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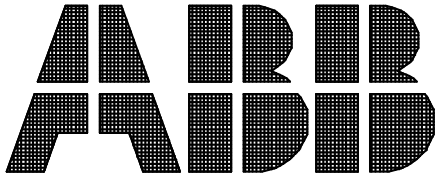
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					Document no. 3HAC080868-003	Rev. Ind 00
Prepared by, date: CNXIDEN3	Approved by, date: CNJOHAU					



Description : CRB1300
Drawing number : 3HAC080868-003
Drawing version : 00
Date :

Customer :
Year of construction :
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Drawn by : CNXIDEN3
Number of pages : 17
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Valid for:

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

Cable harness for CRB1300:

3HAC067161-006 Main Harness,S,Basic+Air+C1+C2+C3

3HAC067161-009 Main Harness,M,Basic+Air+C1+C2+C3


3HAC067161-012 Main Harness,L,Basic+Air+C1+C2+C3

3HAC067163-001 Brake Release Unit

3HAC081729-004 Process Hub, Basic+Air+C1+C2+C3

Board unit for IRB1300:

3HAC065316-001 SMB Unit

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2022-04-10 First version Ver00

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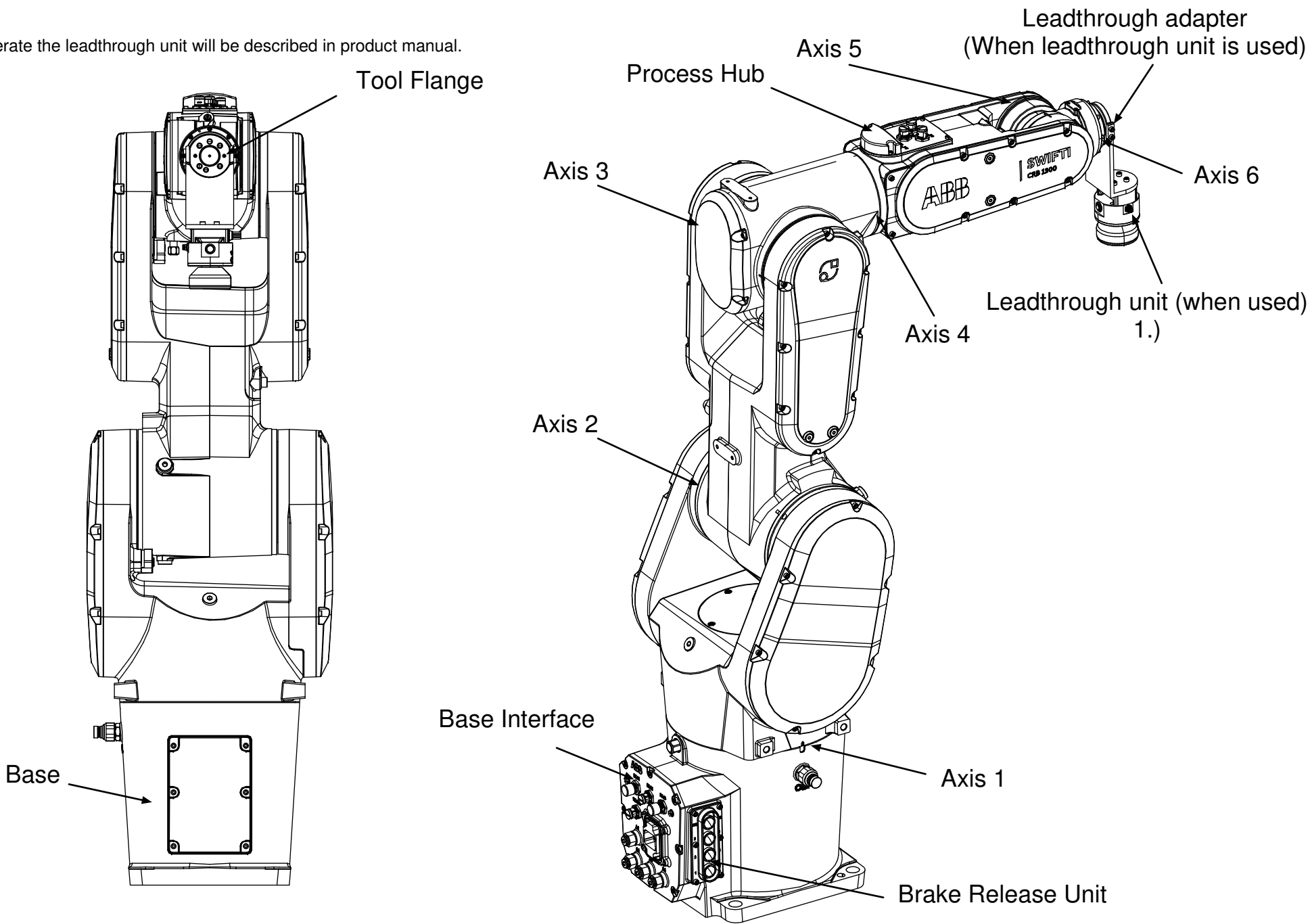
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CRB1300
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Note
 1: How to operate the leadthrough unit will be described in product manual.



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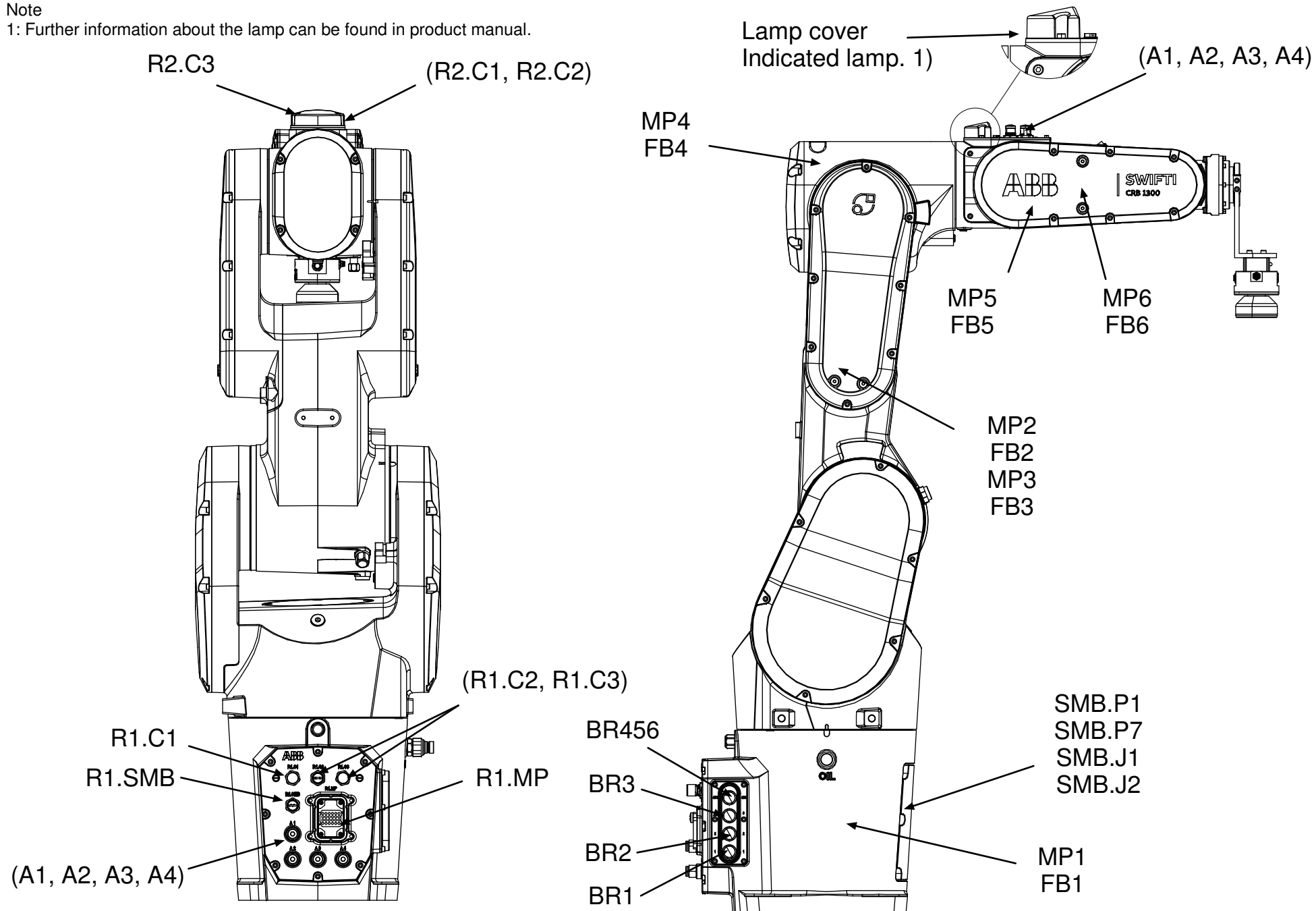
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CRB1300
 SYSTEM OVERVIEW

