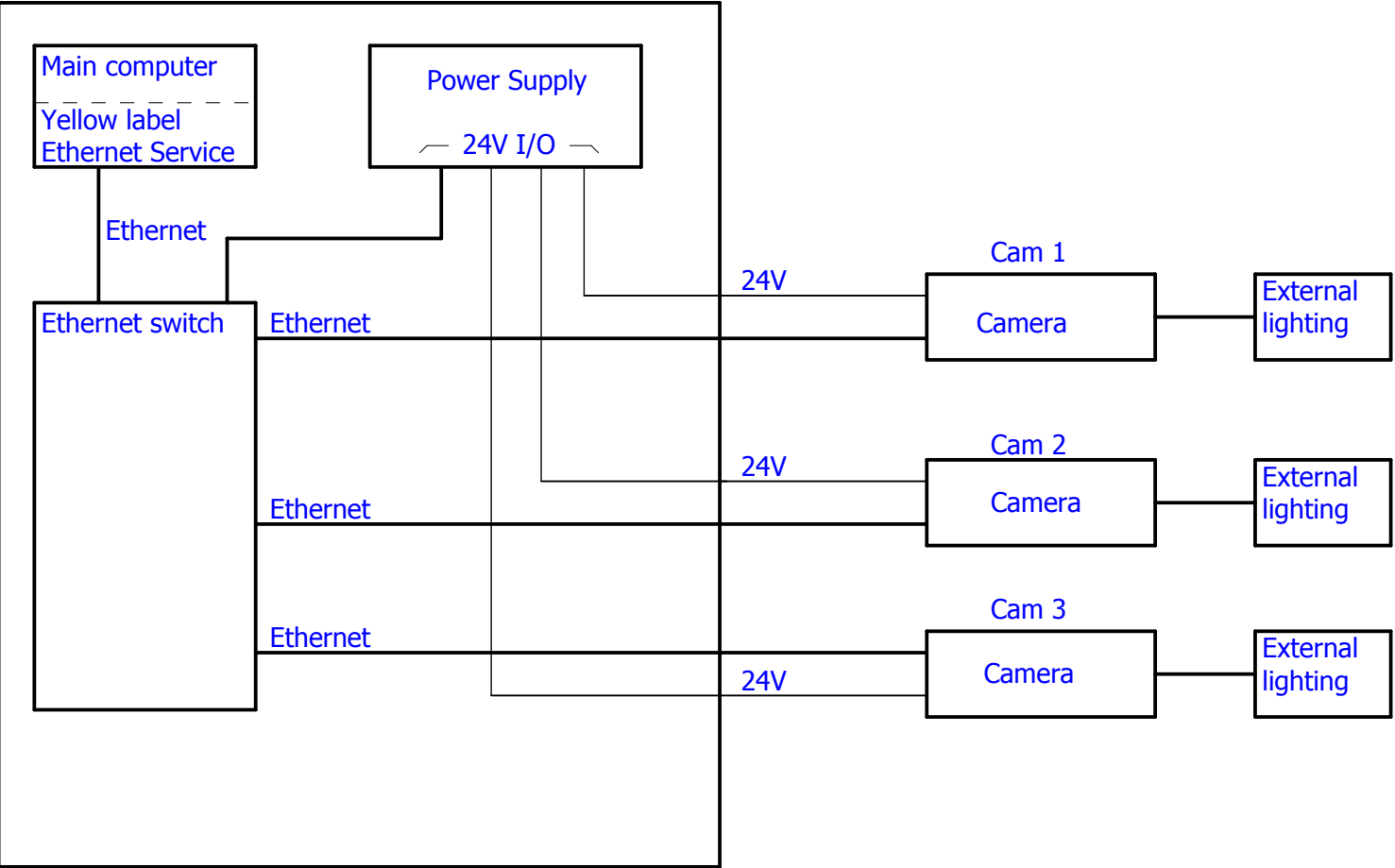
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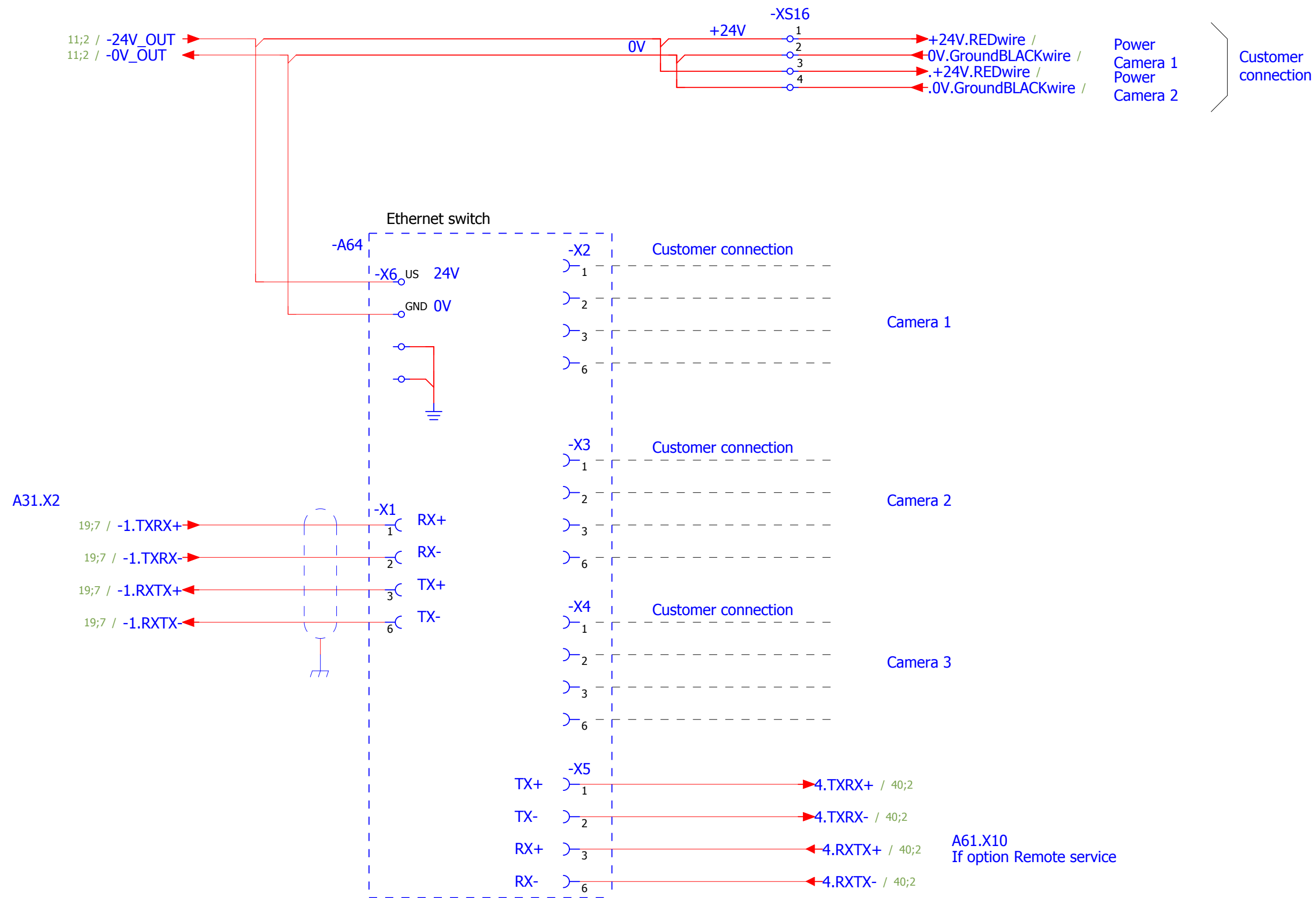


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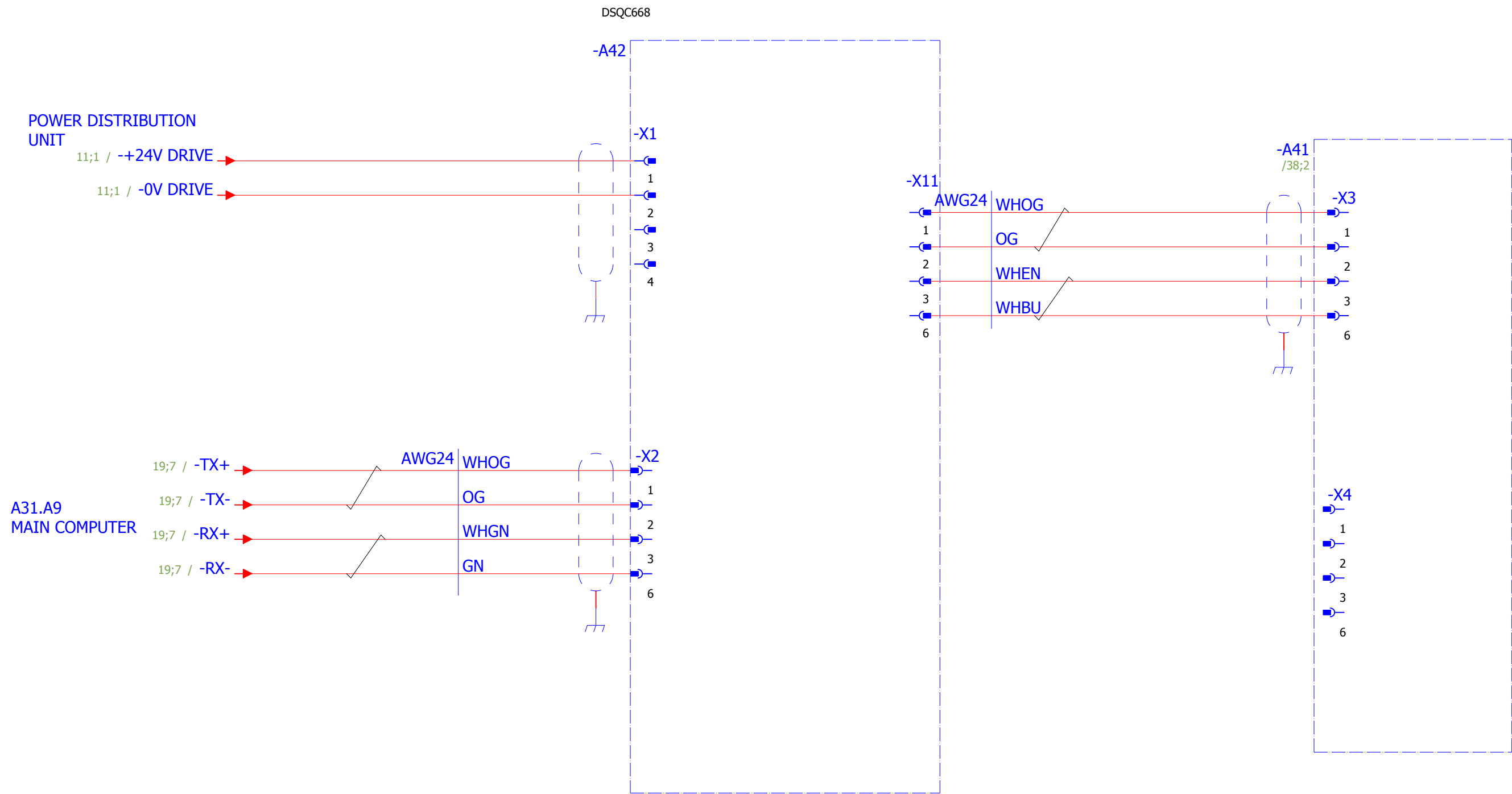
Robot controller



