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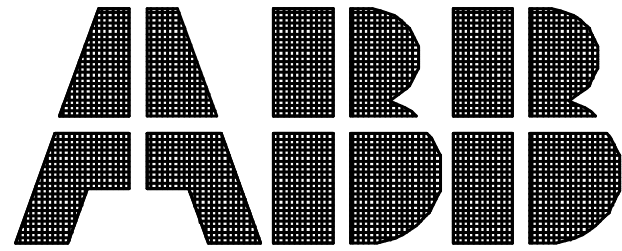
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Description : IRB 1010  
Drawing number : 3HAC080051-003  
Drawing version : 01  
Date :

Customer :  
Year of construction :  
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Drawn by : CNSHCHE17  
Number of pages : 17  
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/17	CUSTOMER CONNECTION - STANDARD	08/30/2021	CNMICHE

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Valid for:

This circuit diagram is valid for the following cable harness & board unit assemblies:

Cable harness for IRB 1010:

3HAC076884-001 Main cable harness\_Basic

3HAC079810-001 Main cable harness\_Basic+C1+AIR

3HAC068448-001 Brake Release Unit

3HAC079363-001 Hub\_Basic

3HAC079811-001 Hub\_Basic+C1+AIR

Board unit for IRB 1010:

3HAC065316-001 SMB Unit

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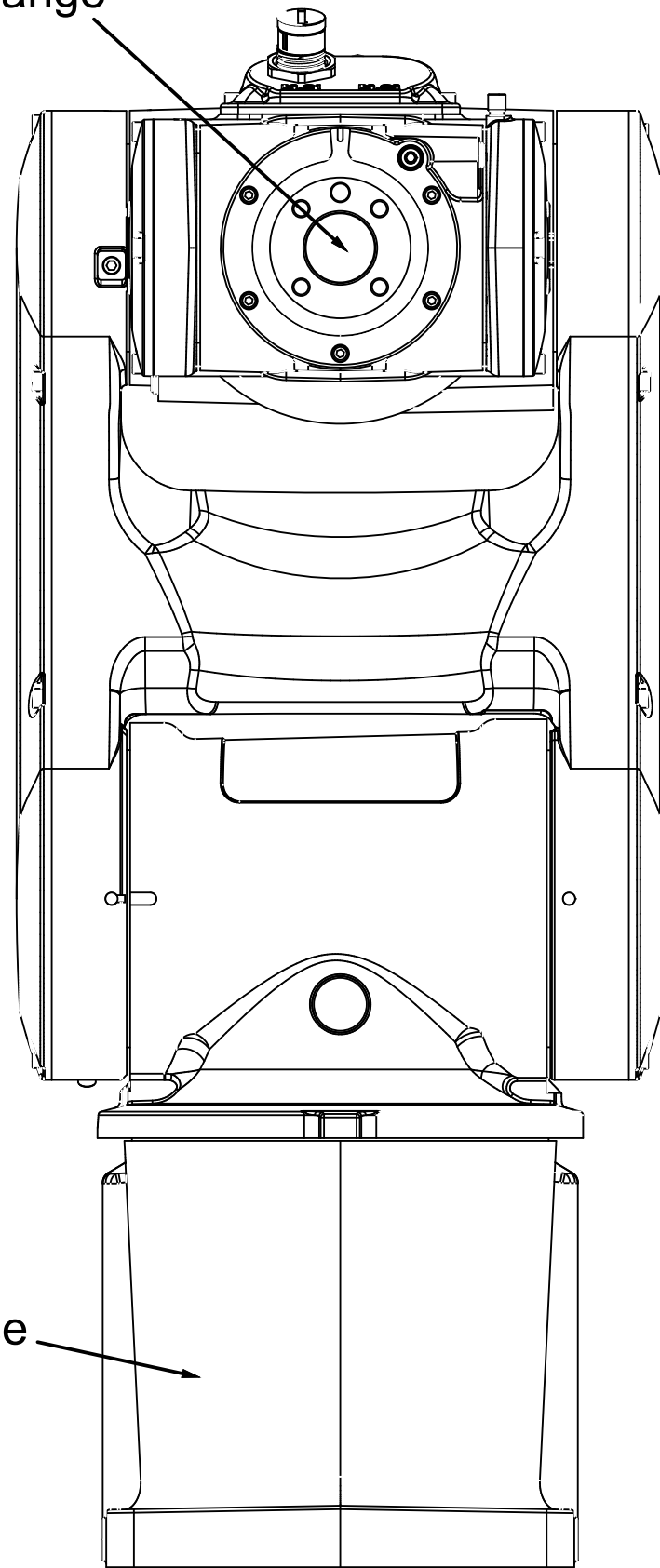
2021-08-30 First version Ver00  
2021-12-30 Second version Ver01