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Note

1: Further information about the lamp can be found in product manual.



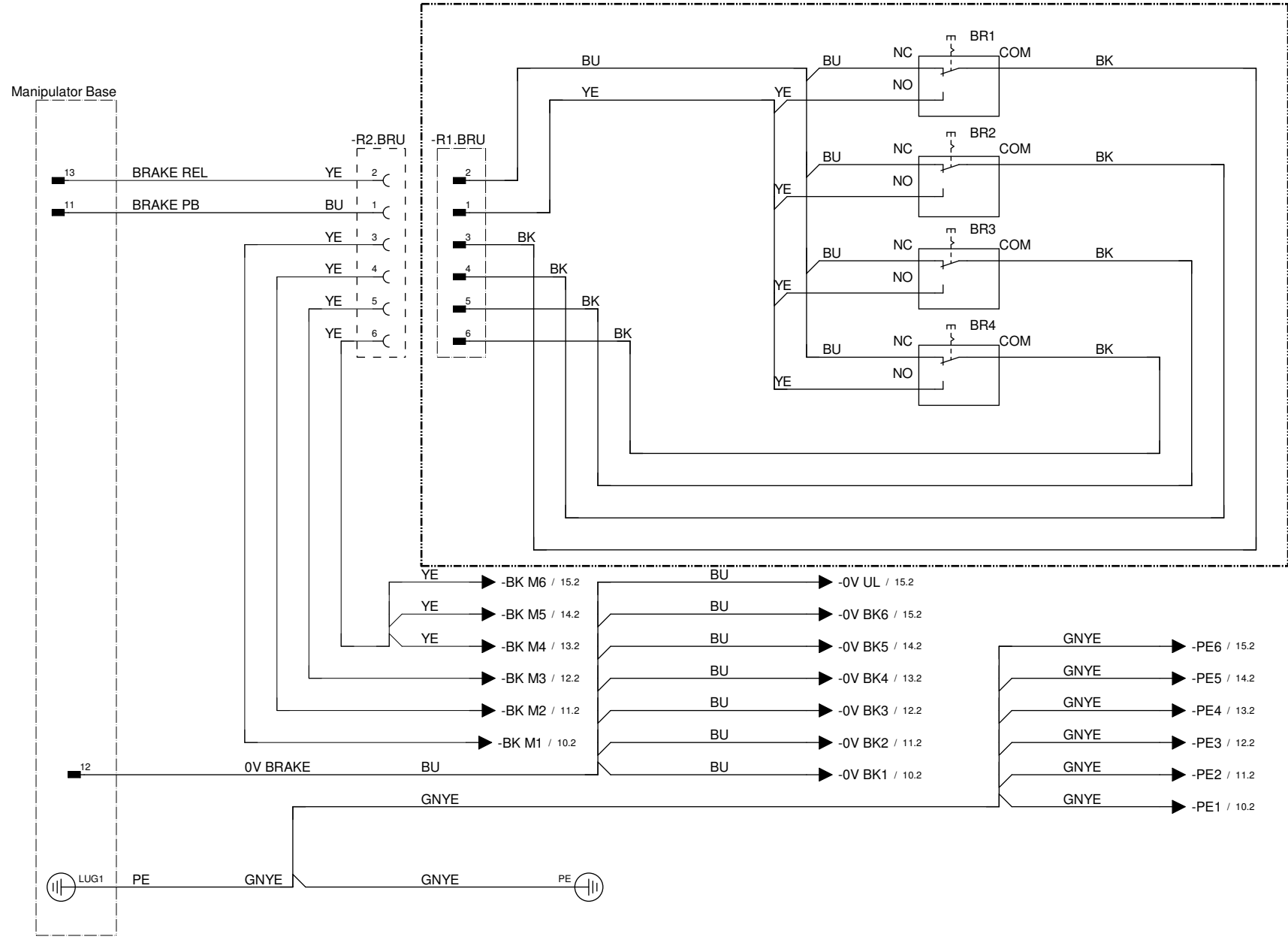
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ABB	Lab/Office: RA/RDP	CRB1300 CONNECTION POINT LOCATION

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Brake Release Unit

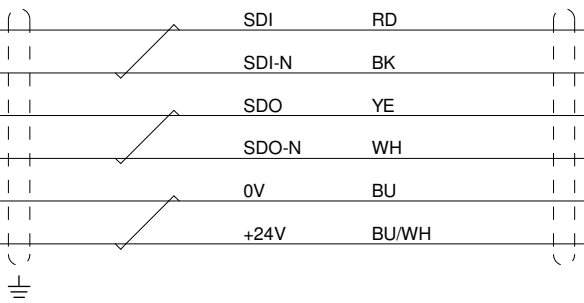
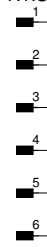


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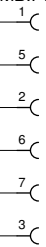
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-R1.SMB

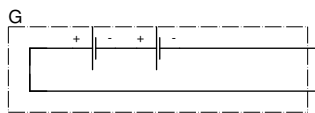
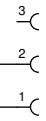


-SMB

-SMB.P7



-SMB.P1



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CRB1300
SERIAL MEASUREMENT BOARD