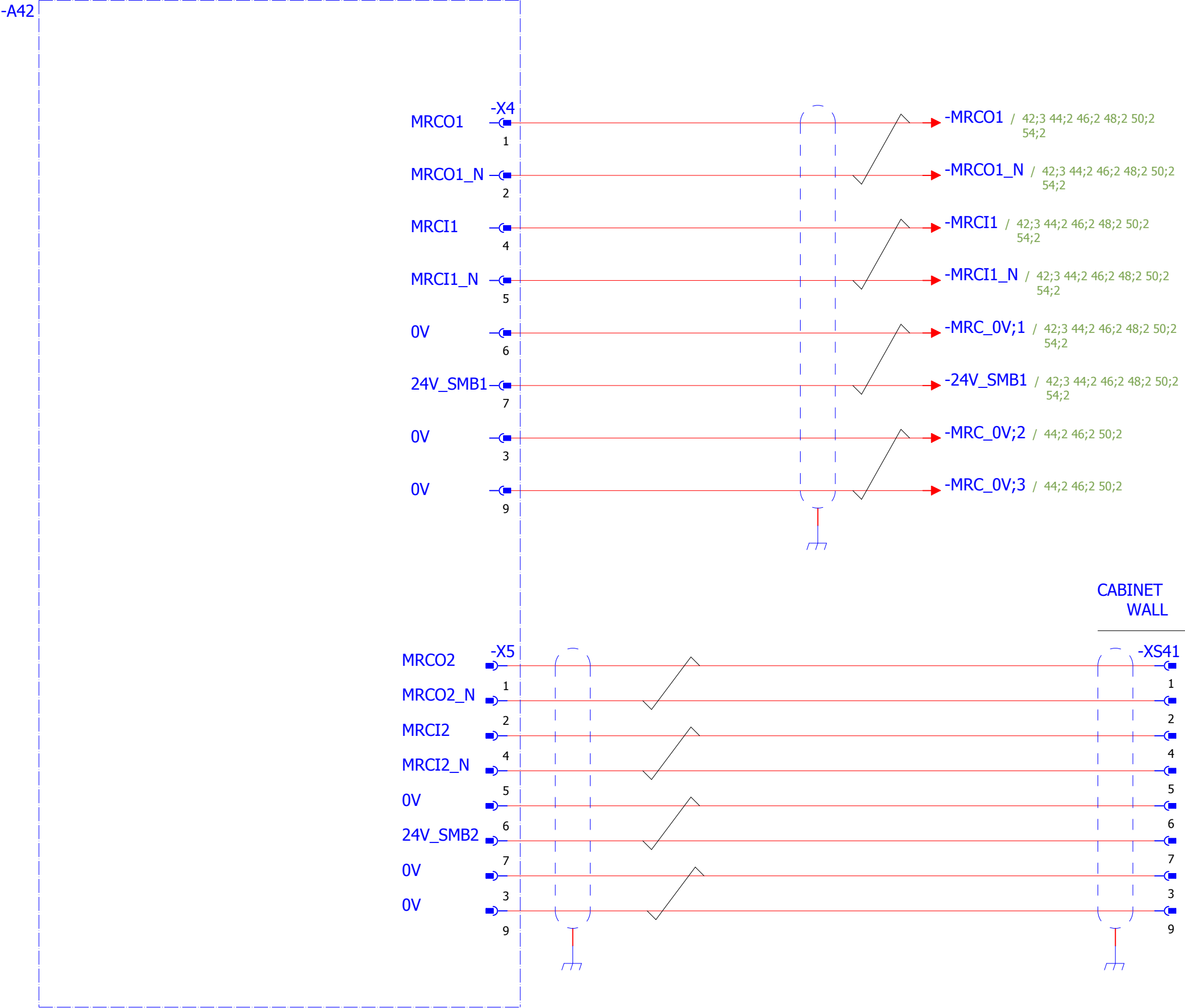
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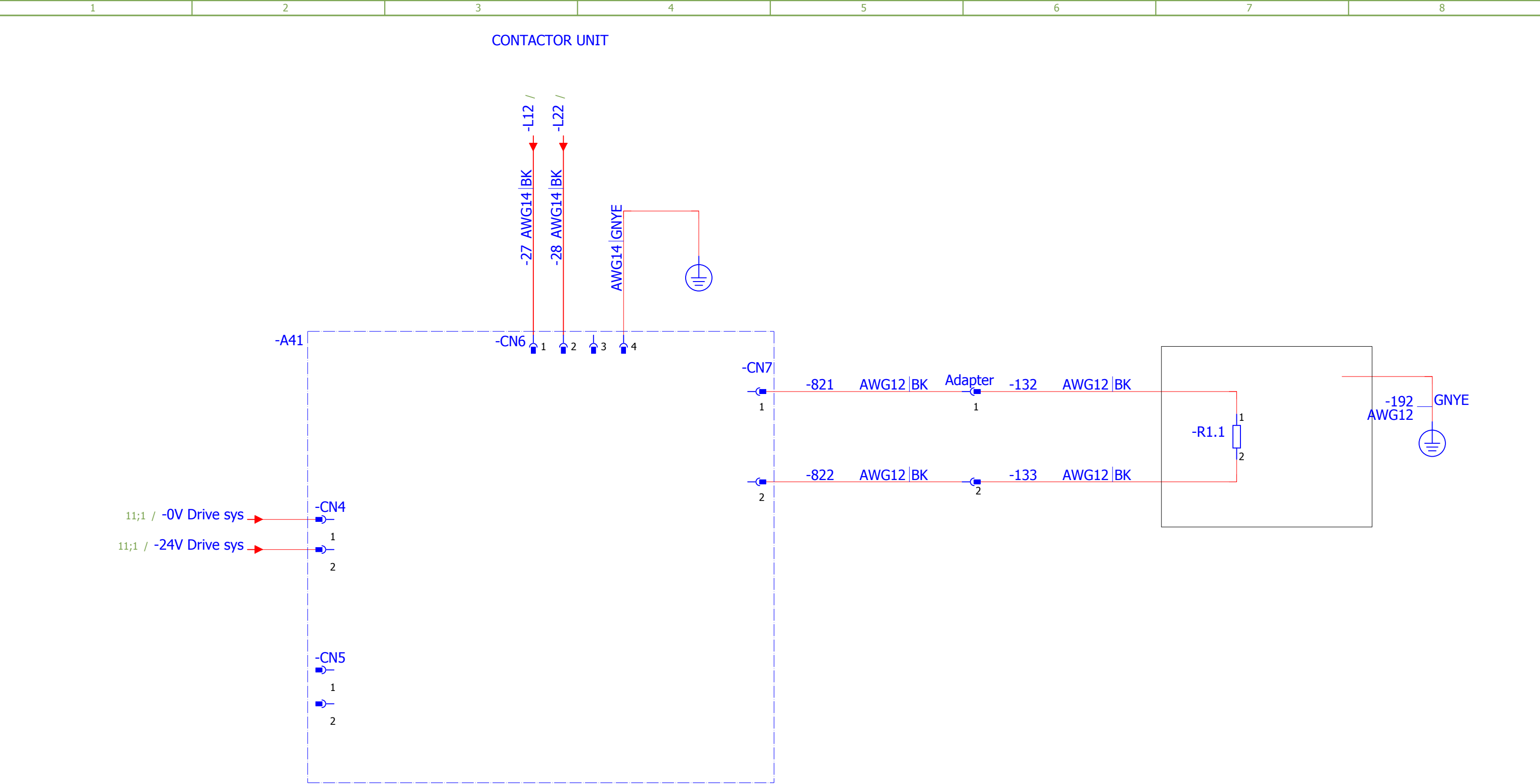
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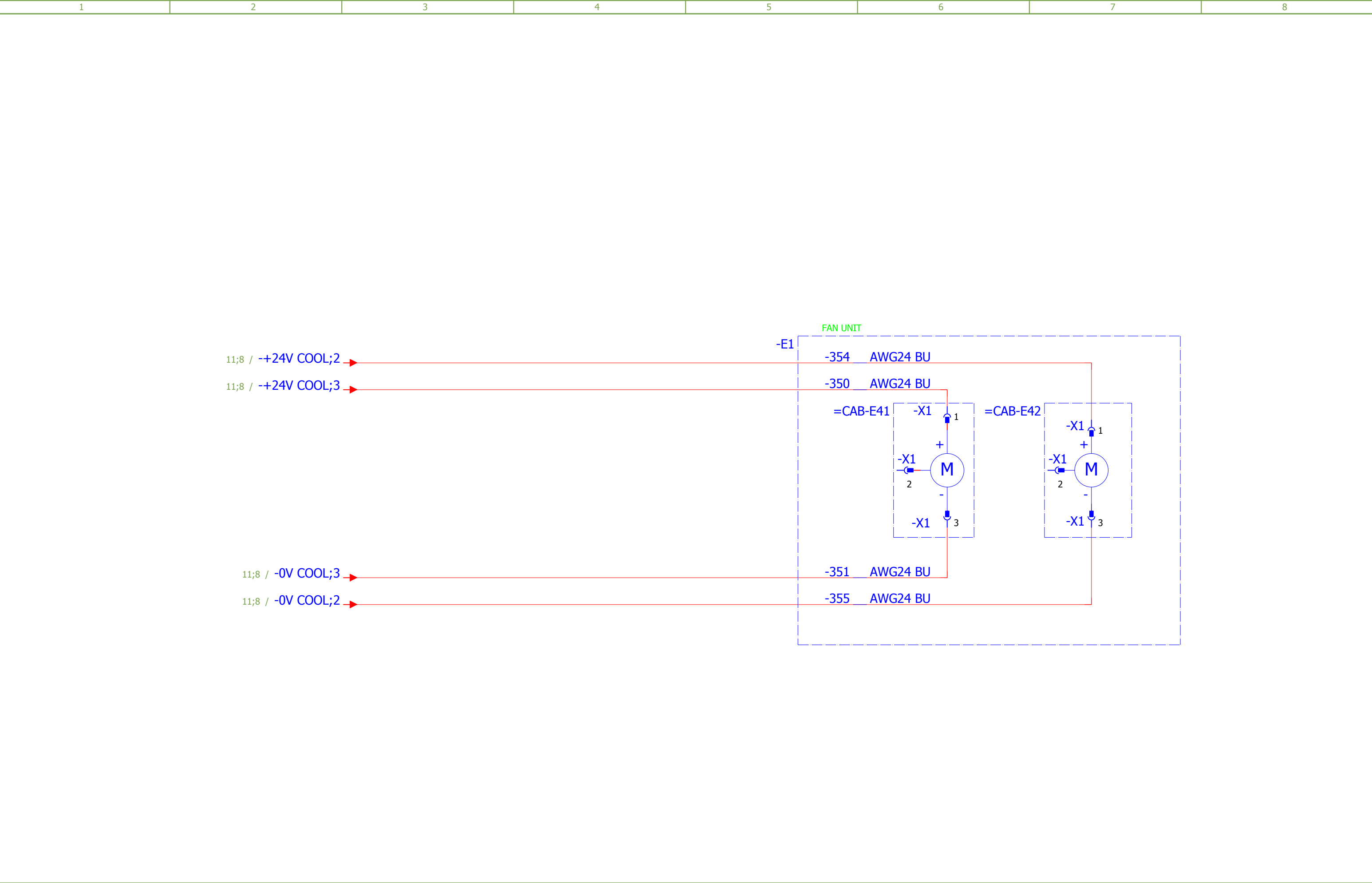