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1 2 3 4 5 6 7 8

Tool Flange



Base

Axis 6

Axis 5

Process Hub

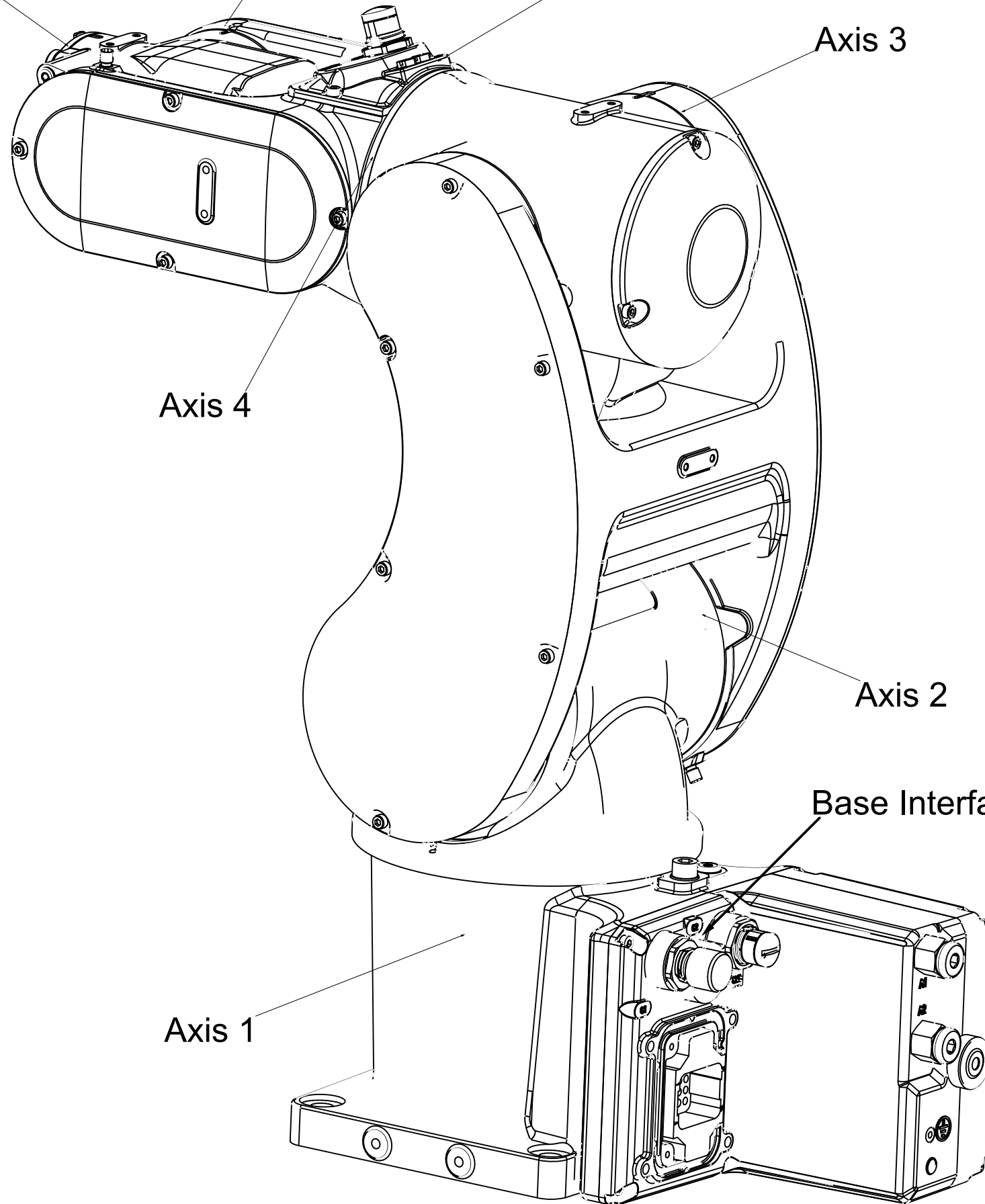
Axis 3

Axis 4

Axis 2

Base Interface

Axis 1



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SYSTEM OVERVIEW

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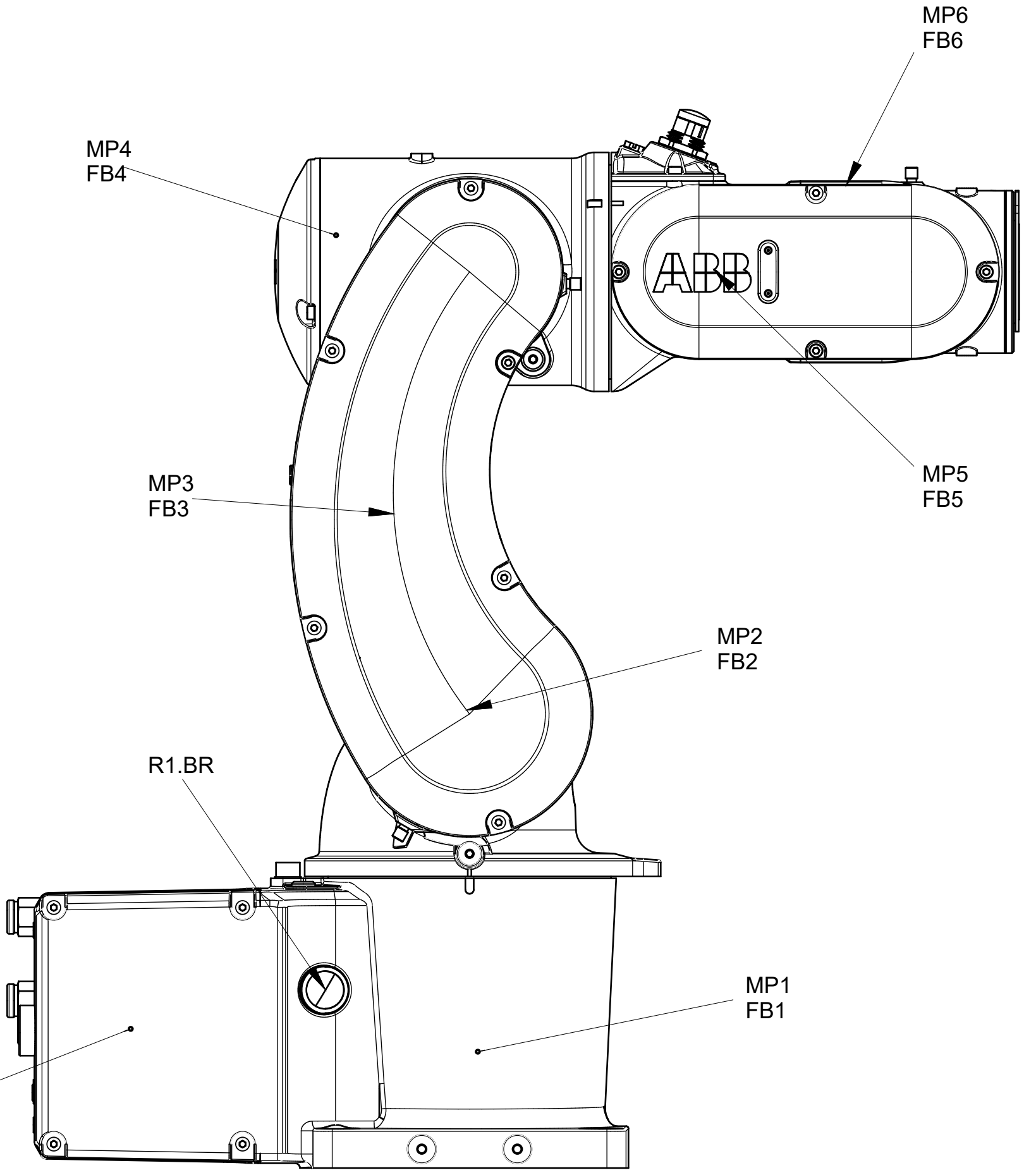
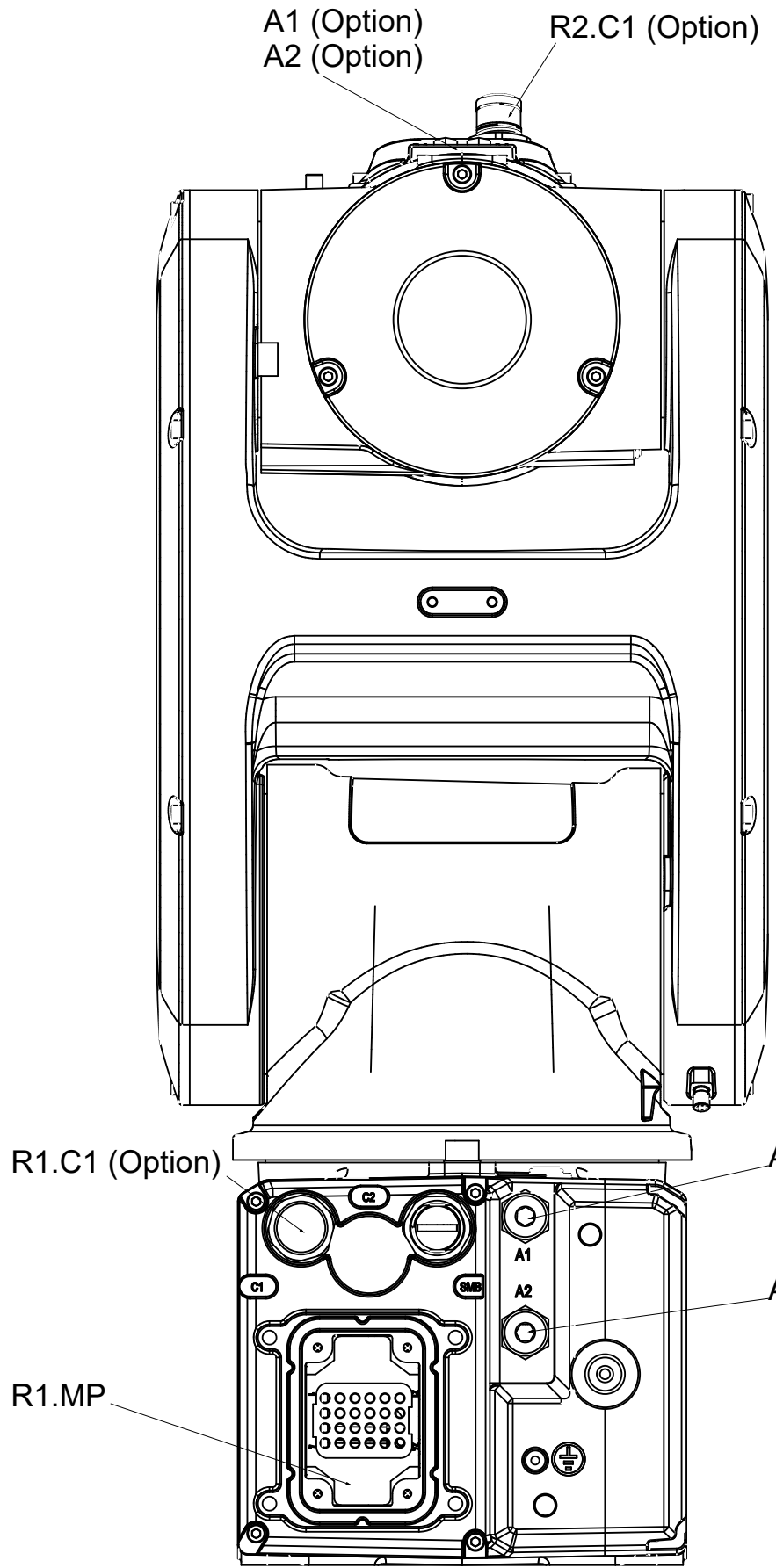
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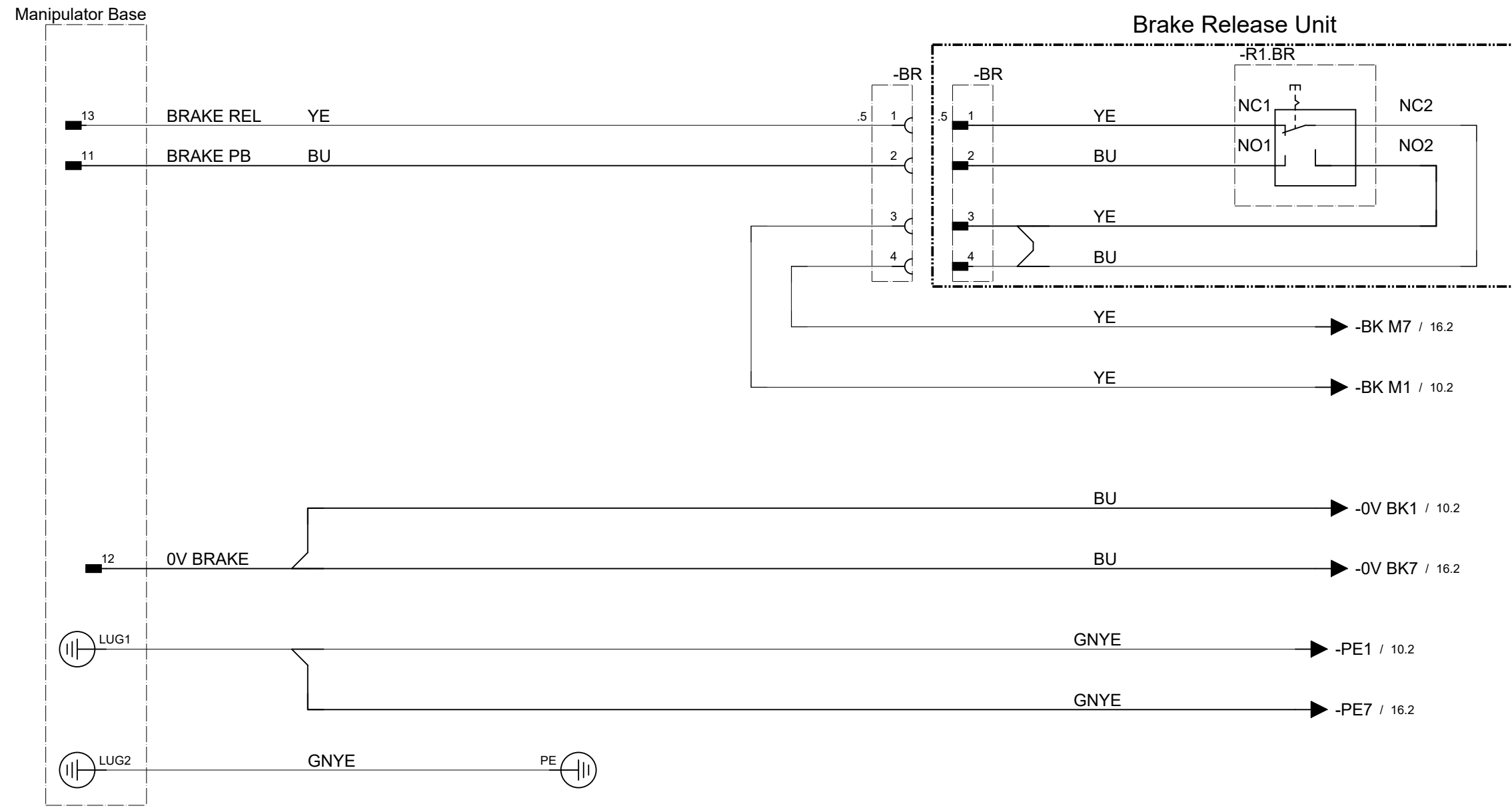
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 CONNECTION POINT LOCATION