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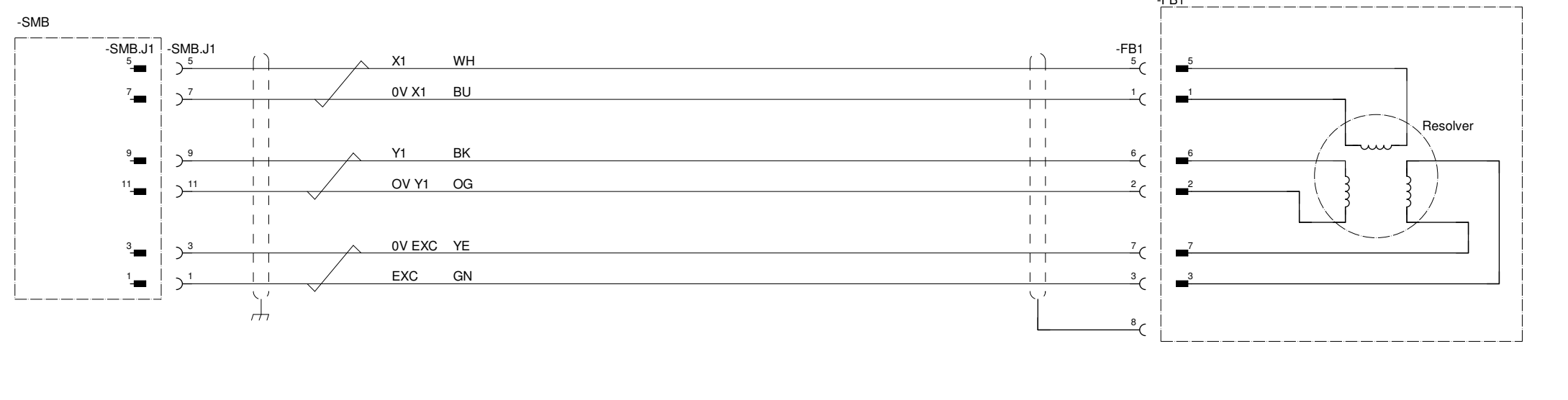
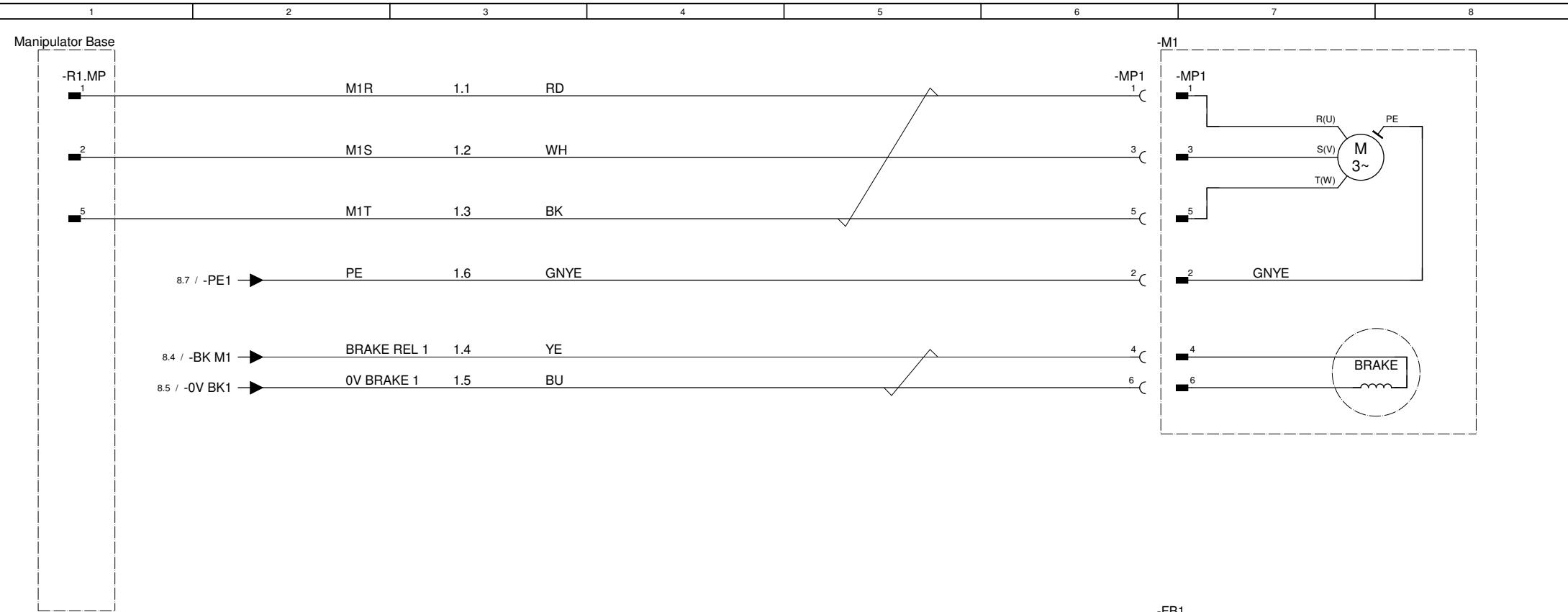
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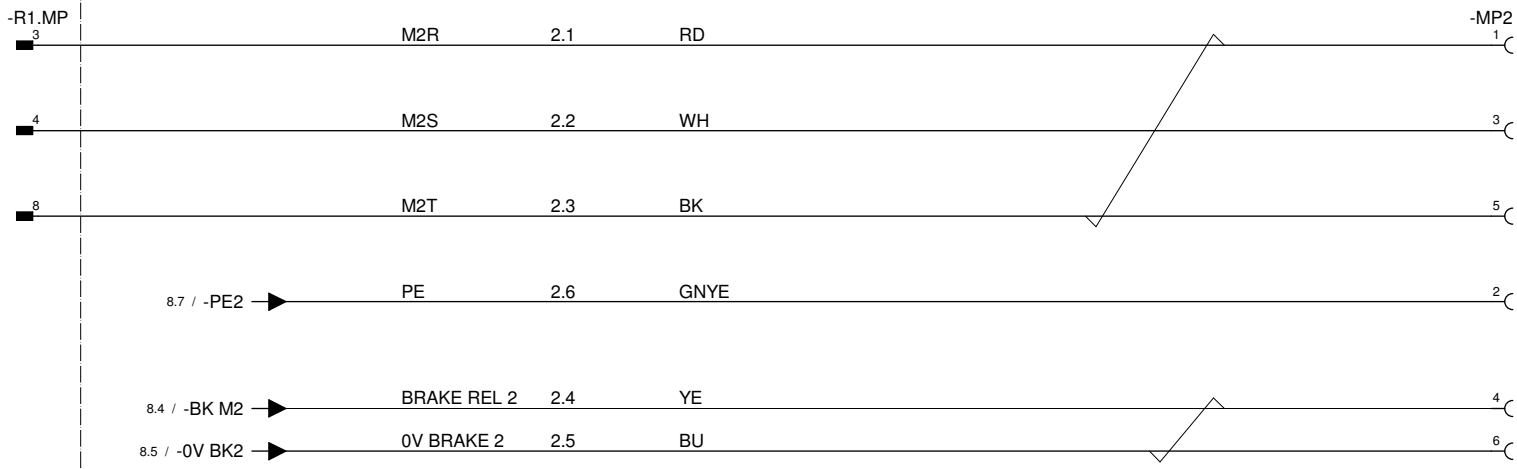
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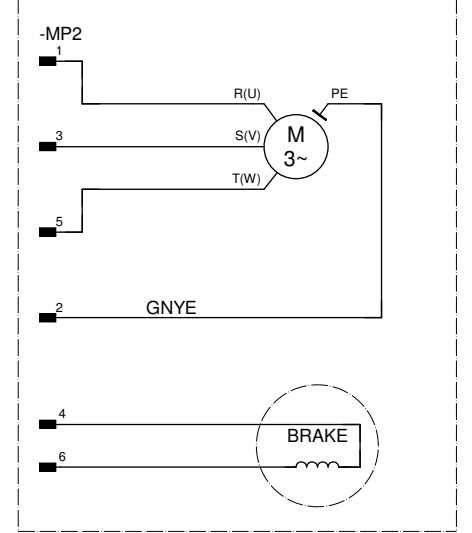
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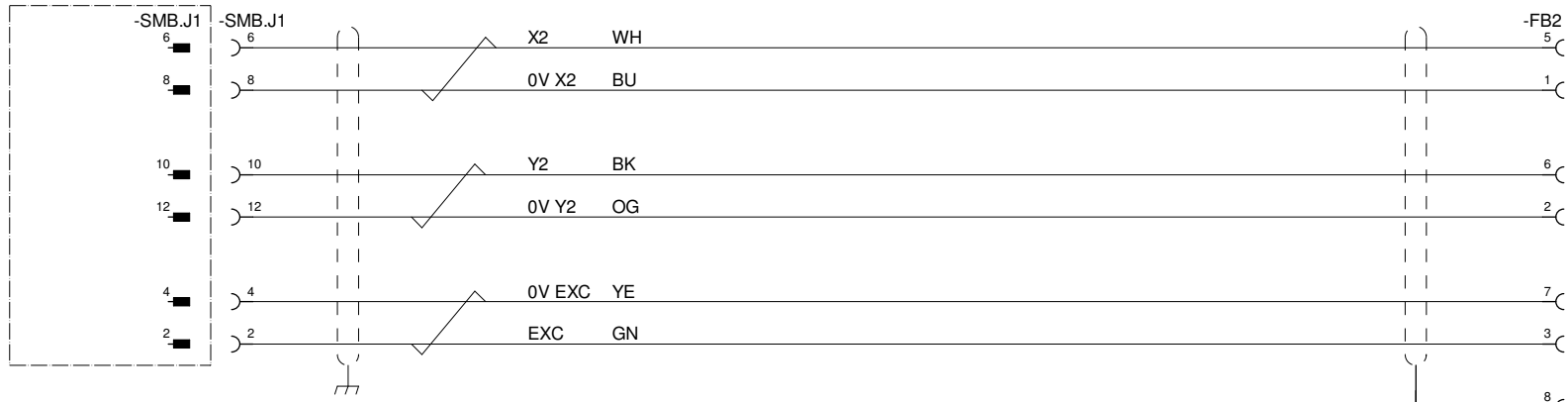
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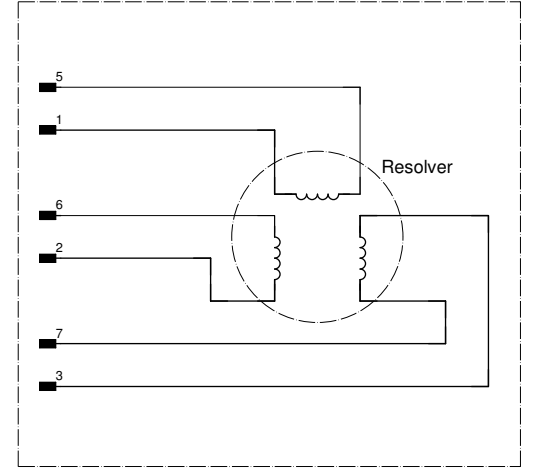
-M2