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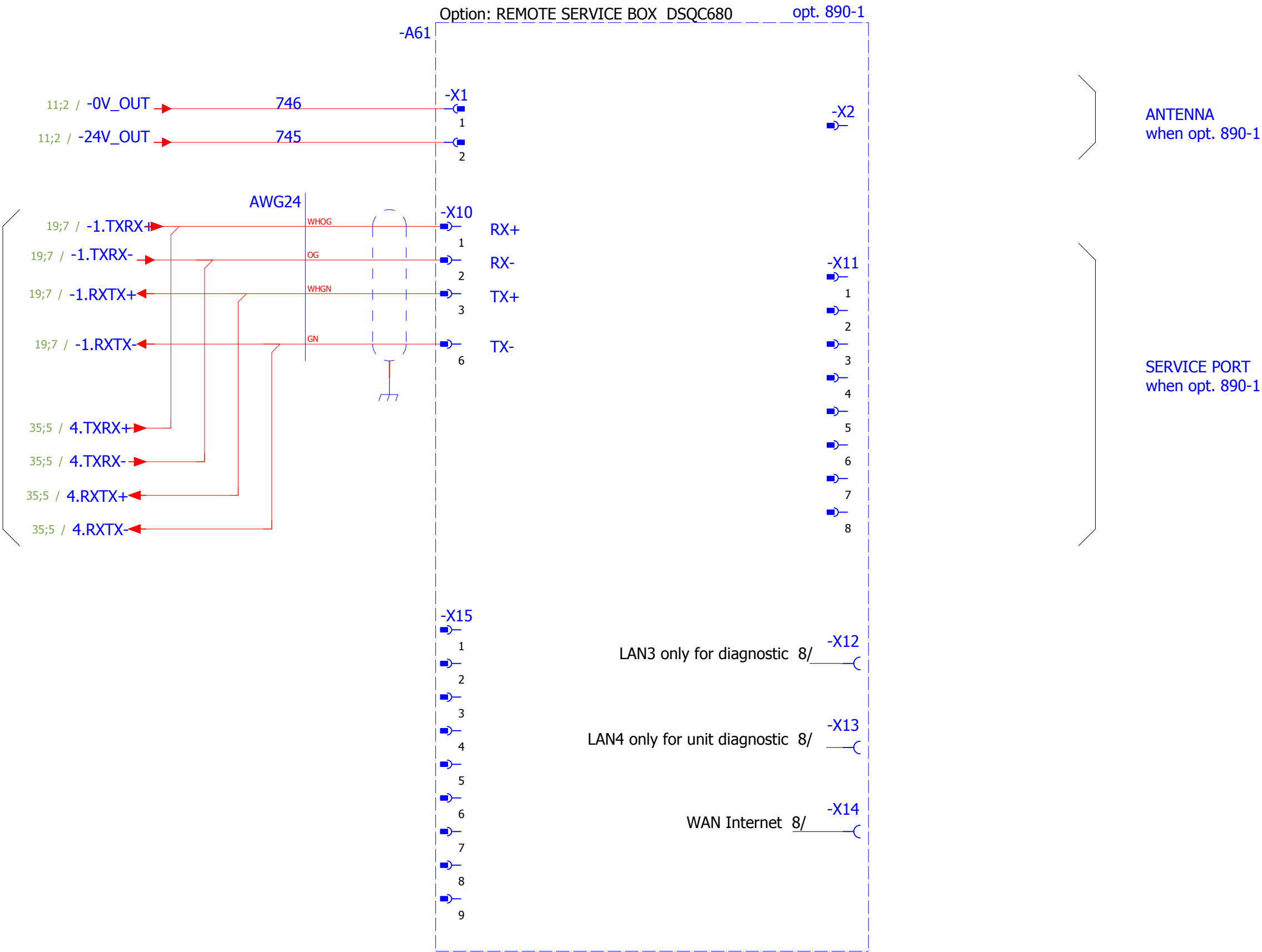
| Wire No. | Single phase |
|----------|--------------|
| 27       | P            |
| 28       | N            |
| 29       |              |

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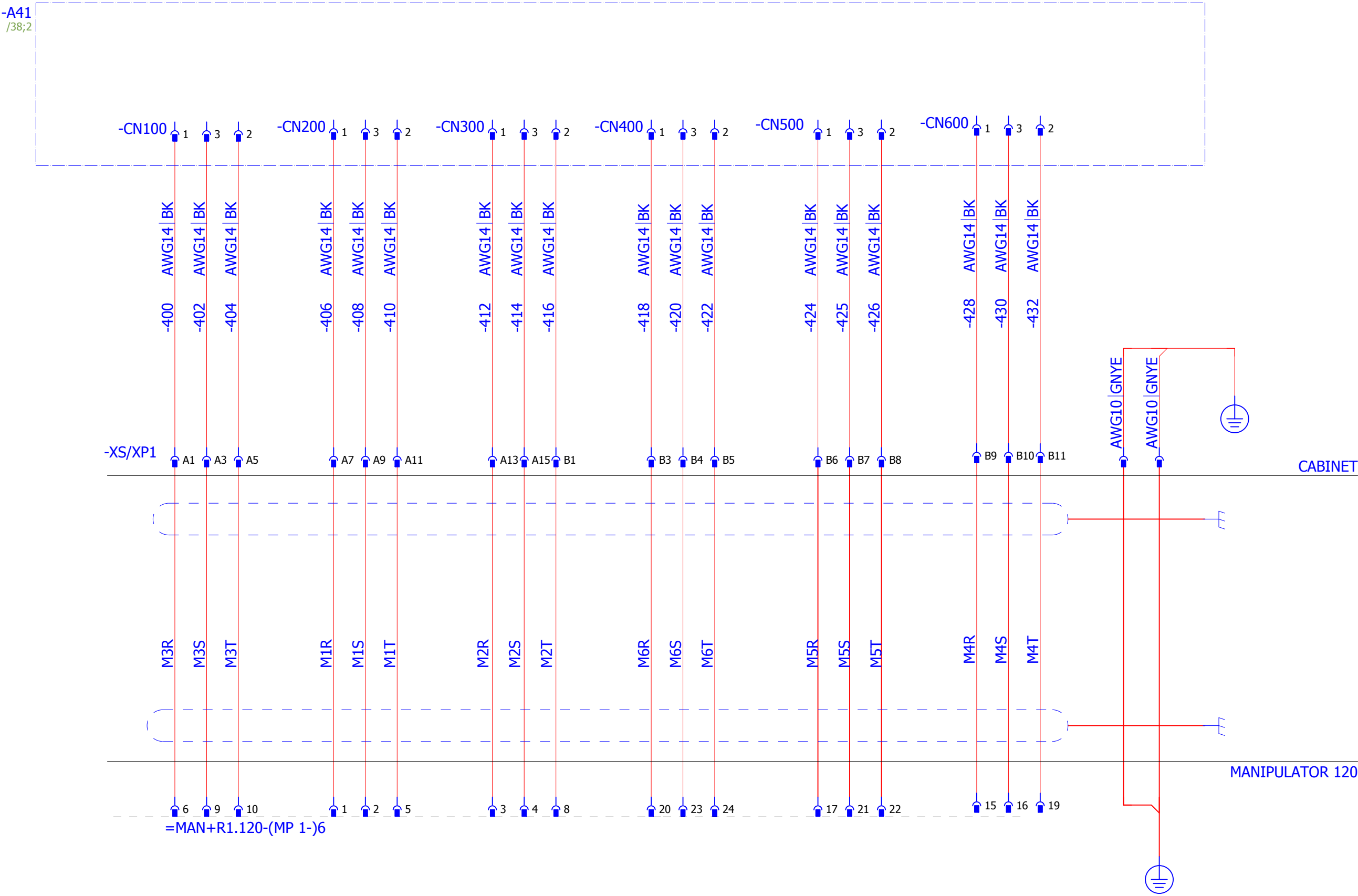


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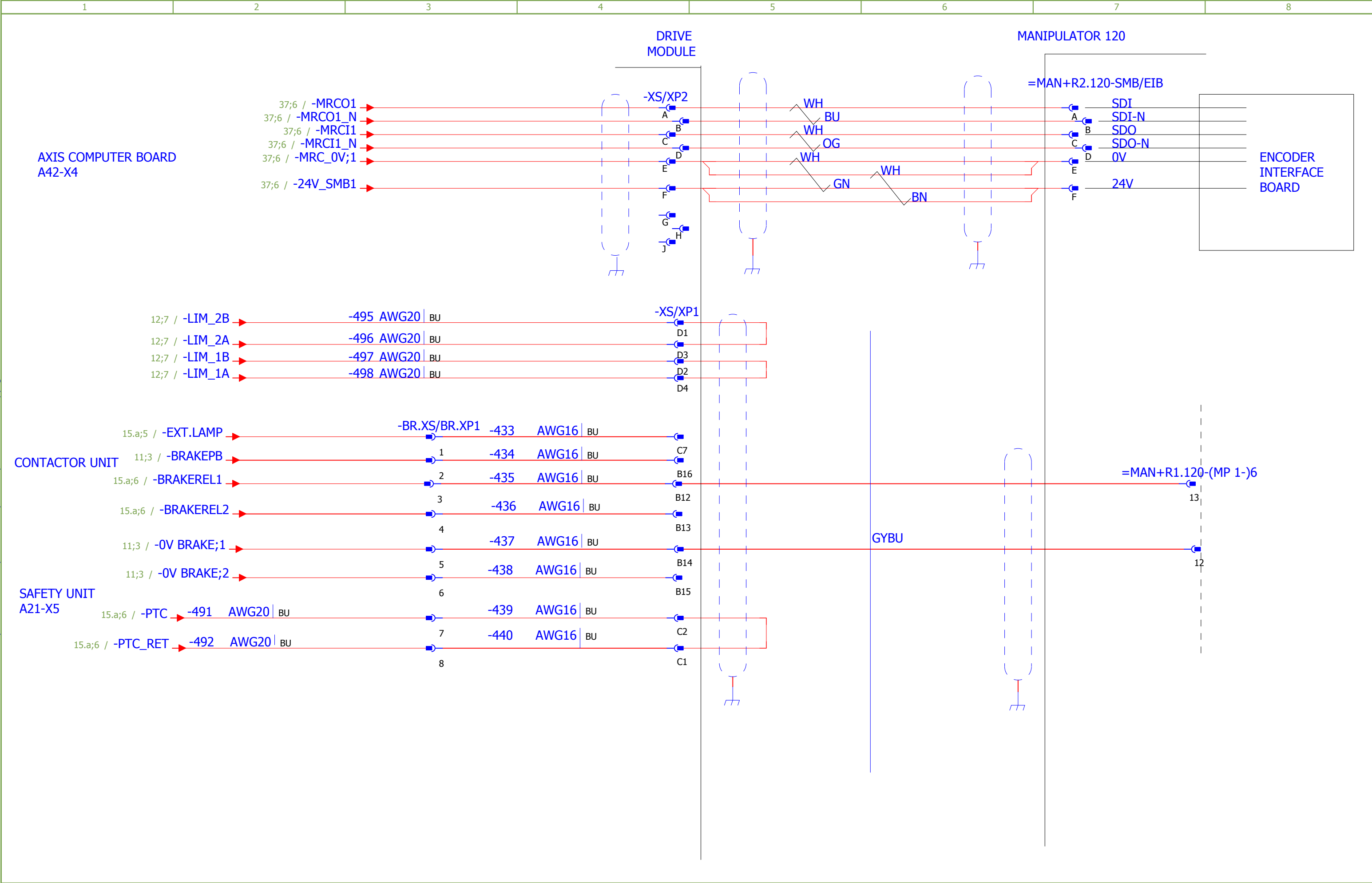
A31.X2  
or  
A64.X5  
if opt. 1341-1