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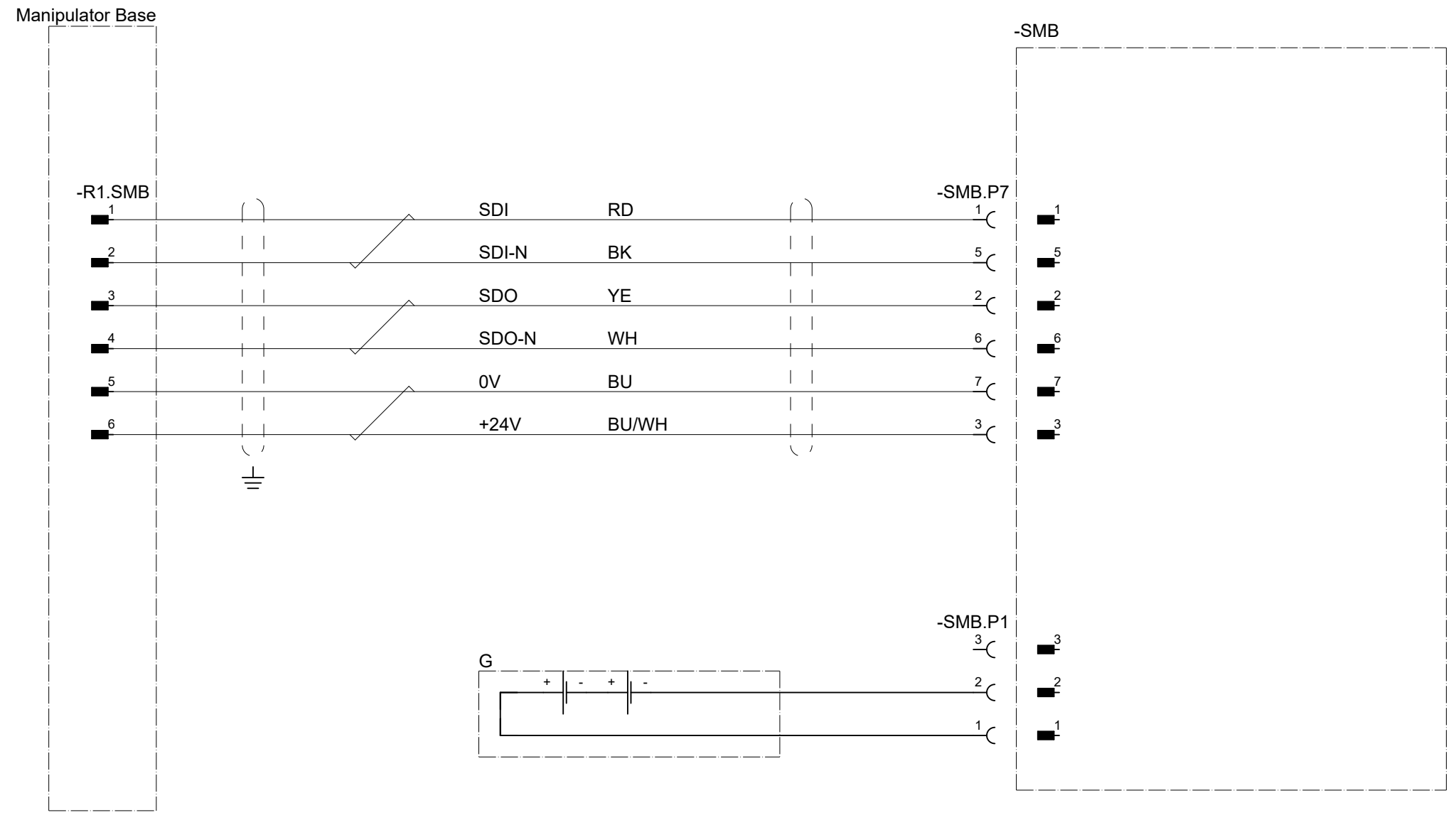
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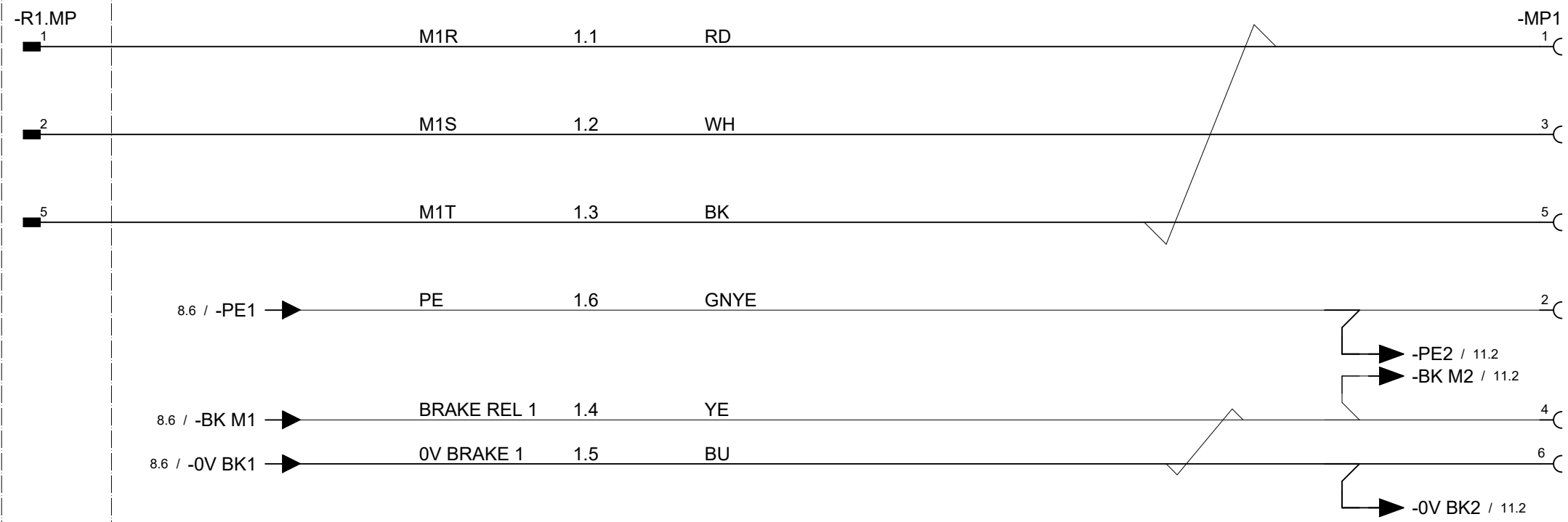
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SERIAL MEASUREMENT BOARD