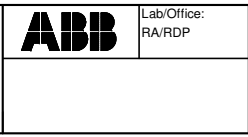
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-FB2



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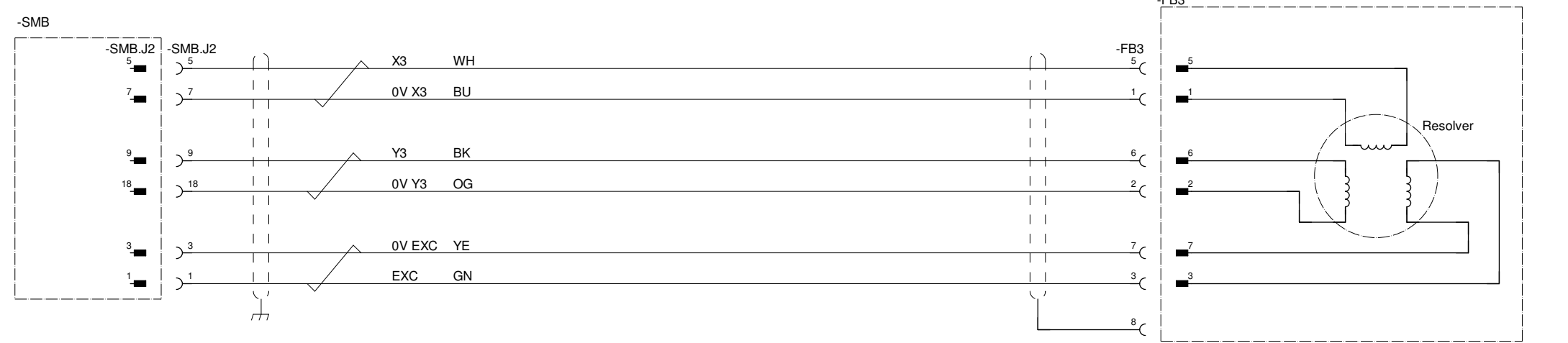
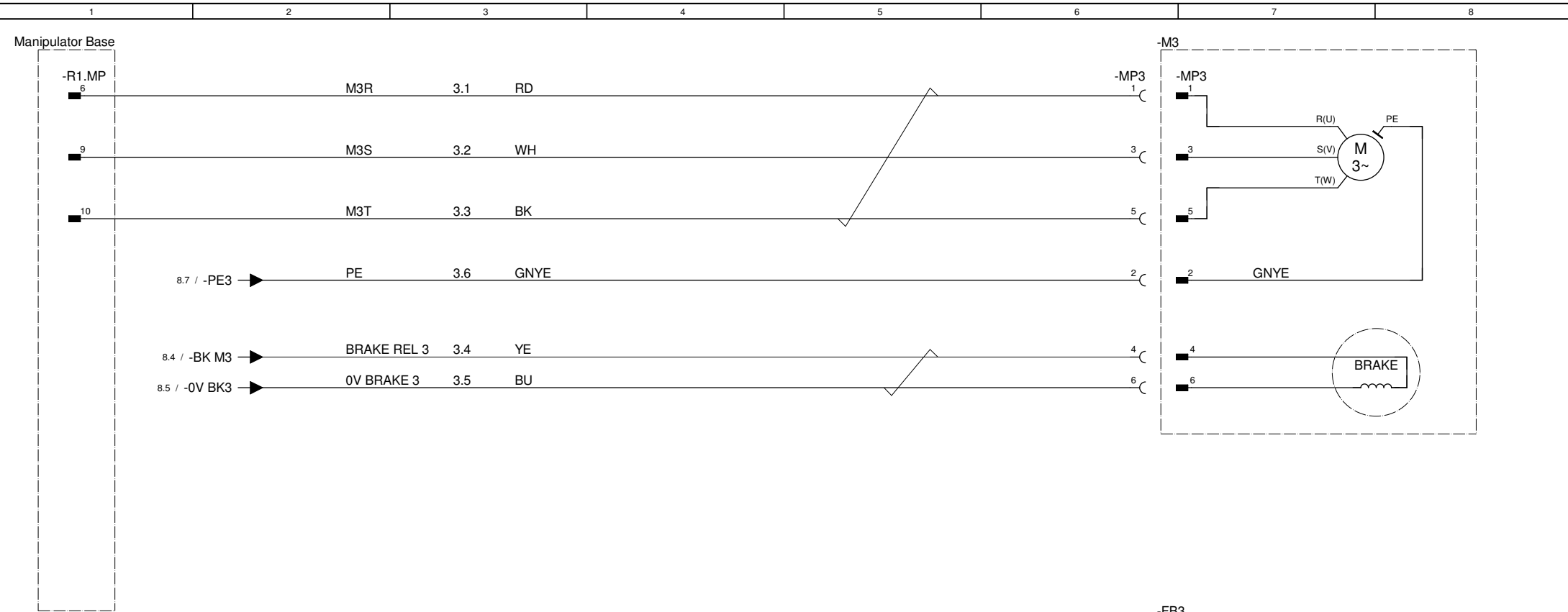