# IRB 120 cabinet module

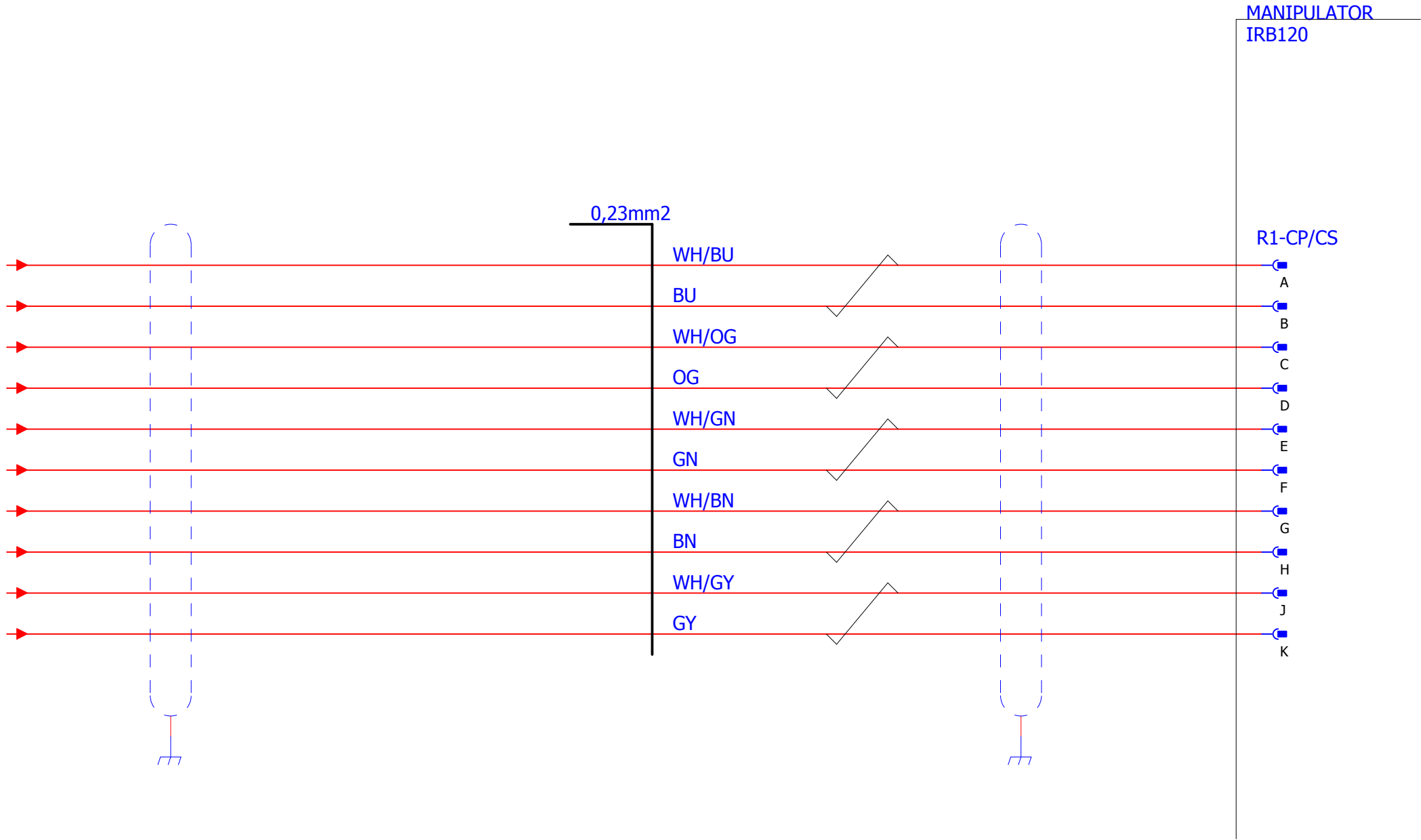


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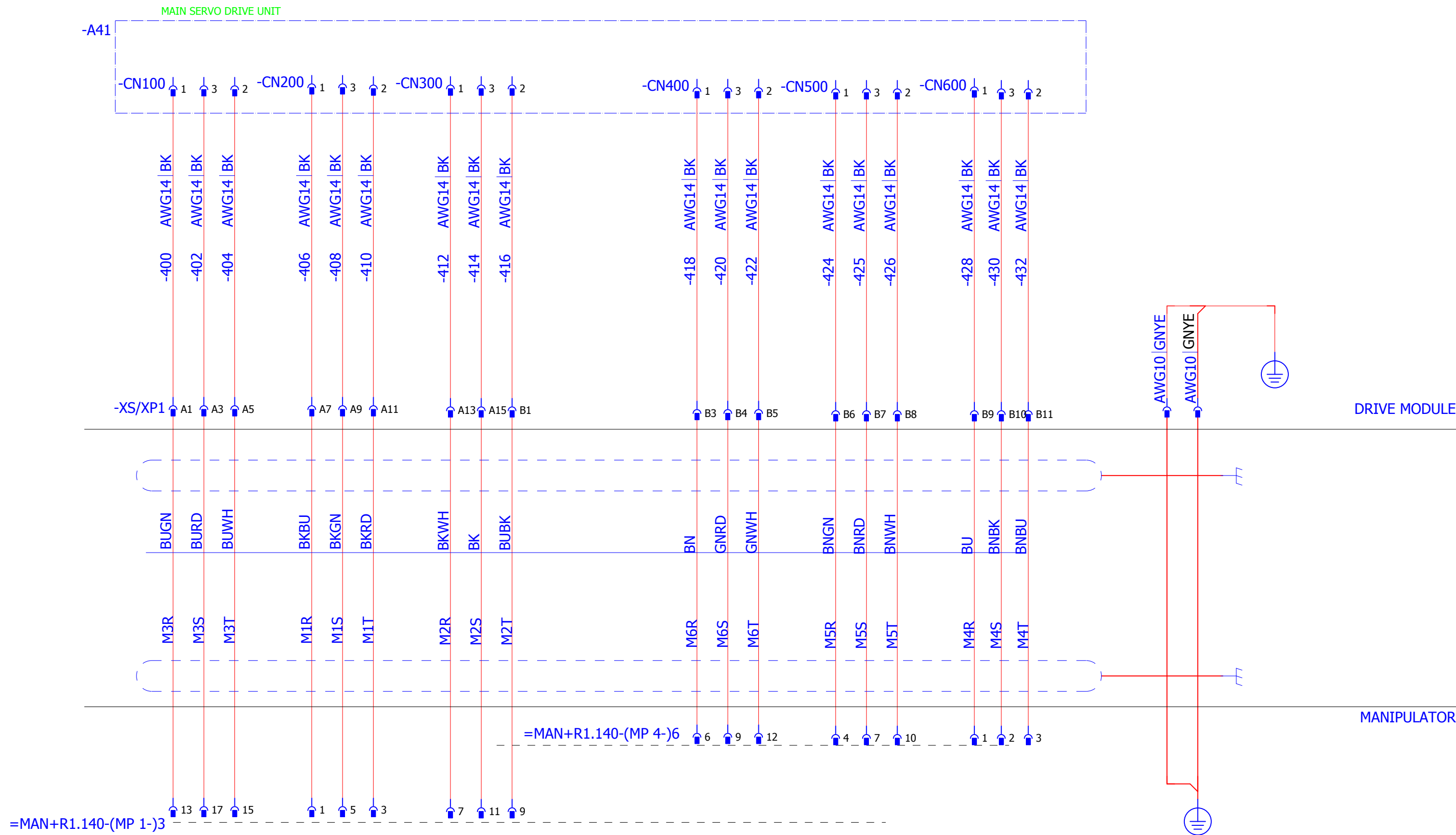
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Customized connection



According to Manipulator circuit diagram 3HAC031408-003

# IRB 140 cabinet module



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AXIS COMPUTER BOARD  
A42-X4

37;6 / -MRCO1  
37;6 / -MRCO1\_N  
37;6 / -MRCI1  
37;6 / -MRCI1\_N  
37;6 / -MRC\_OV;1  
37;6 / -24V\_SMB1  
37;6 / -MRC\_OV;2  
37;6 / -MRC\_OV;3

DRIVE  
MODULE

-XS/XP2

A  
B  
C  
D  
E  
F  
G  
H  
J  
K  
L

WH

BU

WH

OG

WH

GN

WH

BN

GY

RD

MANIPULATOR

=MAN+R2.140-SMB

SDI  
SDI-N  
SDO  
SDO-N  
0V  
24V  
BATSUP  
BATLD

SERIAL  
MEASUREMENT  
BOARD

CONTACTOR UNIT

15.a;5 / -EXT.LAMP  
11;3 / -BRAKEPB  
15.a;6 / -BRAKEREL1  
15.a;6 / -BRAKEREL2

-BR.XS/BR.XP1 \_ 433  
1 - 434  
2 - 435  
3 - 436  
4

AWG16|BU  
AWG16|BU  
AWG16|BU  
AWG16|BU

-XS/XP1

C7  
B16  
B12  
B13

OG

OGWH

GYBK

GYBU

=MAN+R1.140-H1

=MAN+R1.140-(MP 4-)6

SAFETY UNIT  
A21-X5

11;3 / -0V BRAKE;1  
15.a;6 / -PTC  
15.a;6 / -PTC\_RET  
11;3 / -0V BRAKE;2

- 437  
5 - 439  
7 - 440  
8 - 438  
6

AWG16|BU  
AWG16|BU  
AWG16|BU  
AWG16|BU

B14  
C2  
C1  
B15

GYGN

OGBU

OGBK

OGRD

=MAN+R1.140-(MP 1-)3

12;7 / -LIM\_1B  
12;7 / -LIM\_2B  
12;7 / -LIM\_2A  
12;7 / -LIM\_1A

-497  
D2  
D1  
D3  
D4

GYWH

GYRD

GY

OGGN

10  
16  
18  
12

Latest revision:



Lab/Office:

CONTROL CABLE IRB 140

Status:

Approved

Plant:

Location: +  
Sublocation: +

Document no.