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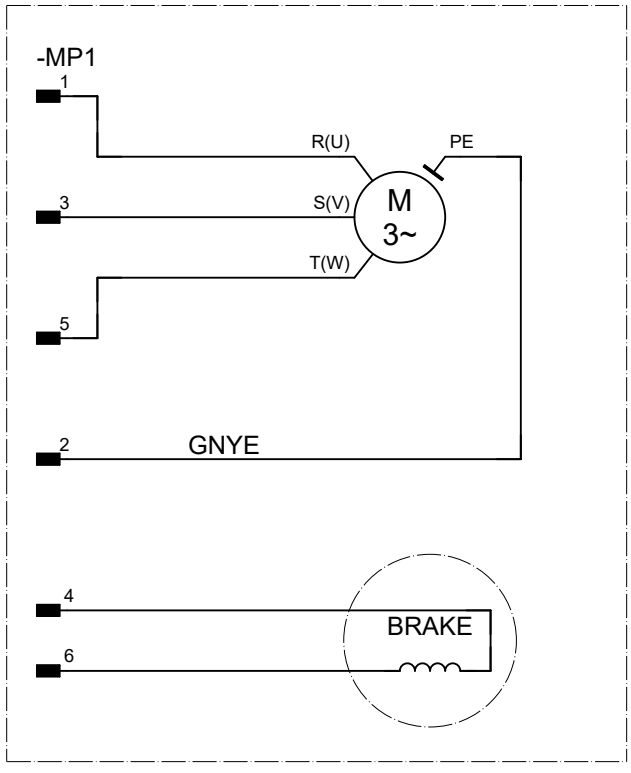
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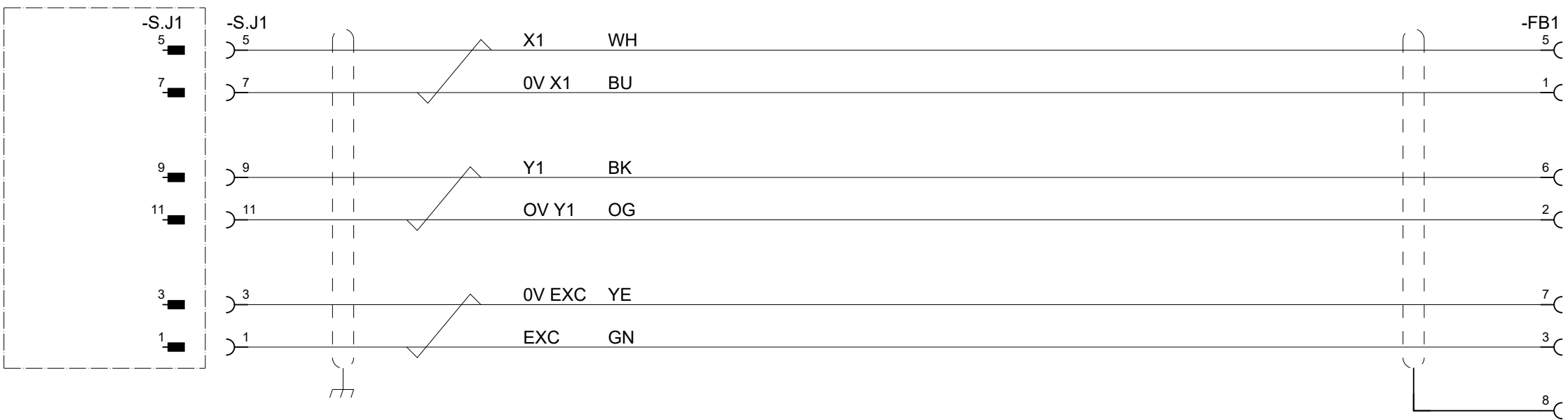
Manipulator Base



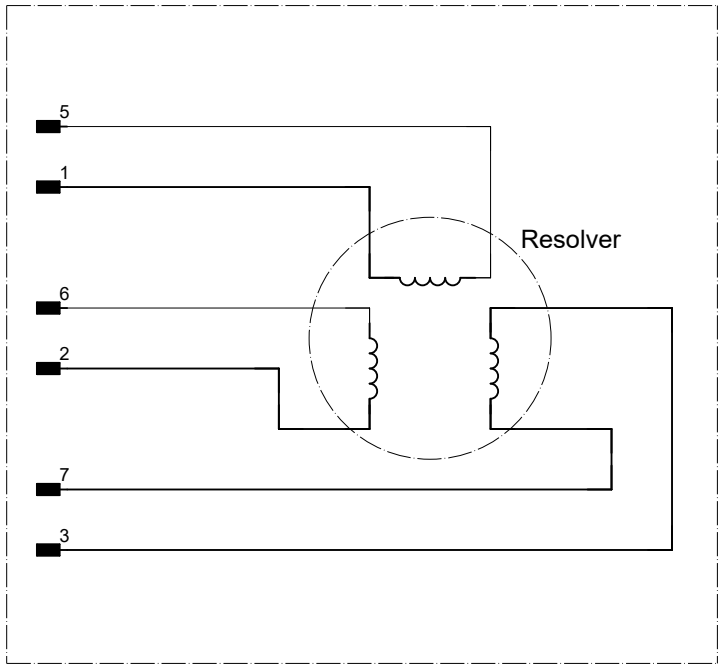
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-FB1



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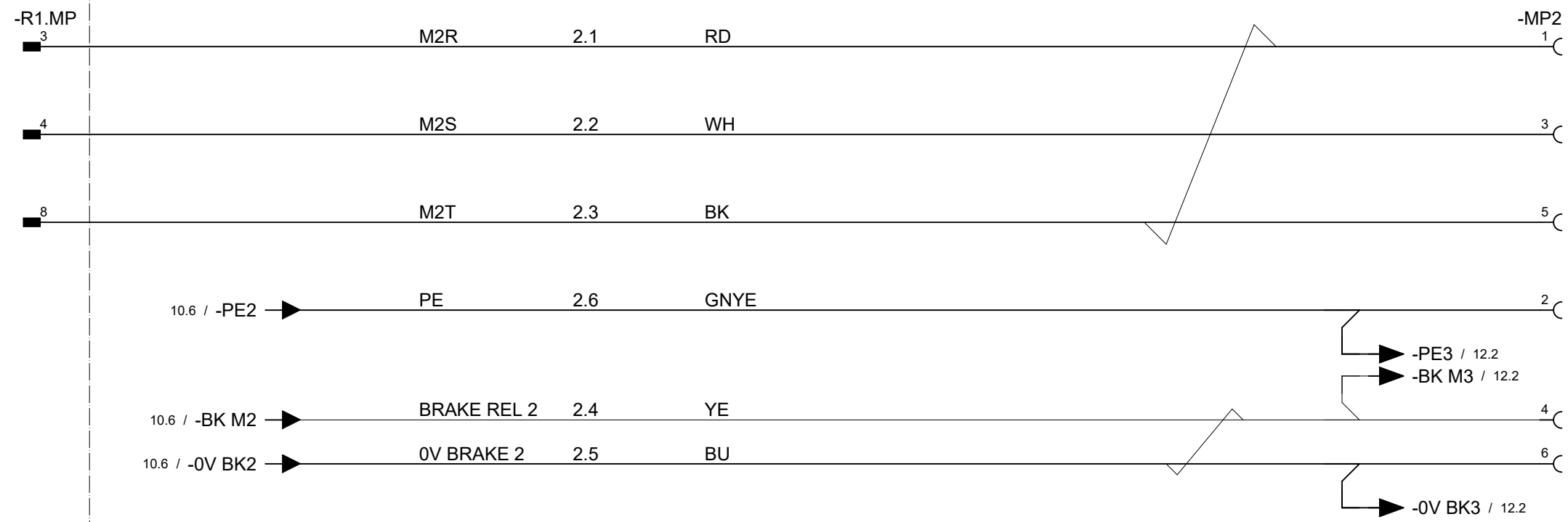


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AXIS 1

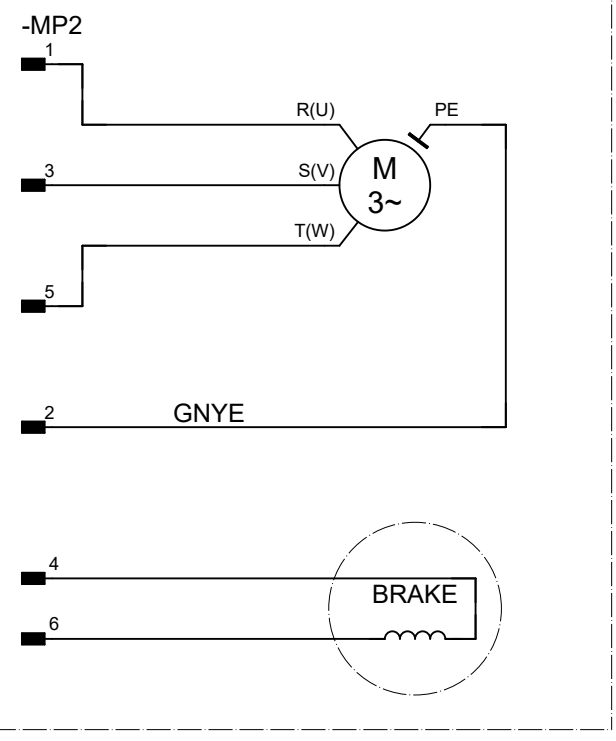
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Manipulator Base



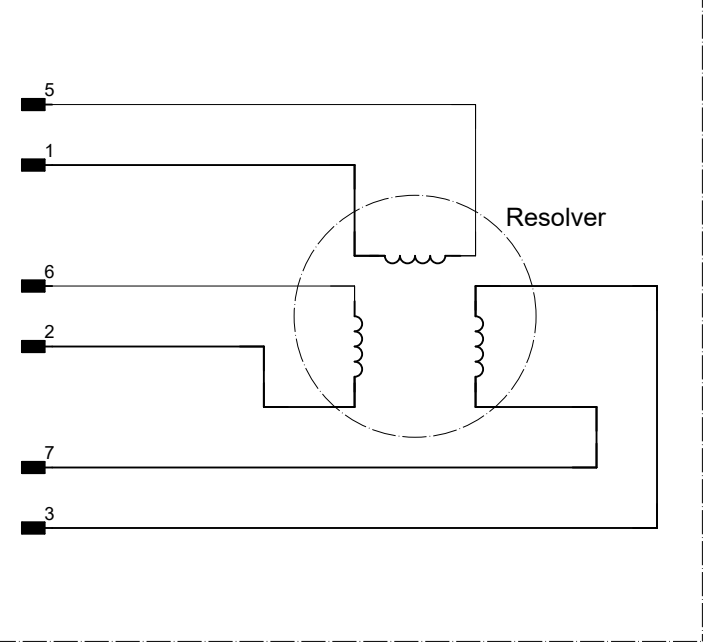
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-FB2