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 AXIS 2

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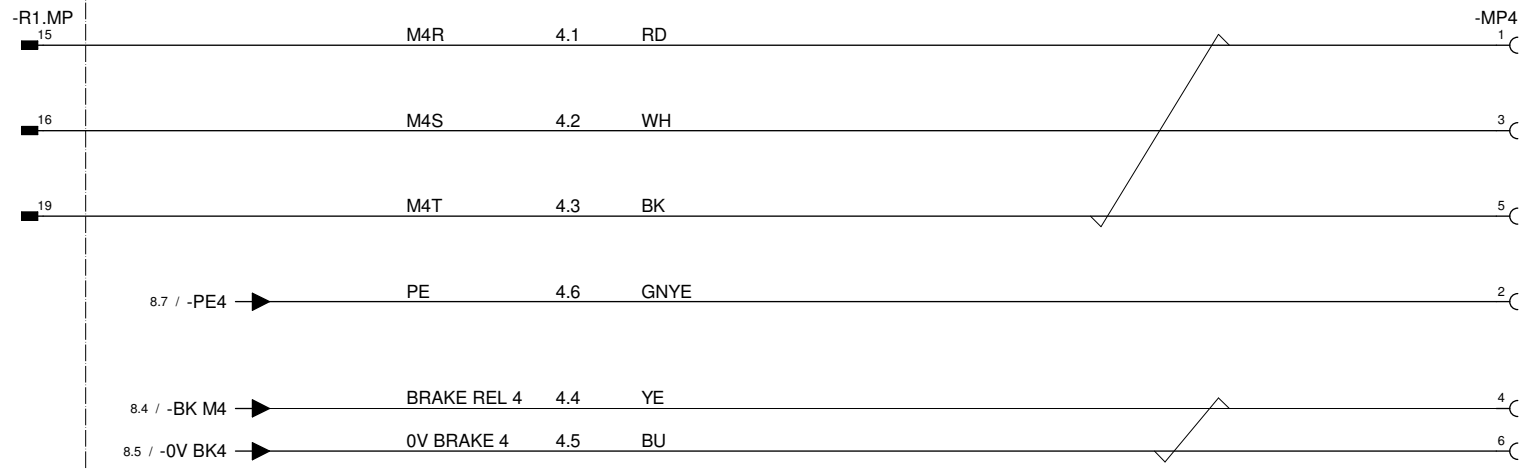
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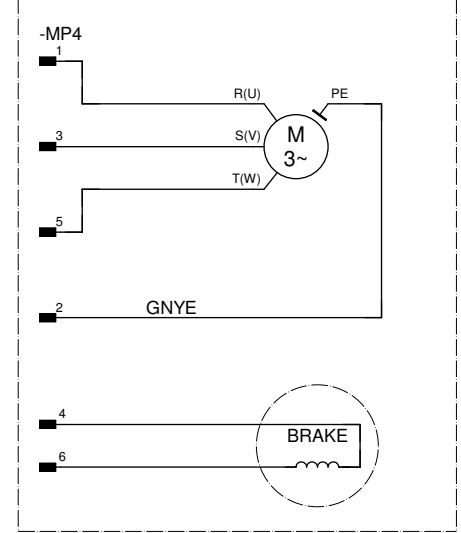
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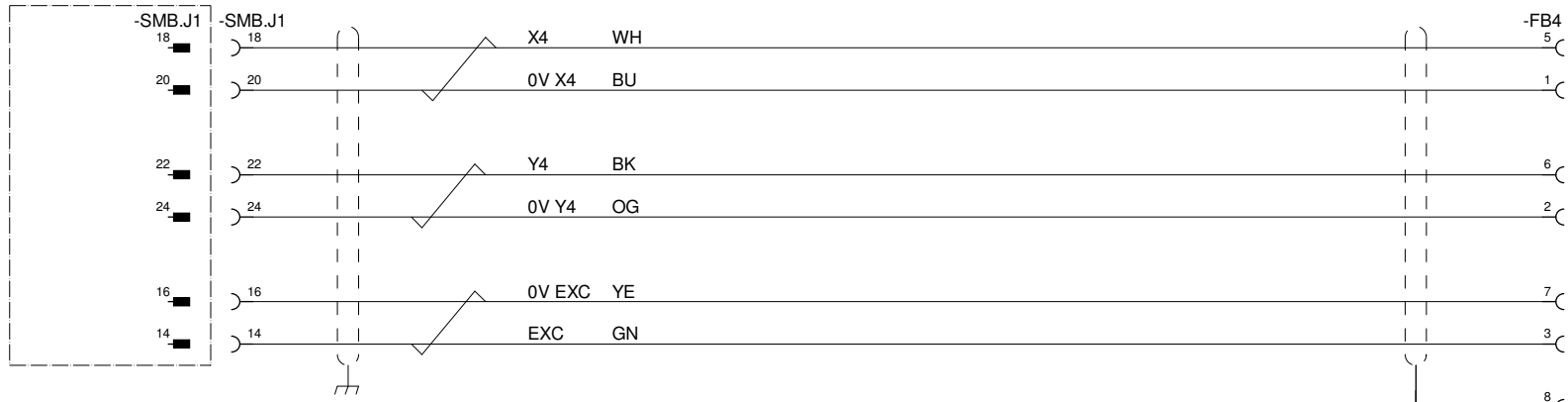
Manipulator Base



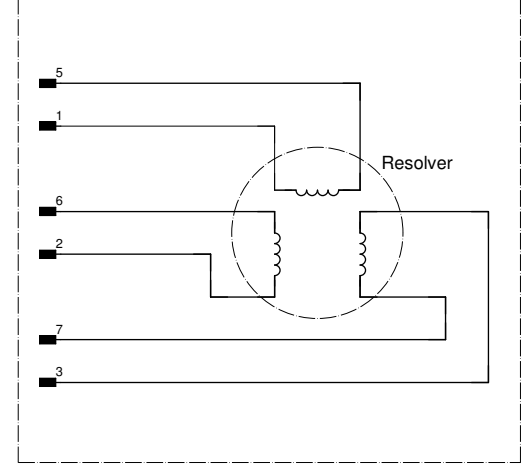
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-SMB