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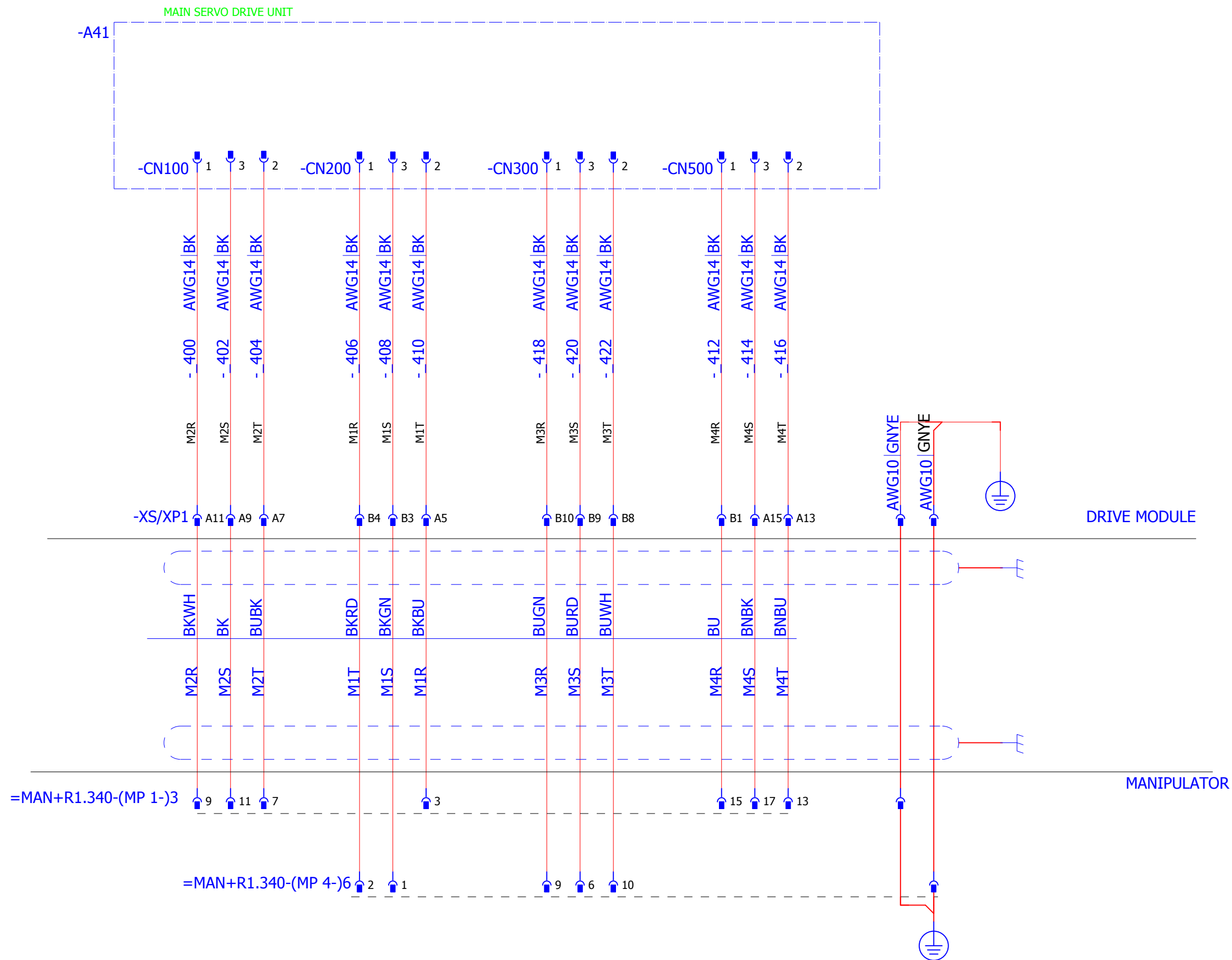
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Approved by, date:

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# IRB 360 cabinet module



|                             |                    |
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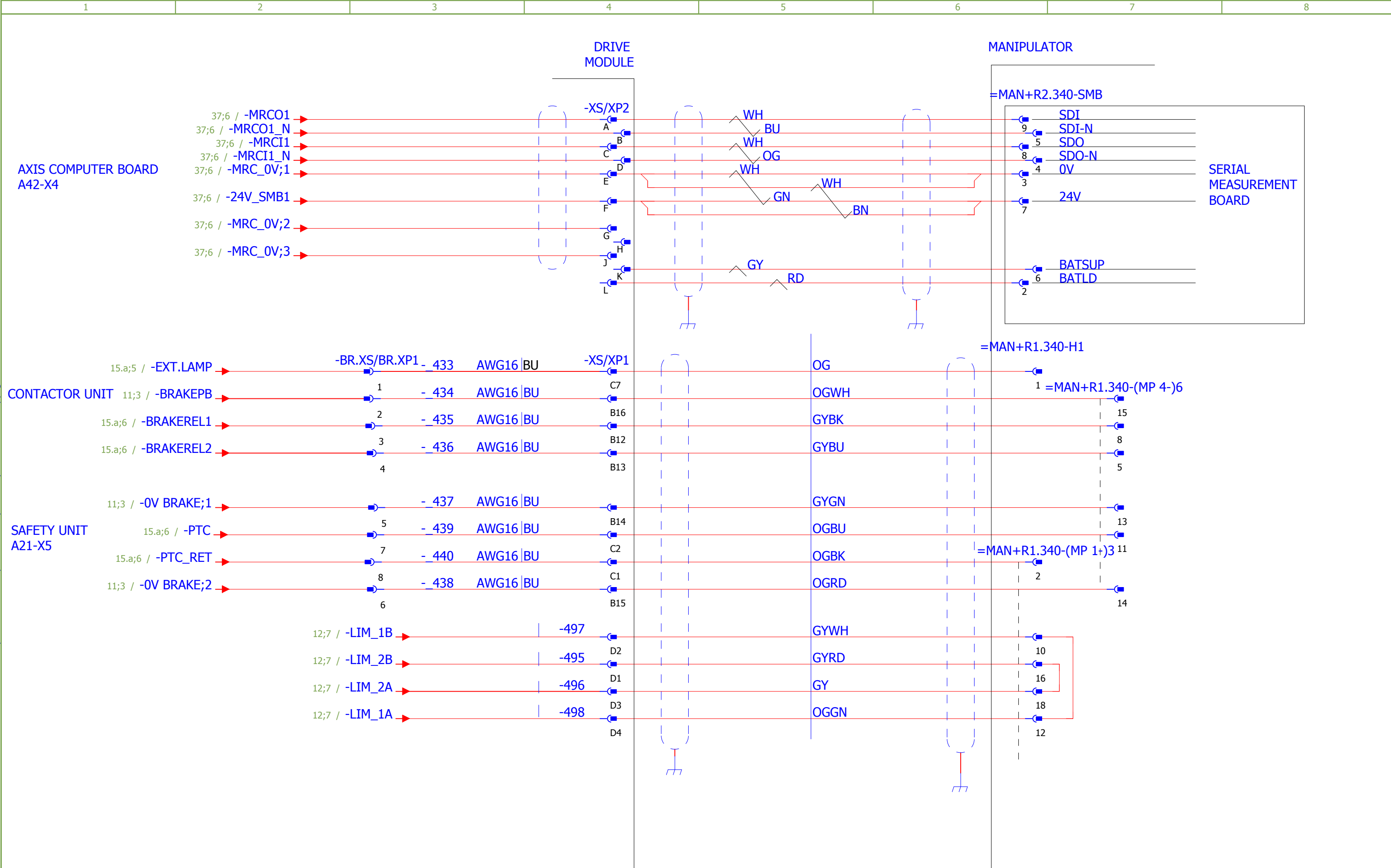
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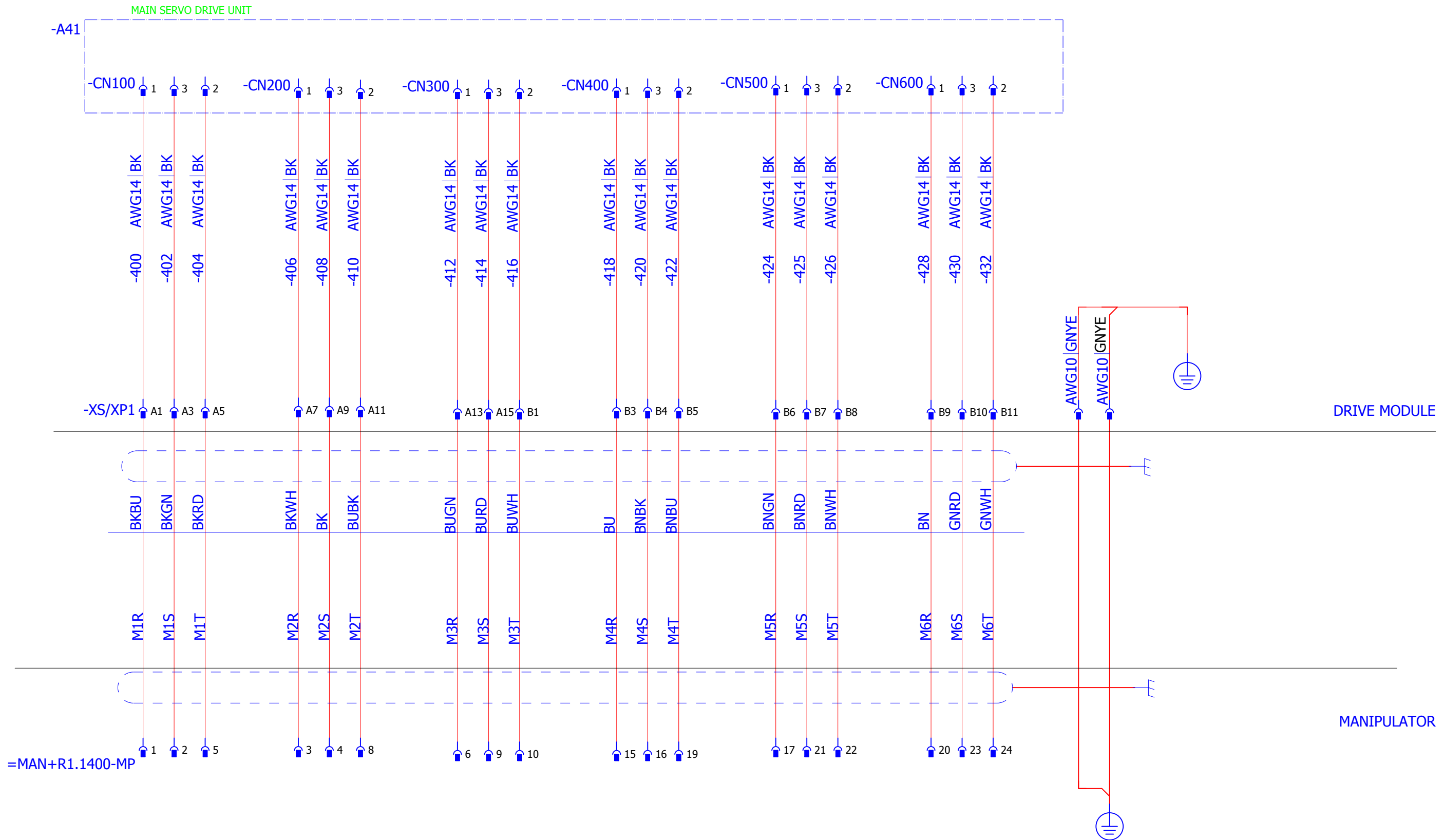
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| SERVO DRIVE SYSTEM IRB 360 |  |
|----------------------------|--|