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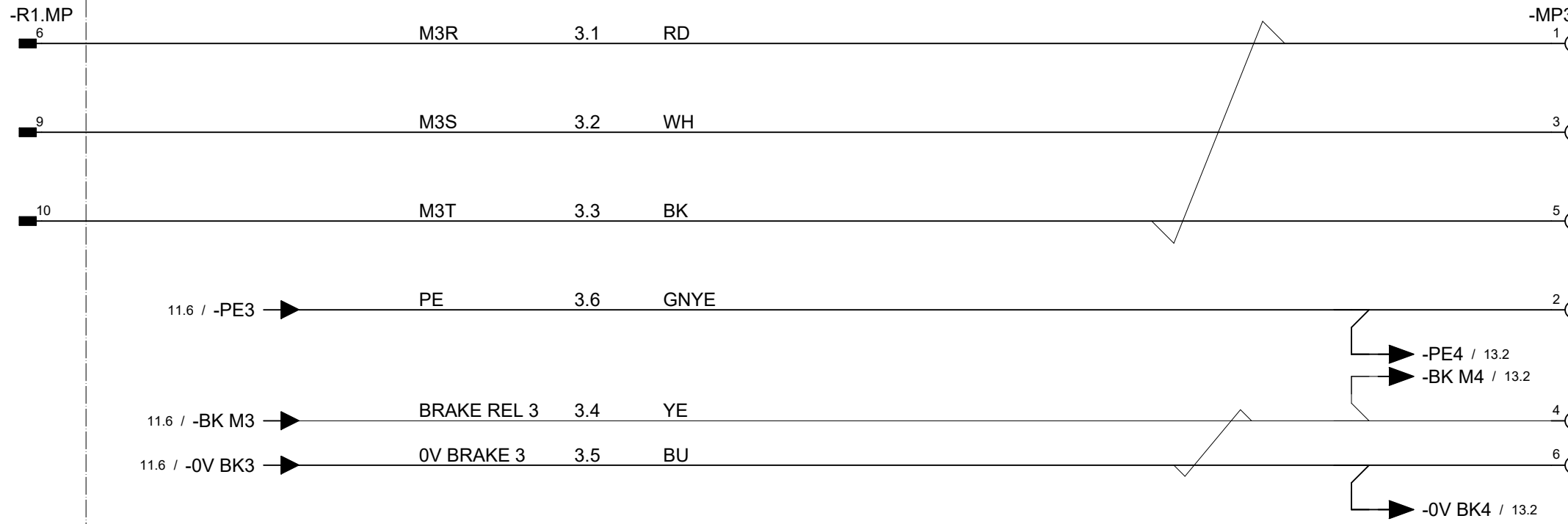


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AXIS 2

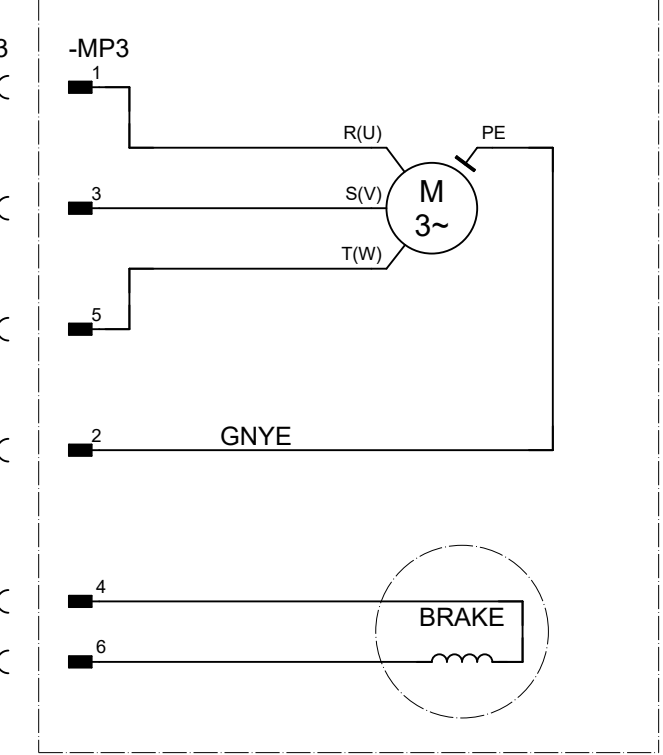
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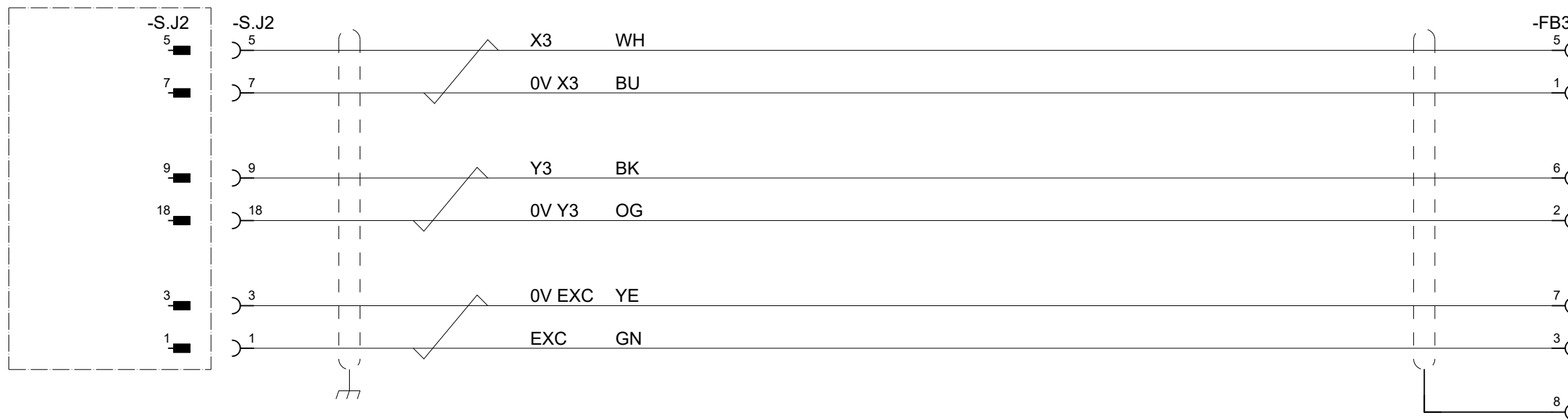
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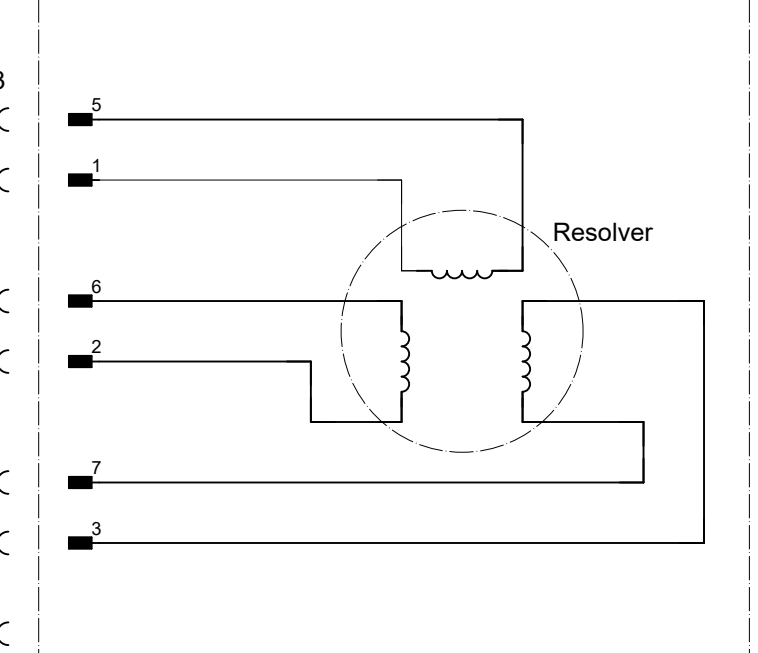
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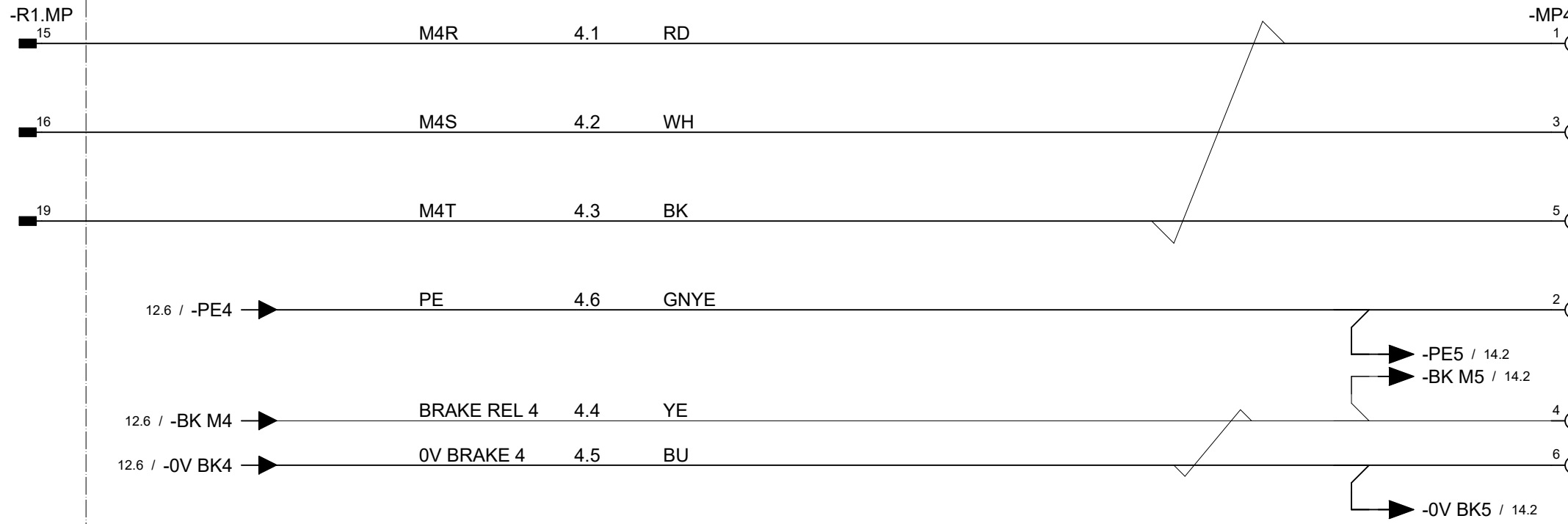