-FB4



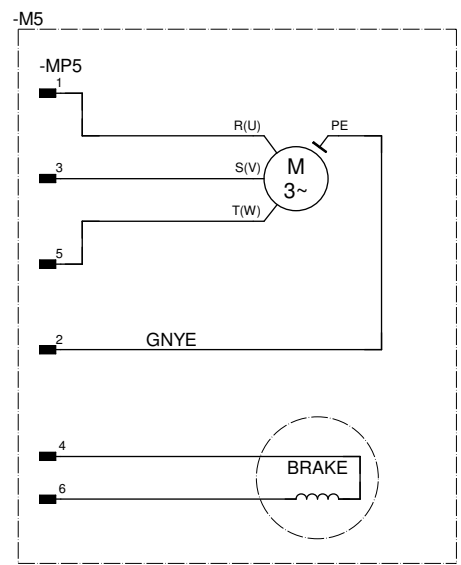
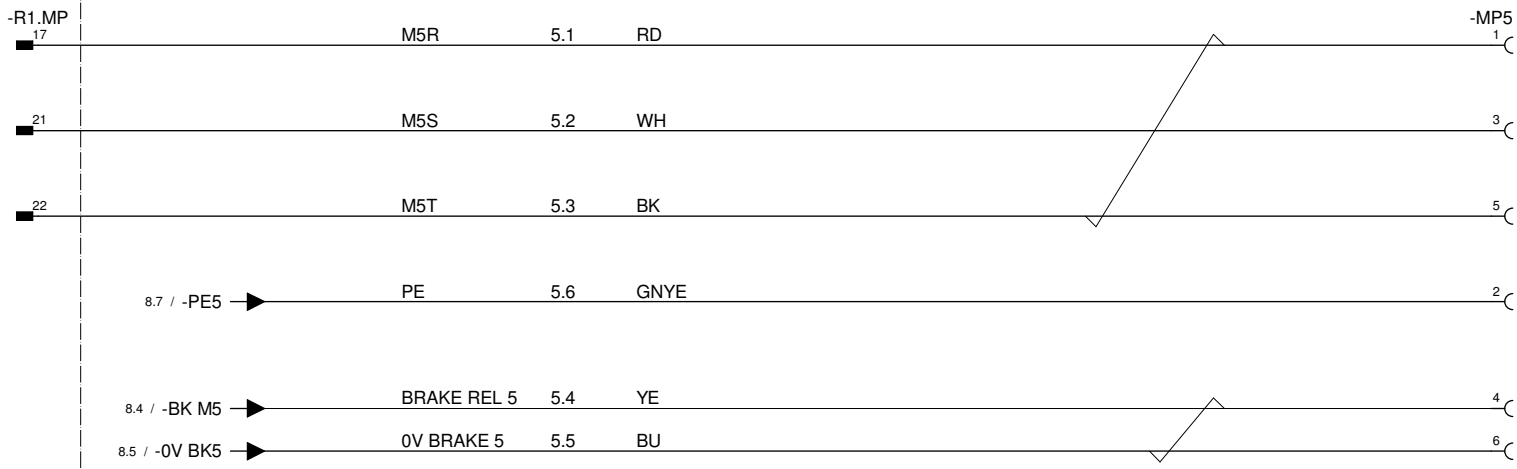
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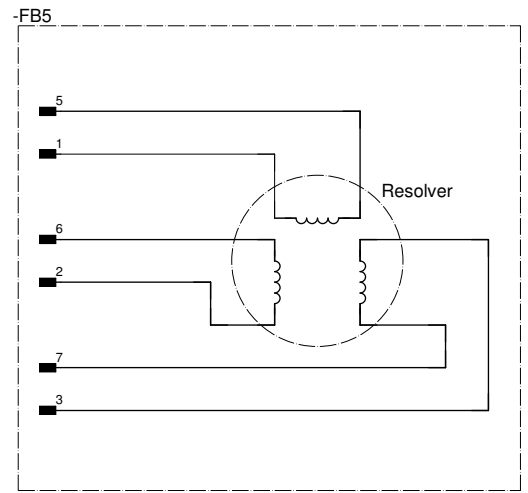
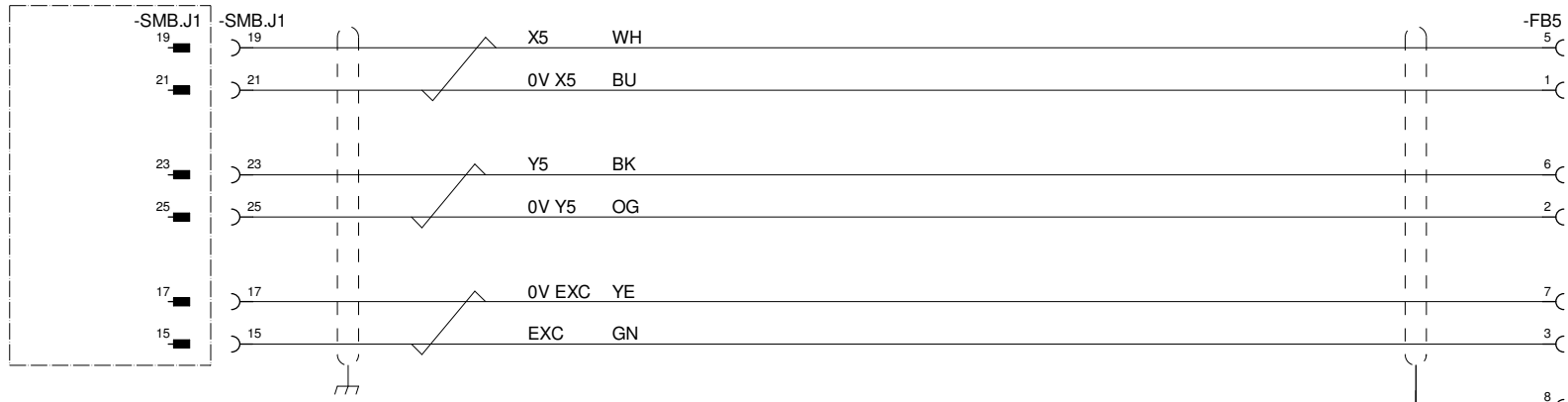
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Manipulator Base