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| Approved       | Location: |          |
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# IRB 1200 cabinet module



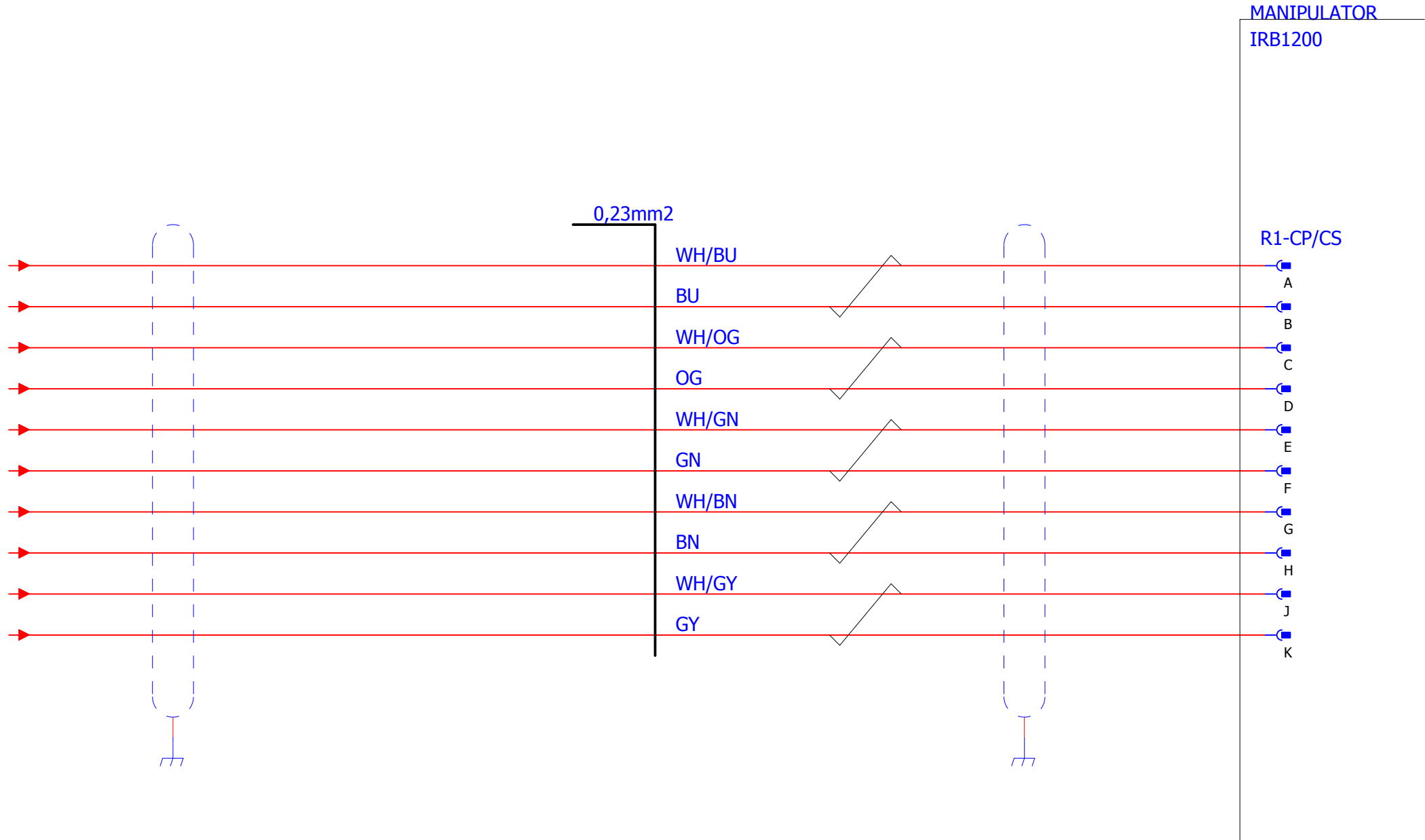
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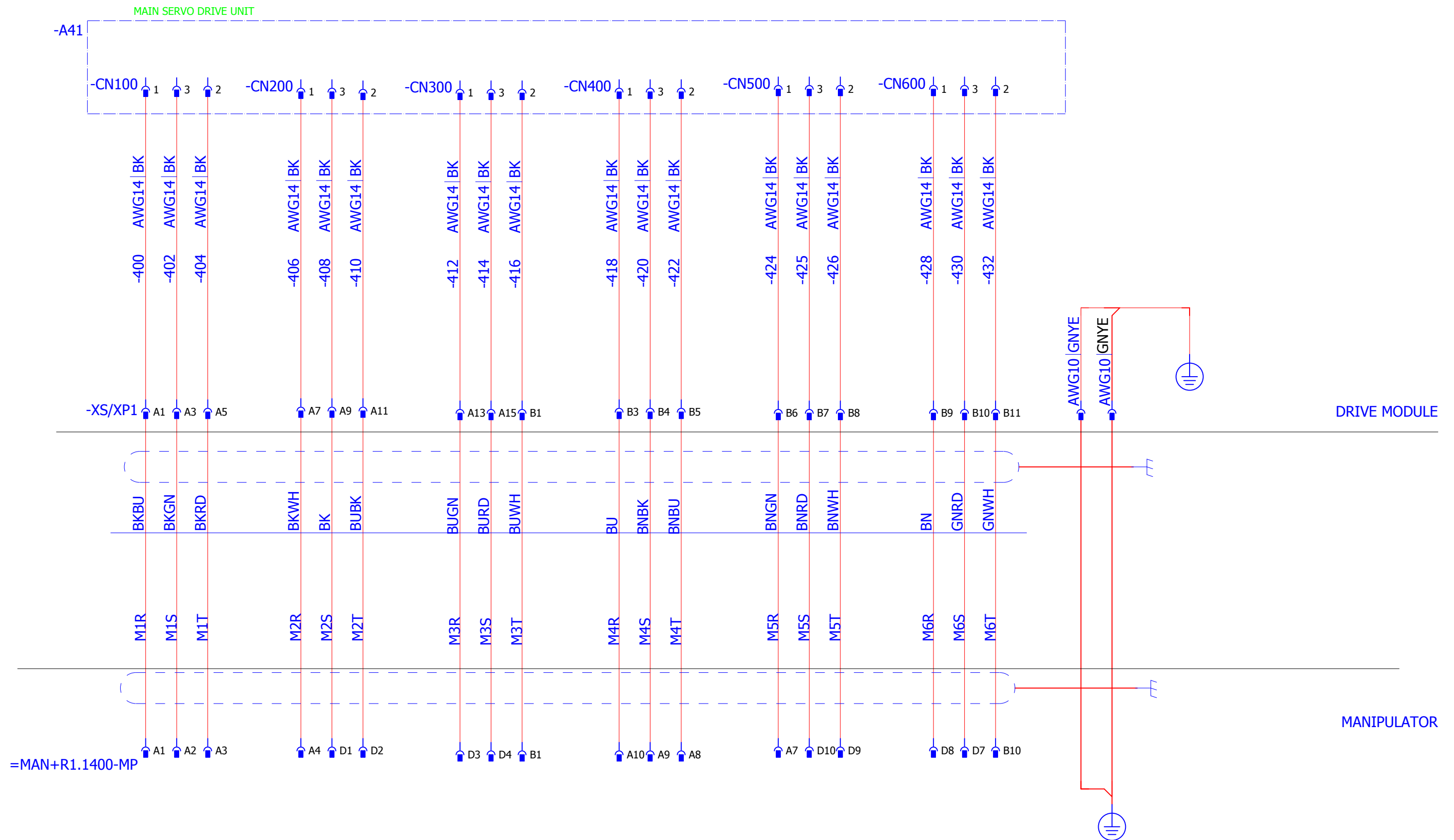
Customized connection