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AXIS 3

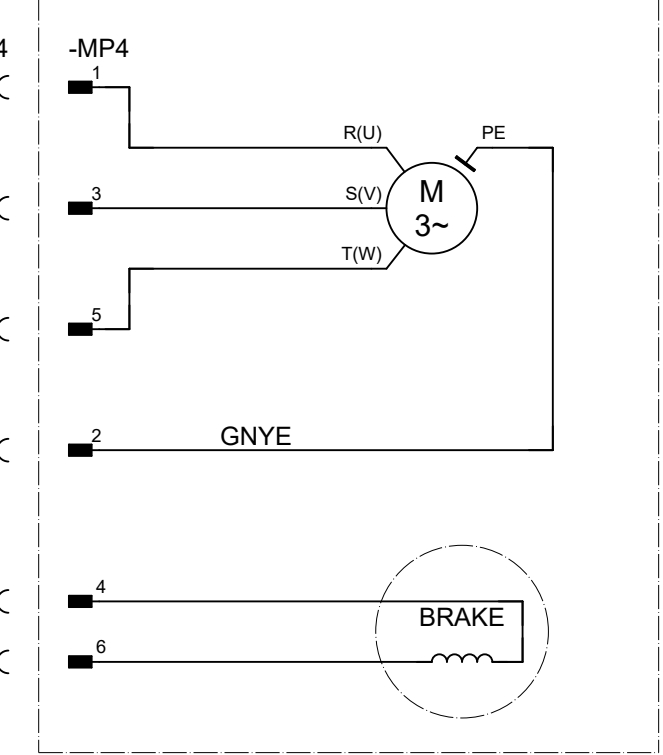
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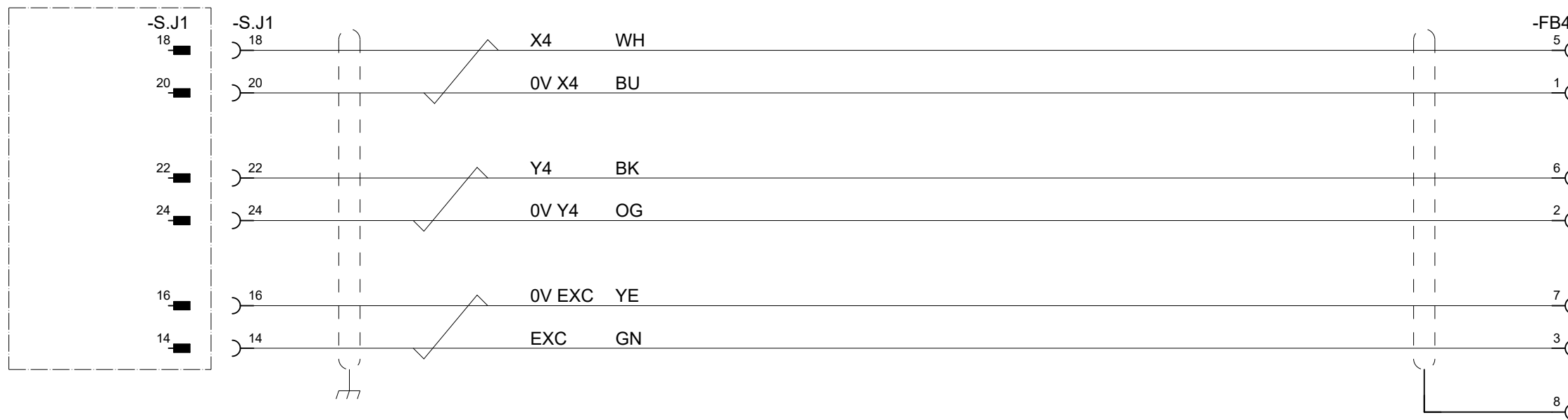
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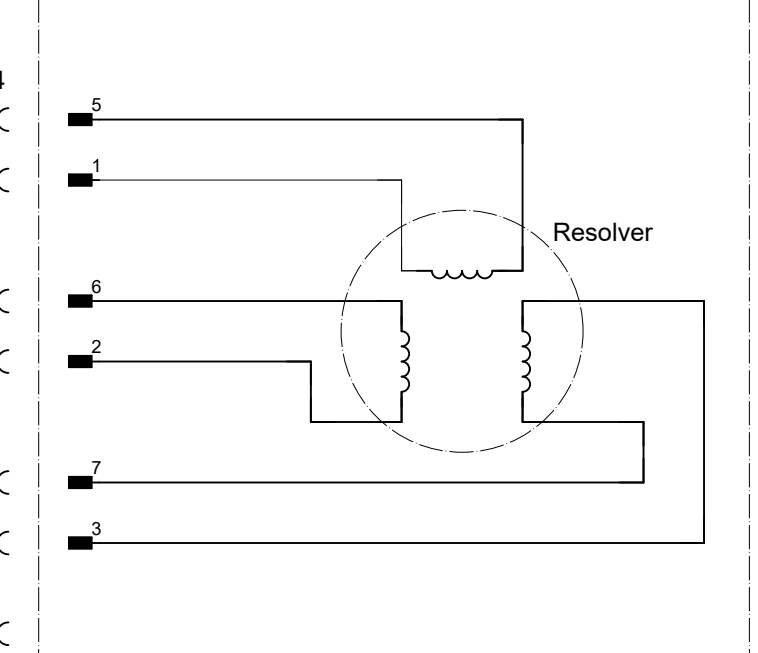
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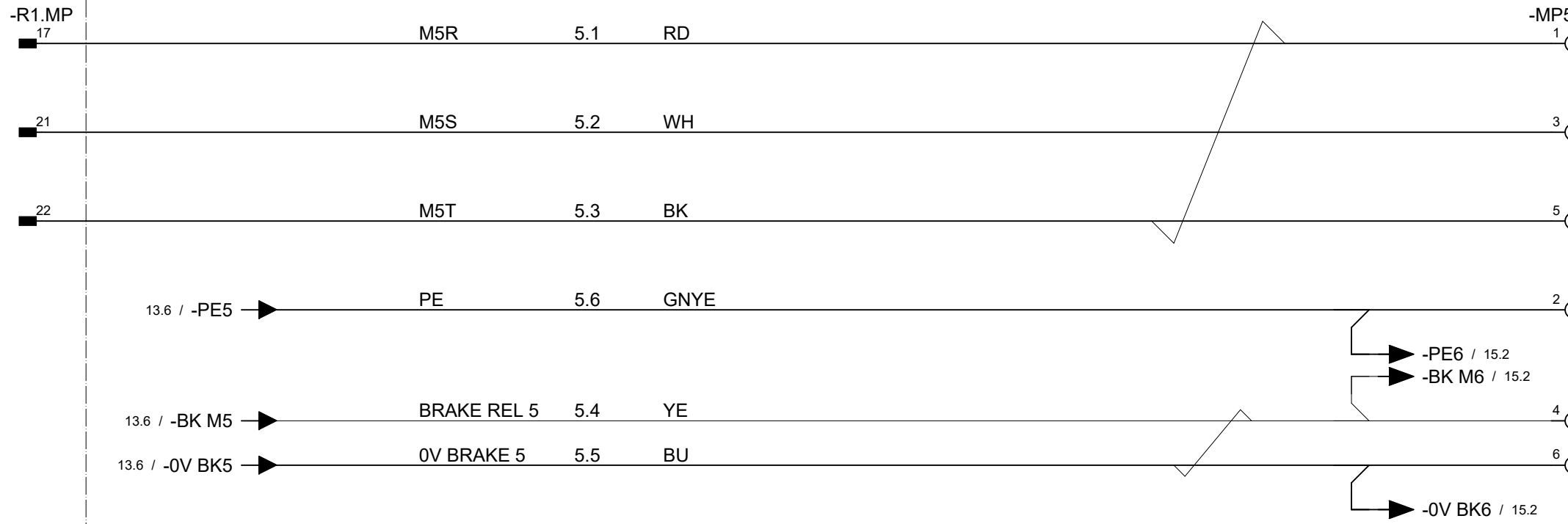