-SMB



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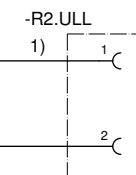
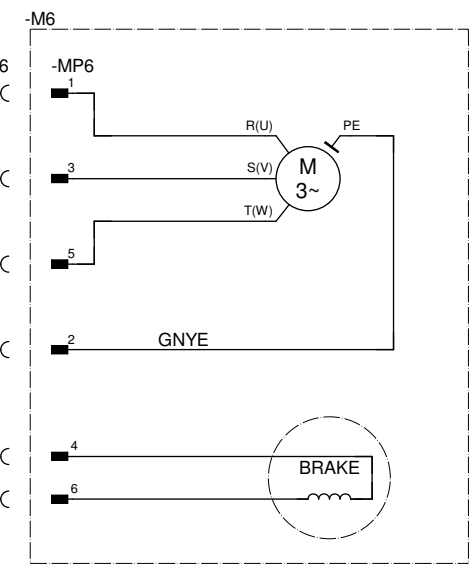
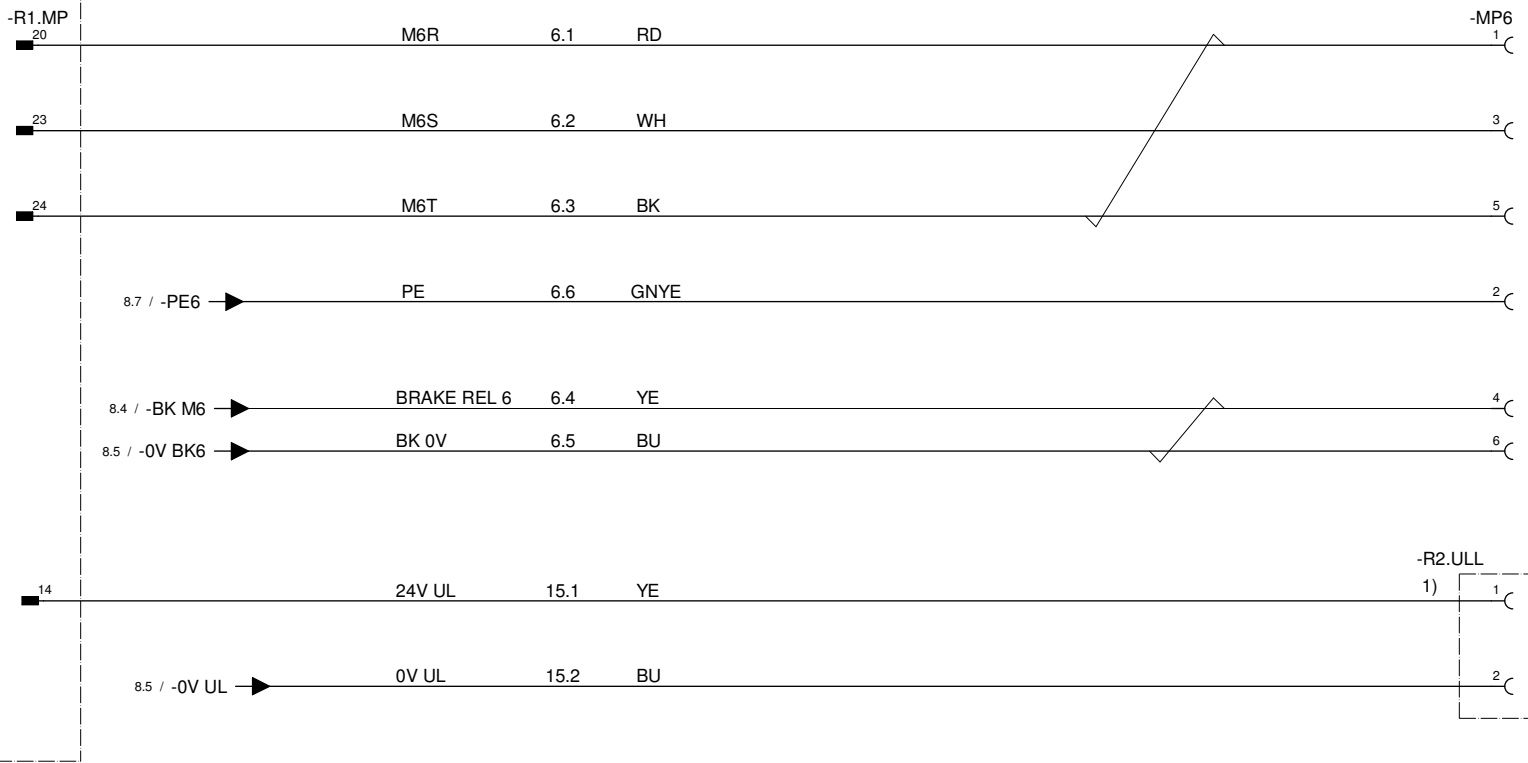
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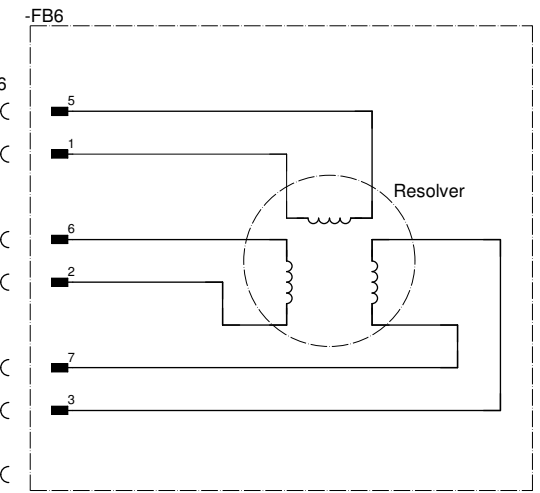
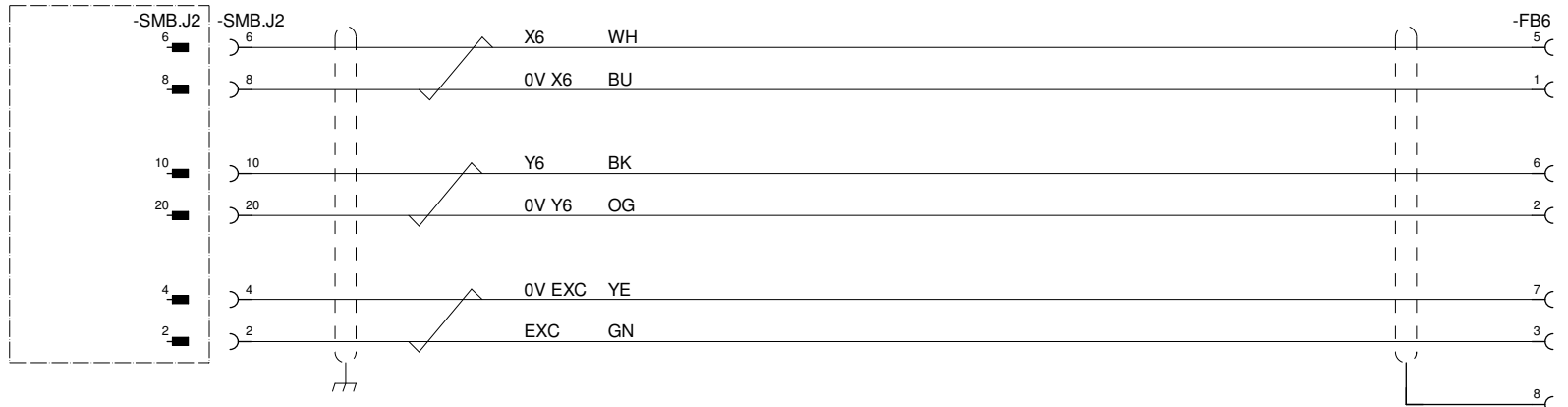
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Manipulator Base



1) R2.ULL is only reserved for UL lamp.