According to Manipulator circuit diagram 3HAC046307-003

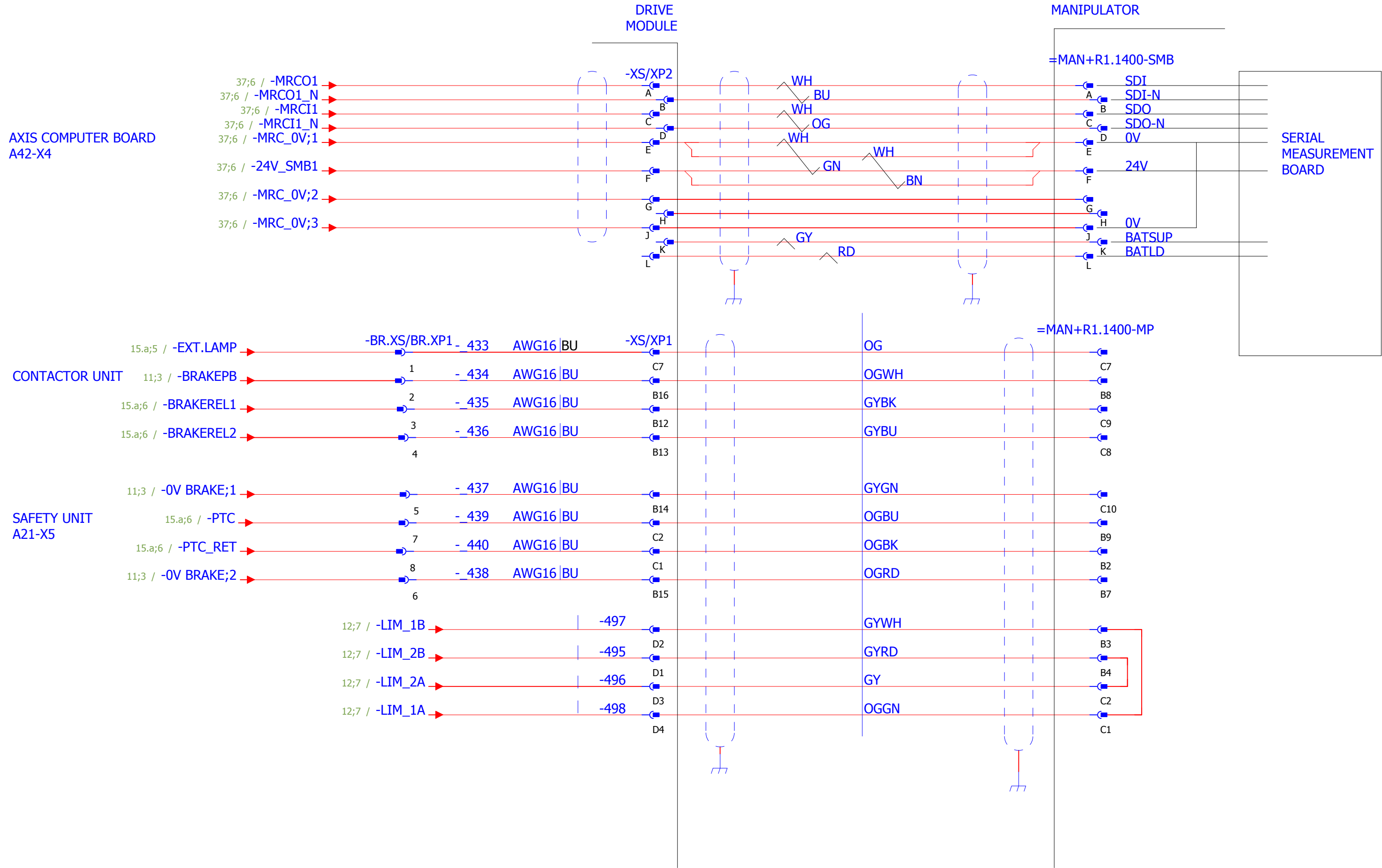
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| Prepared by, date: Beginner |  | Approved by, date:                                                                    |             |                                |                                |                                           |

# IRB 1410, 1600, 260 cabinet module



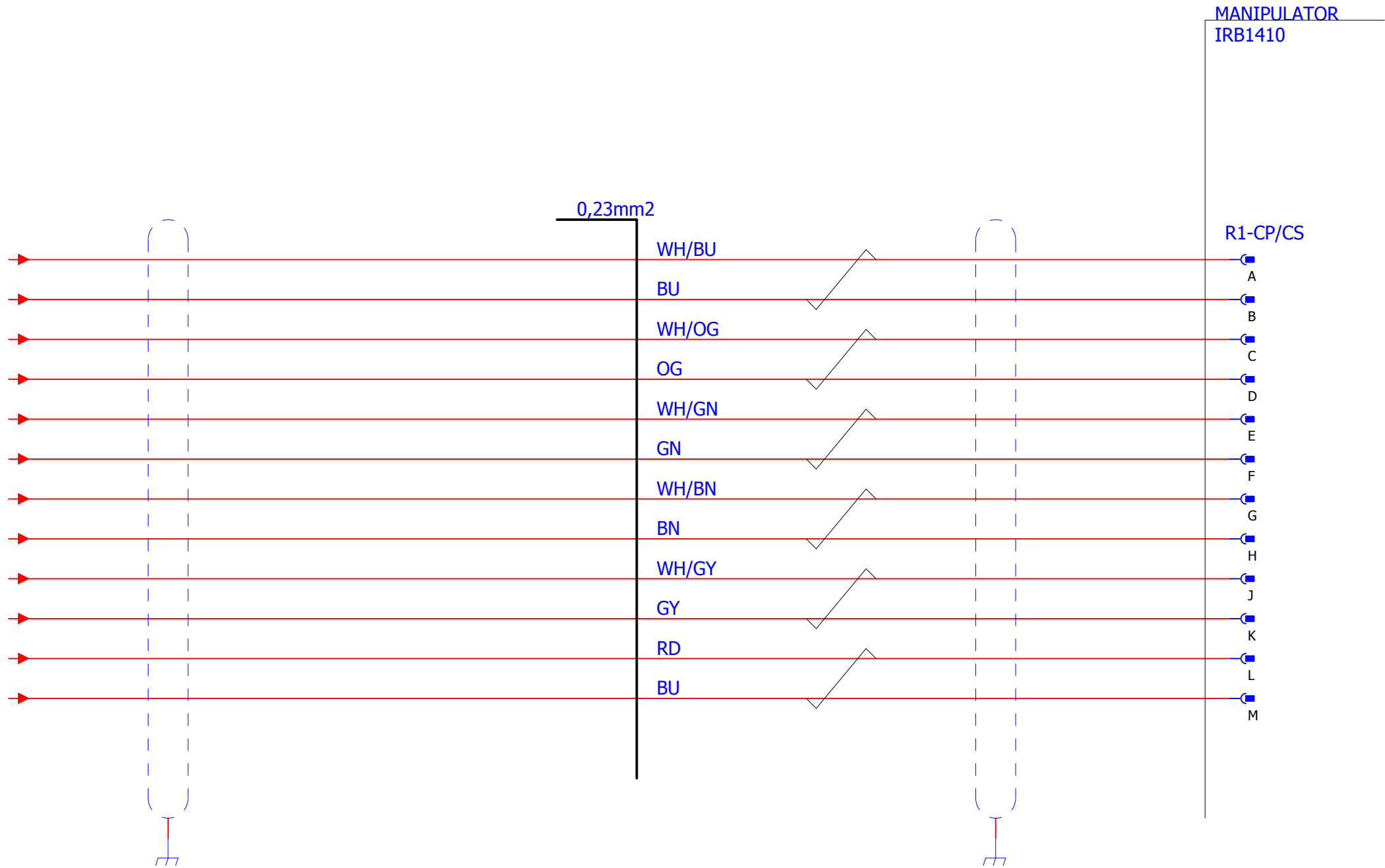
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| Latest revision:            |  |  | Lab/Office: | SERVO DRIVE SYSTEM IRB 1410, 1600, 260 | Status:        | Plant: =       |          |
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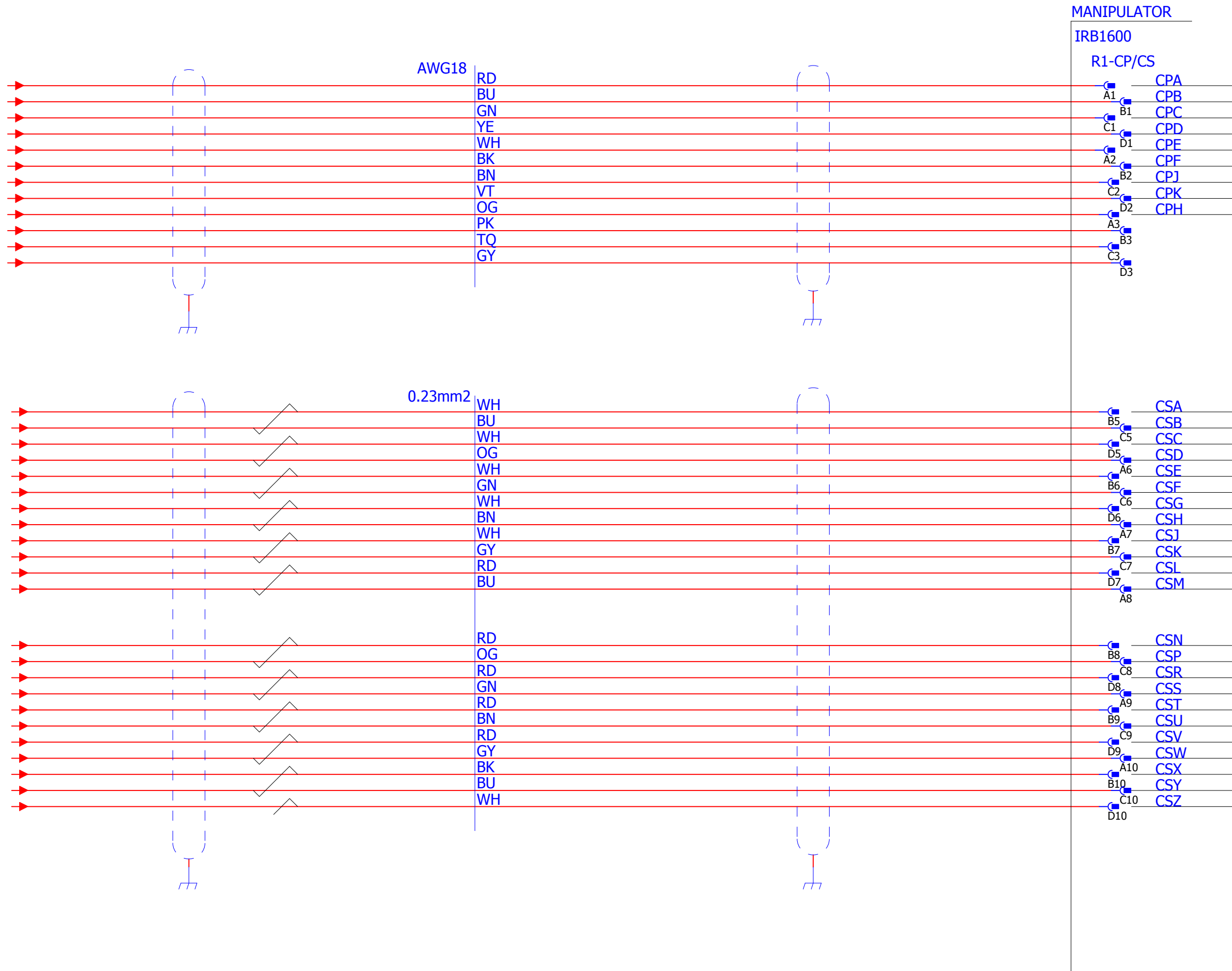