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AXIS 4

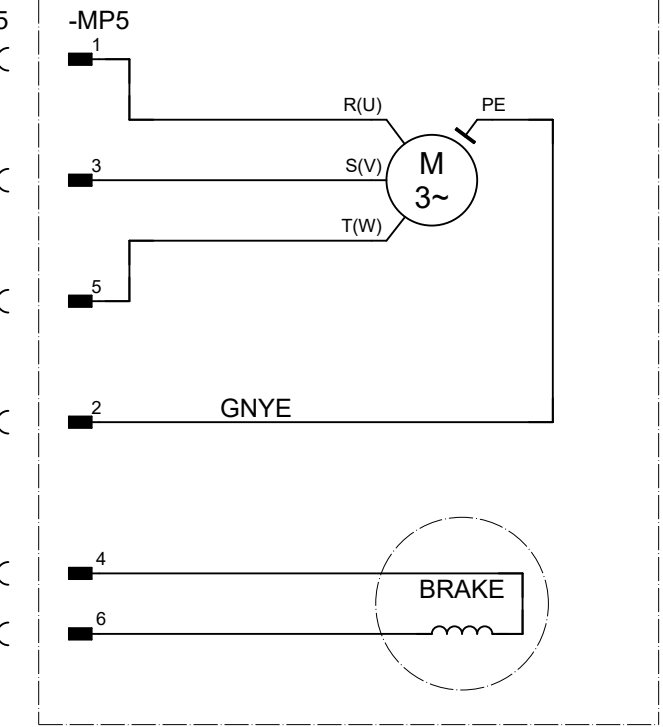
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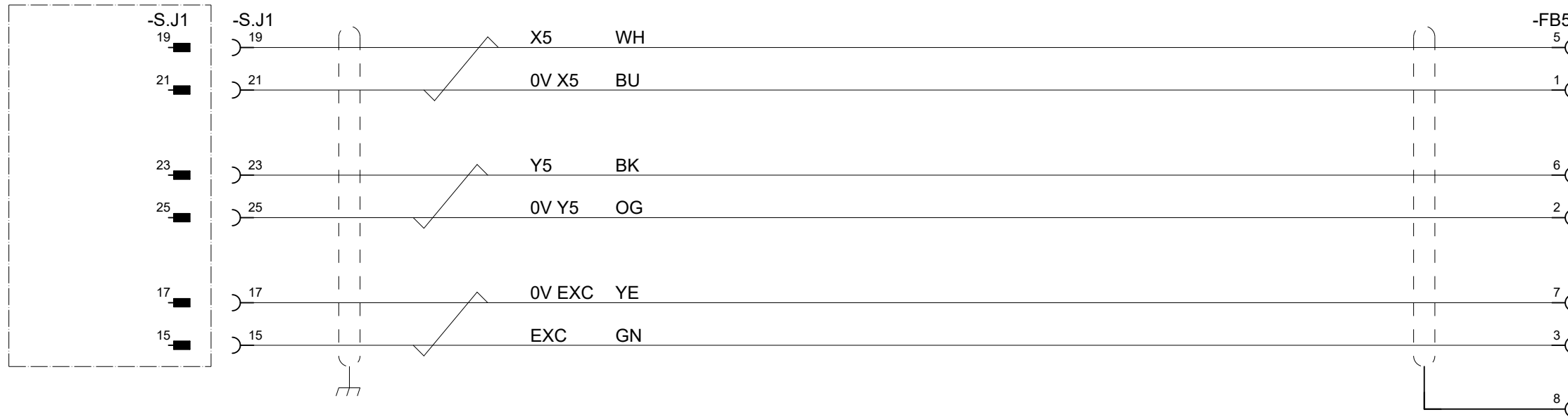
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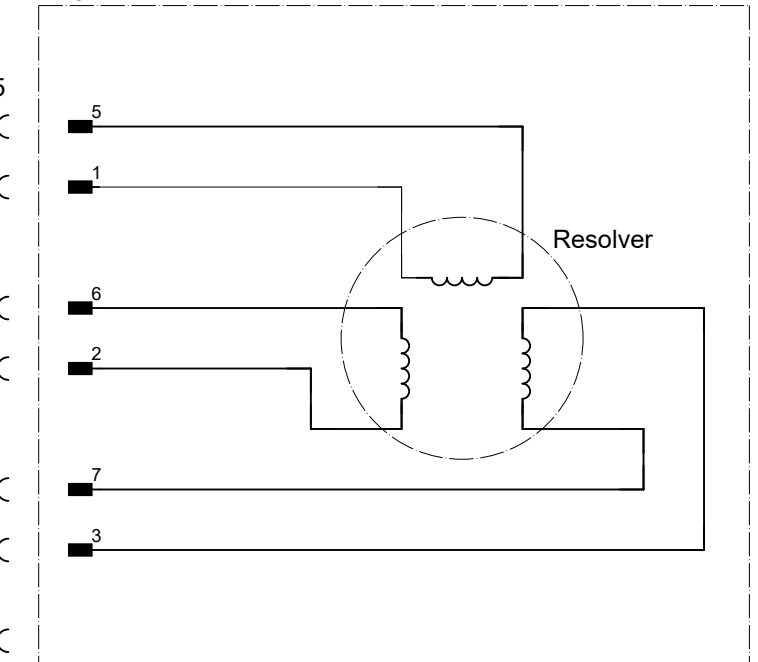
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-FB5