-SMB

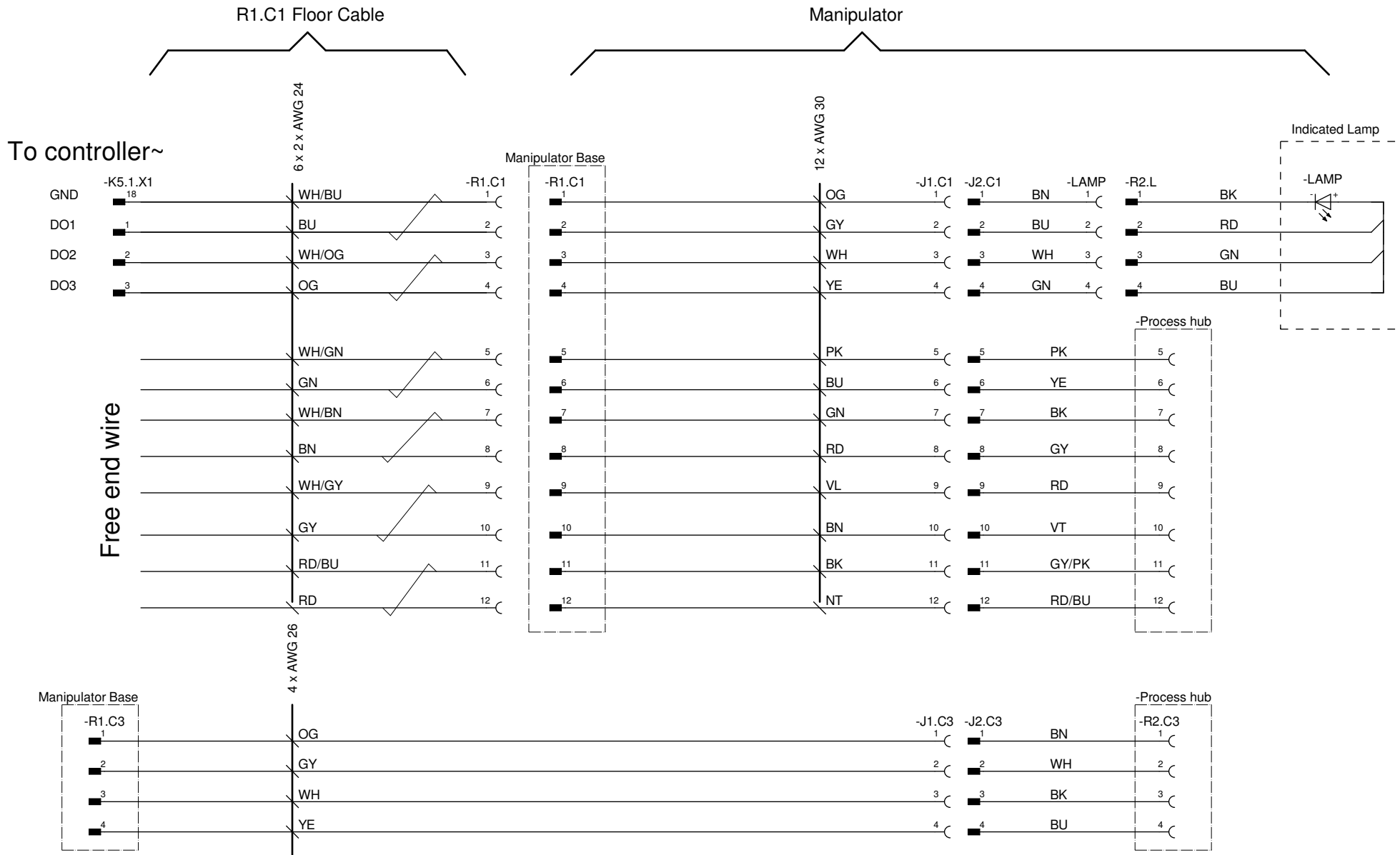


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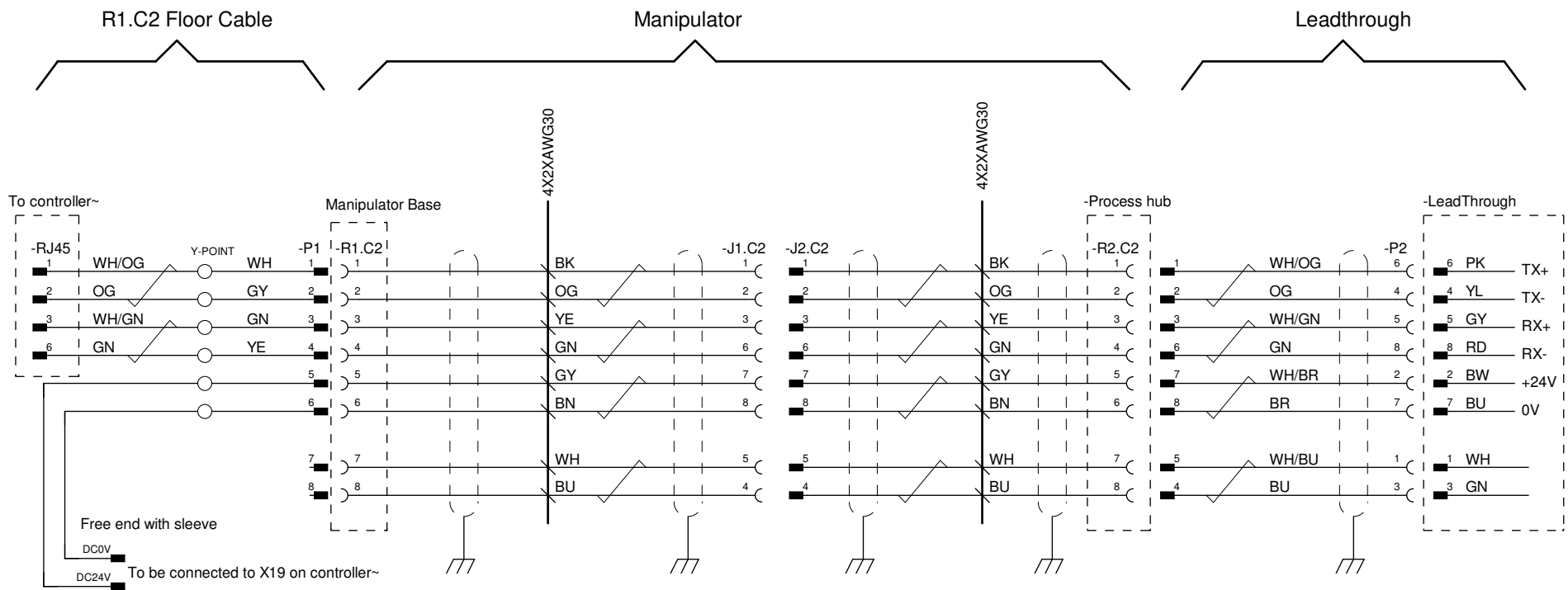
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Note : 1) Maximum rating in each C1 wire: 30V, 1.5A. Stresses above the limitation may cause permanent damage to the manipulator.
 Note : 2) Maximum rating in each C3 wire: 42V DC or 25V AC, 4A. Stresses above the limitation may cause permanent damage to the manipulator



Note : 1): Ethernet cable connecting instruction 3HAC063936-005

Note : 2): Maximum rating in each C2 wire: 30V, 1A (when not using for Ethernet). Stresses above the limitation may cause permanent damage to the manipulator.

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