According to Manipulator circuit diagram 3HAC02800-3

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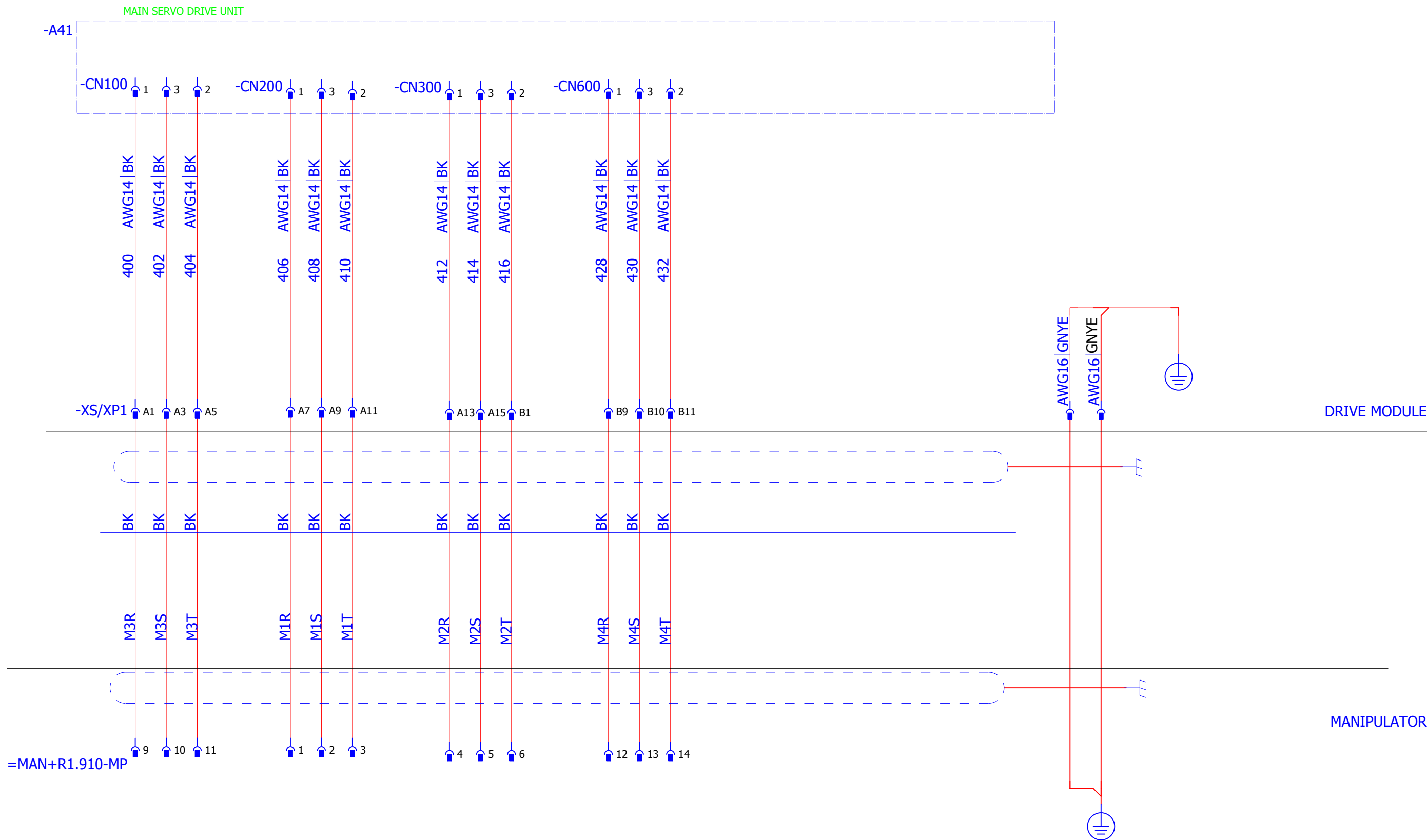
Customized connection

Customized connection



According to Manipulator circuit diagram 3HAC021351-003

# IRB 910 cabinet module



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SERVO DRIVE SYSTEM IRB 910

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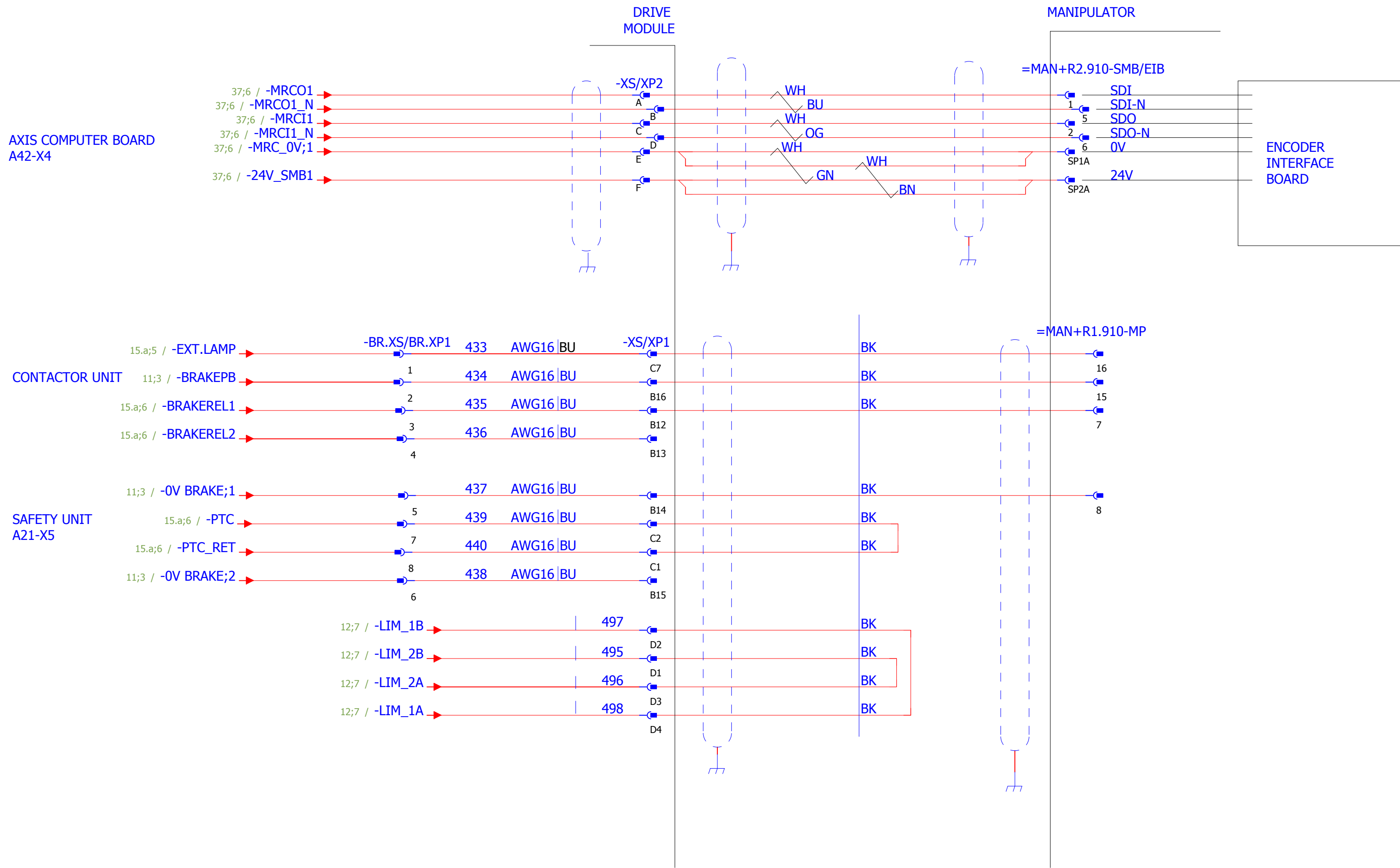
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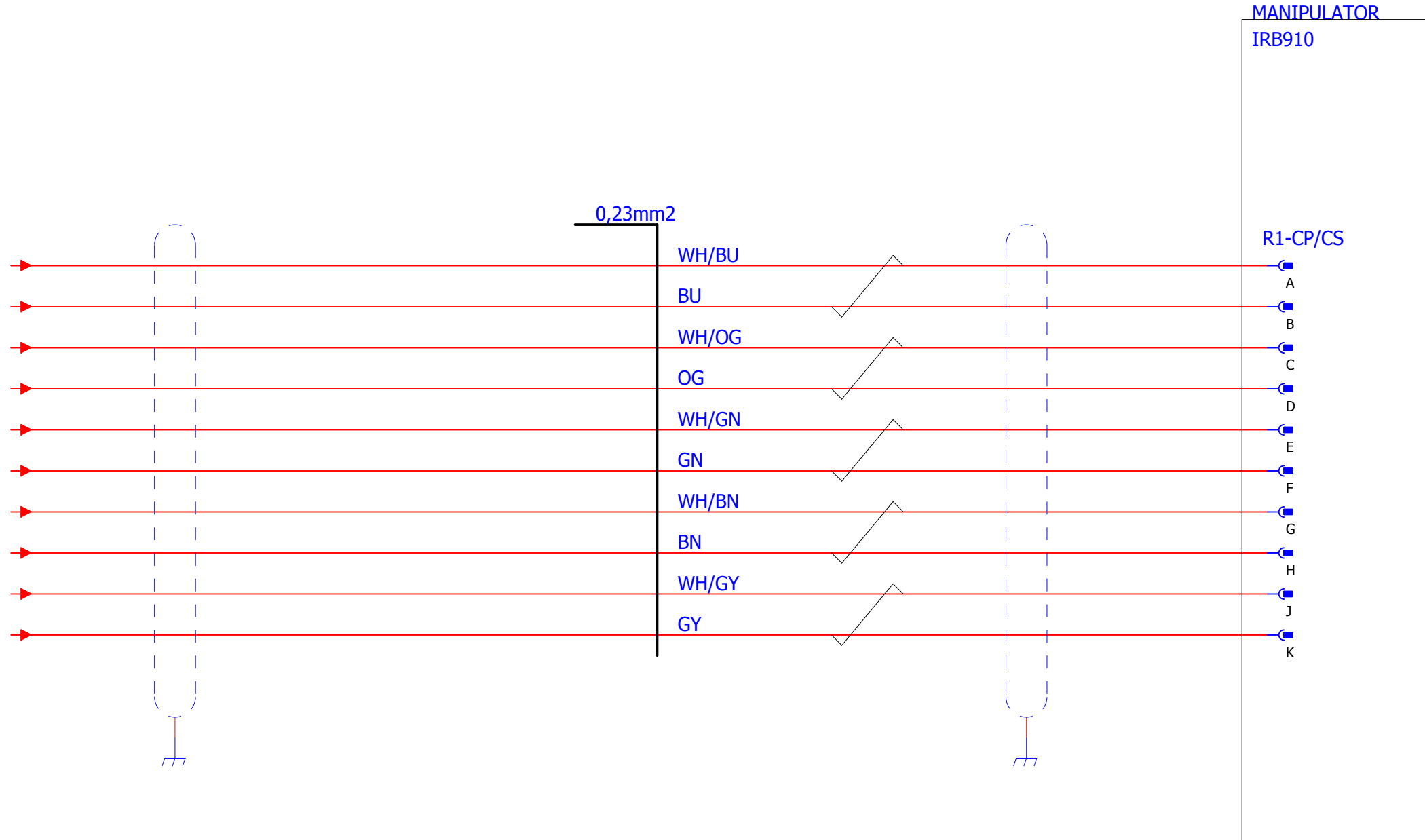
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