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AXIS 5

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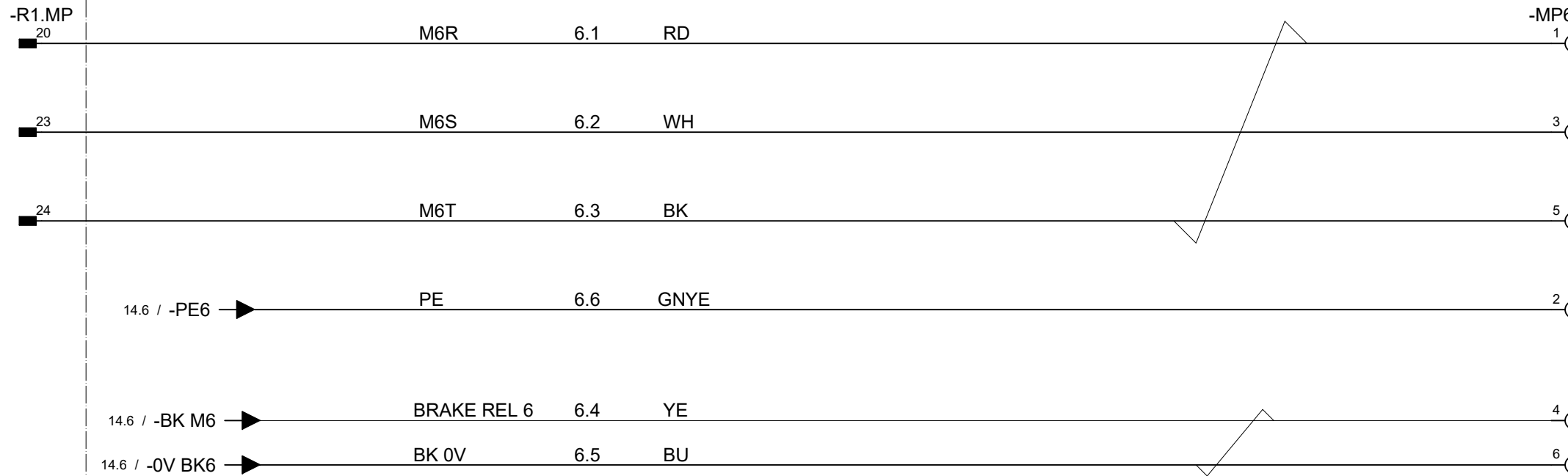
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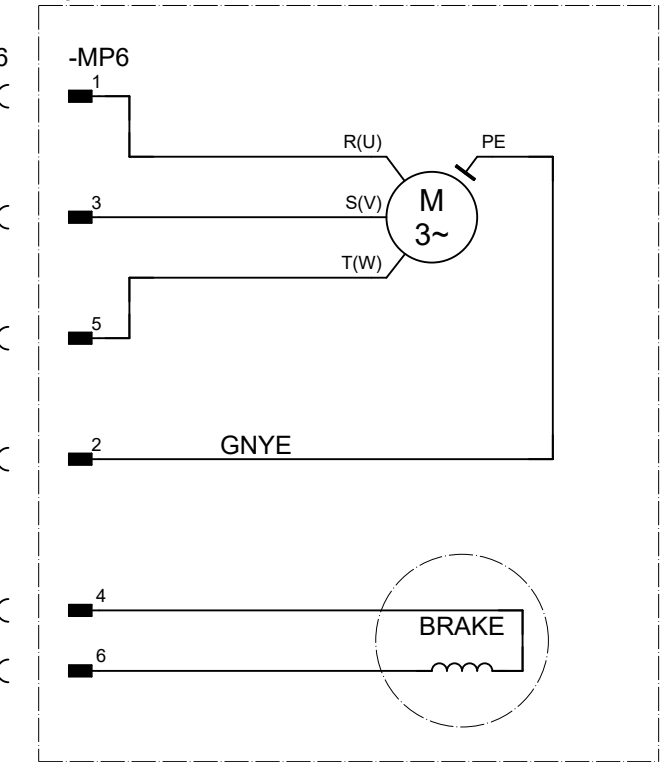
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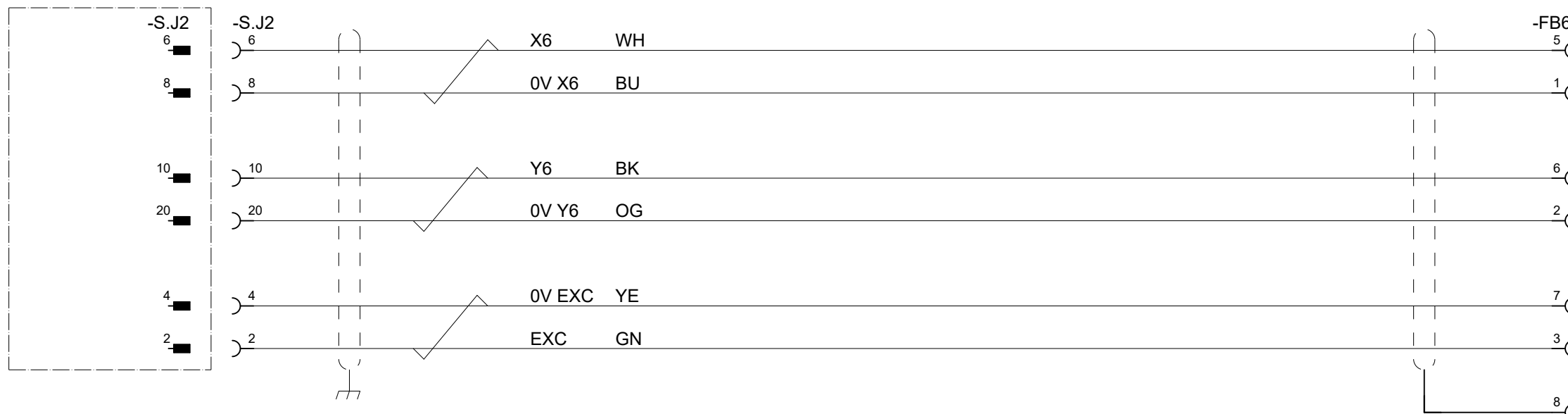
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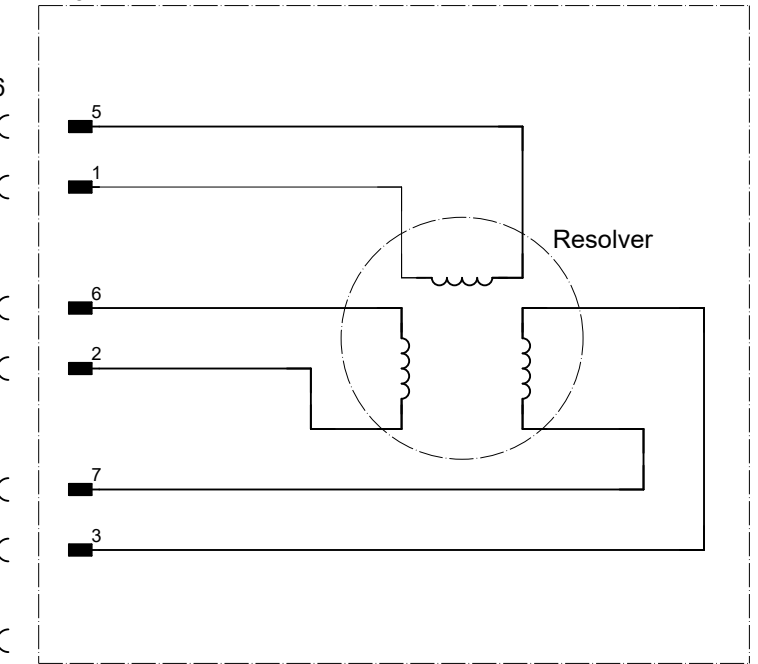
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-FB6



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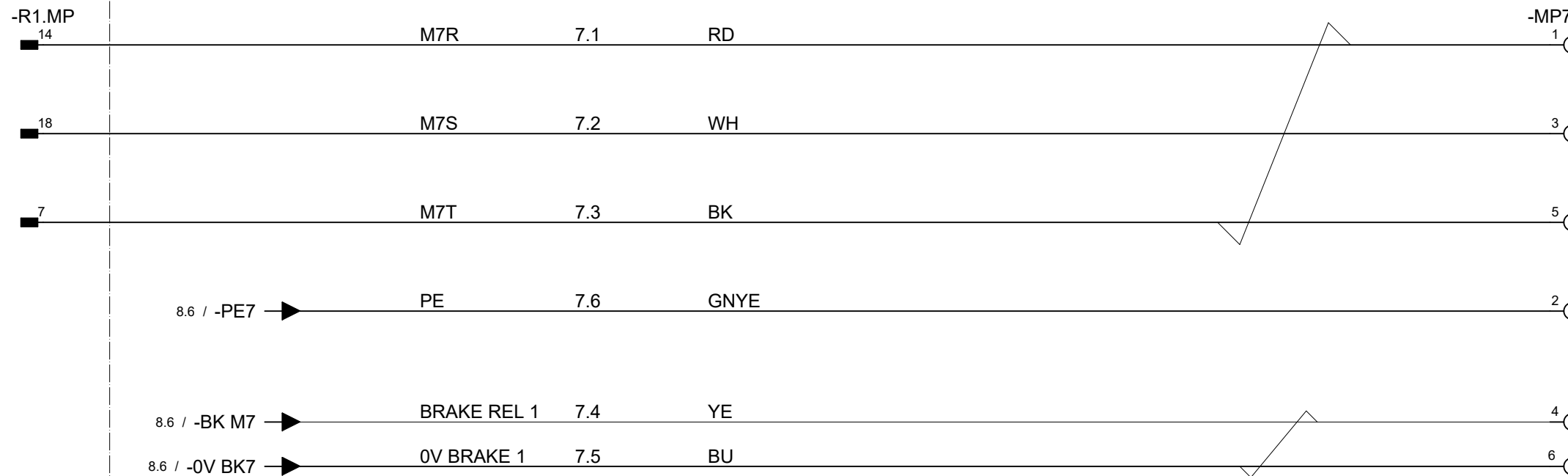
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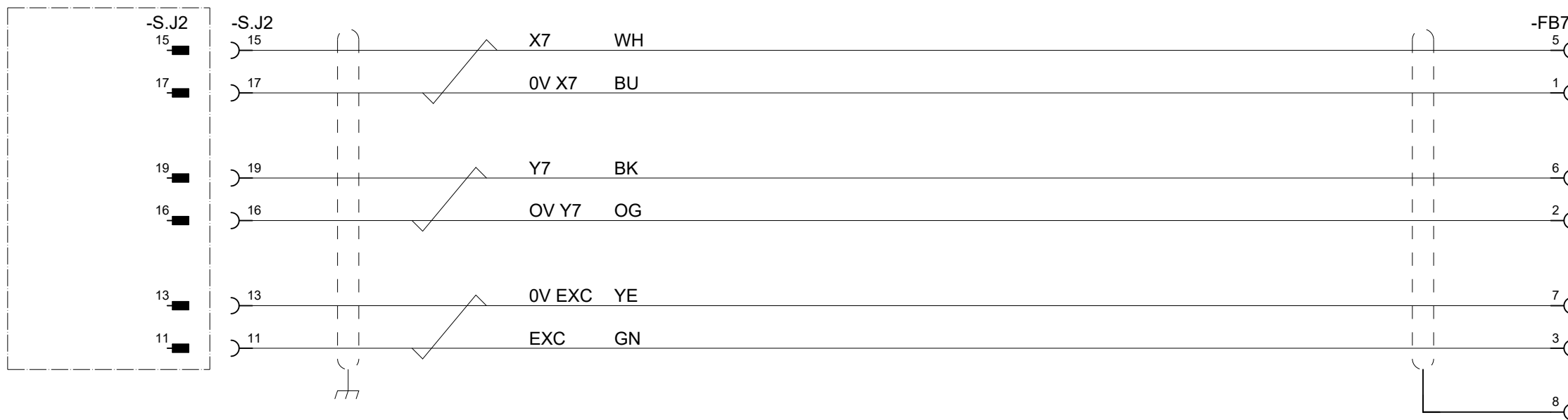
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Manipulator Base



-SMB



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Note : 1) Maximum rating in each C1 wire: 30V, 1.5A. Stresses above the limitation may cause permanent damage to the manipulator.