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Prepared by, date: Erik Mesaros	Approved by, date: Jan-Erik Nähls				

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IRB 8700
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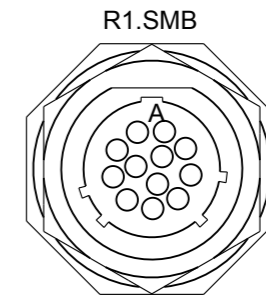
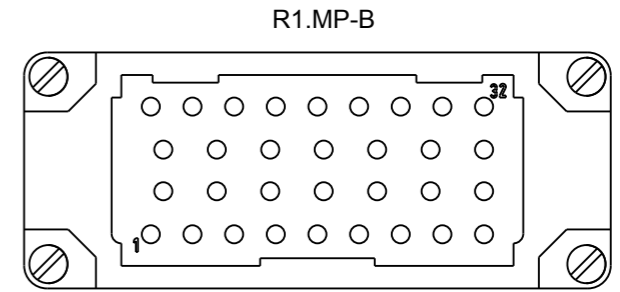
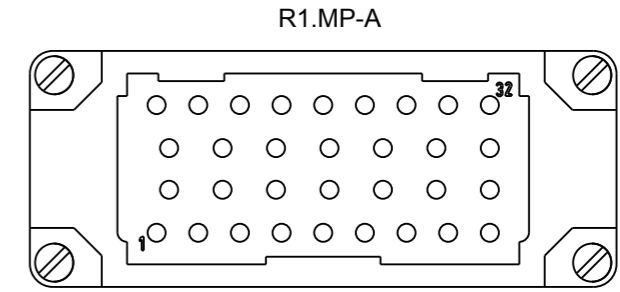
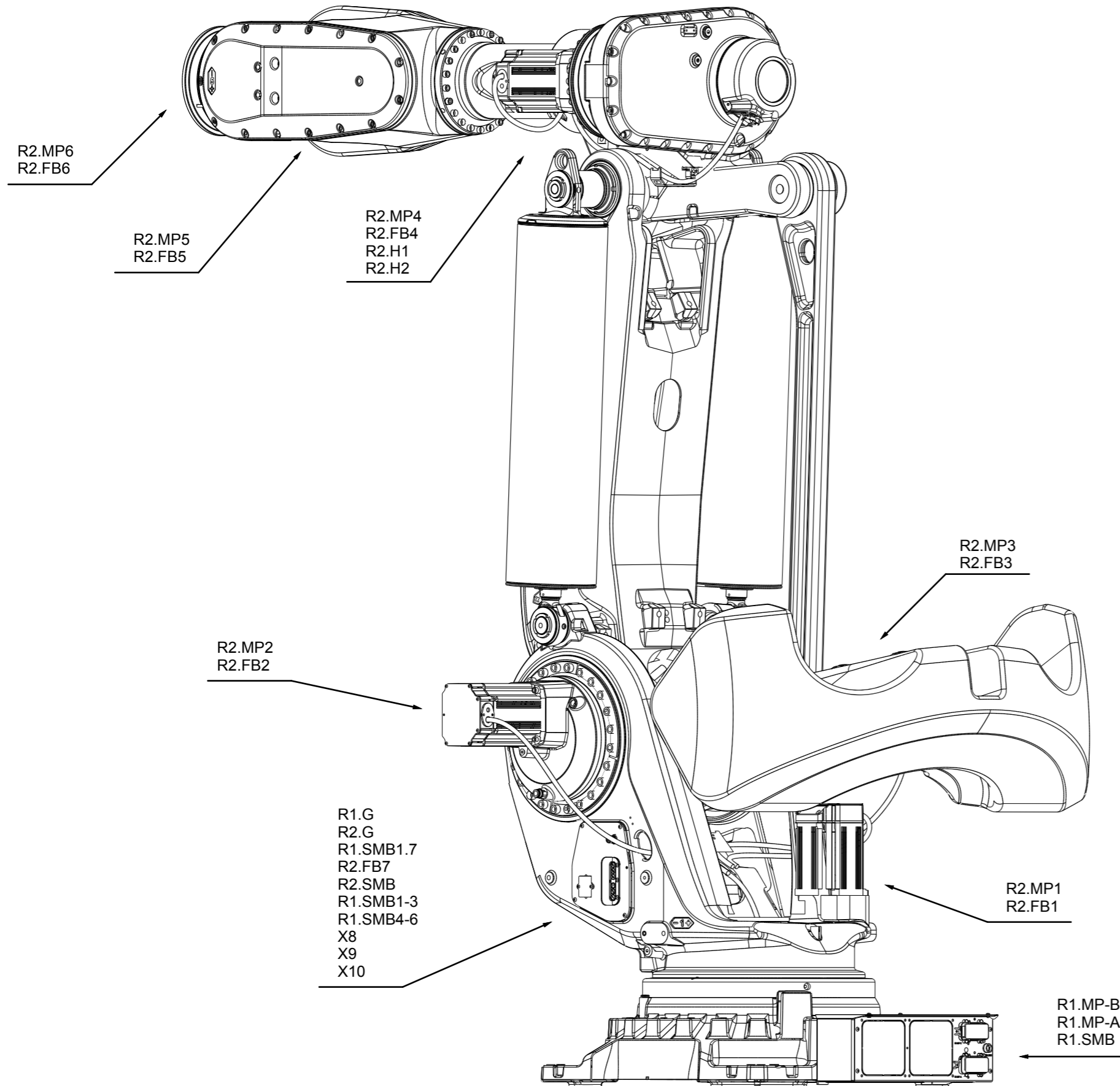
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Valid For:
 This circuit diagram is valid for the following cable harness assemblies:
 3HAC050792-001: Manipulator harness axis 1-6
 (3HAC046642-001: Brake release unit
 3HAC043904-001: SMB unit
 3HAC15619-2: Cable, FB7-SMB 1.7
 3HAC044075-001: Battery unit
 3HAC046287-001: Cable, battery-SMB
 3HAC047052-001 UL signal lamp)

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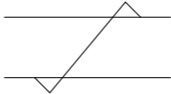
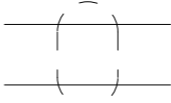
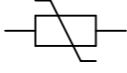
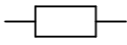
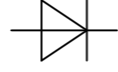
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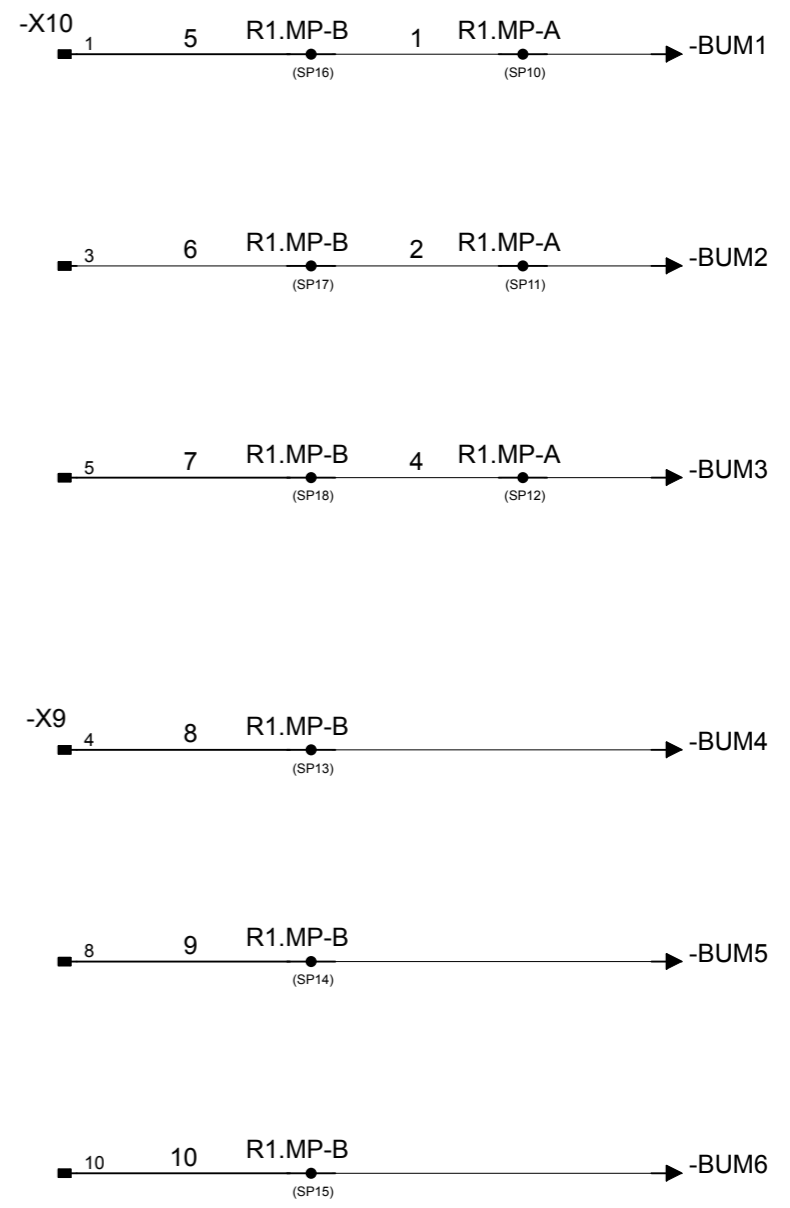
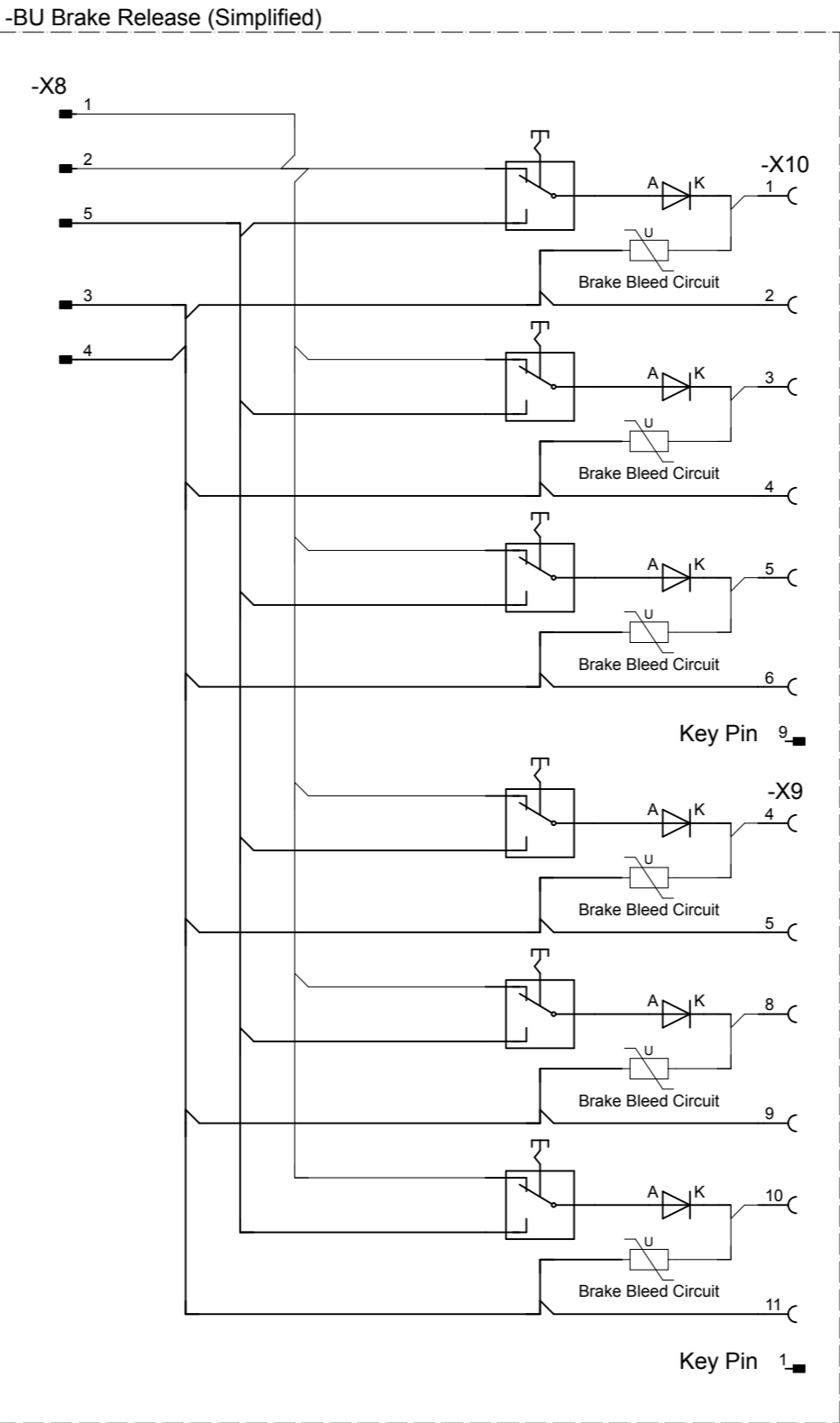
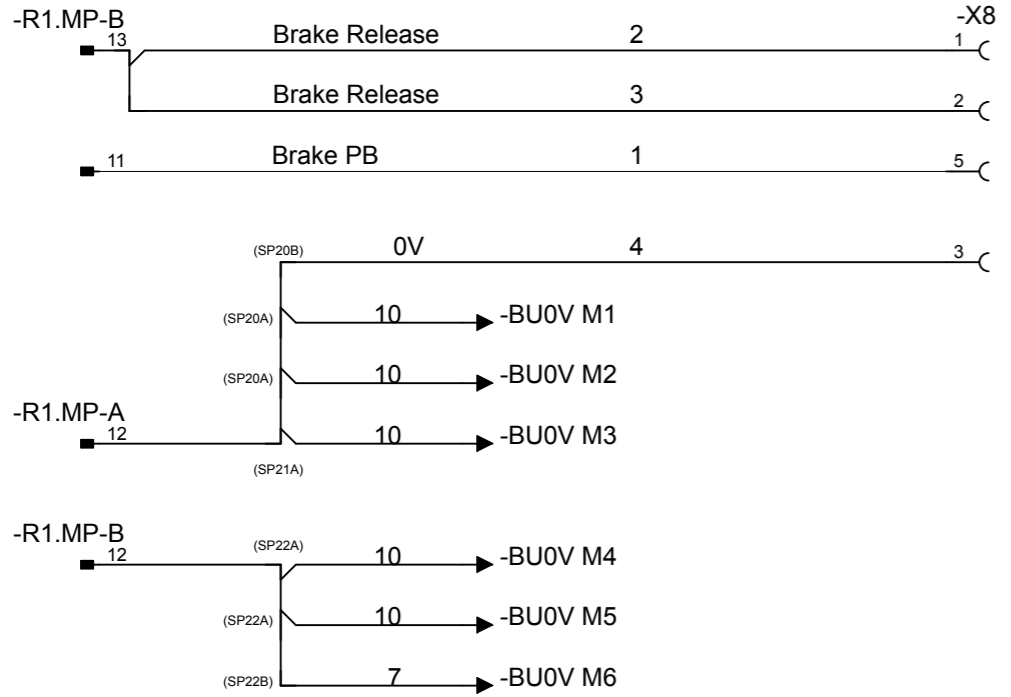
R1.MP-B
R1.MP-A
R1.SMB

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M	Motor		Protective Earth
B	Brake		
PTC	Temp sensor (PTC- resistor)		Twisted wires
R	Resolver		
G	Battery Pack		Screened wires
BU	Brake Release Unit		Varistor
FB	Feedback unit		Resistor
SMB	Serial Measurement Board		
FAN	Fan		Diode
SW	Position switch		
Keypin	Location pin to avoid mismatch		

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Brake Release Unit

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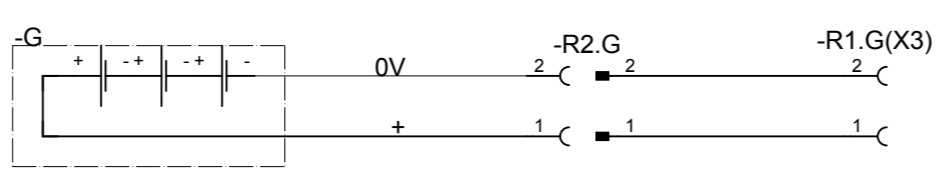
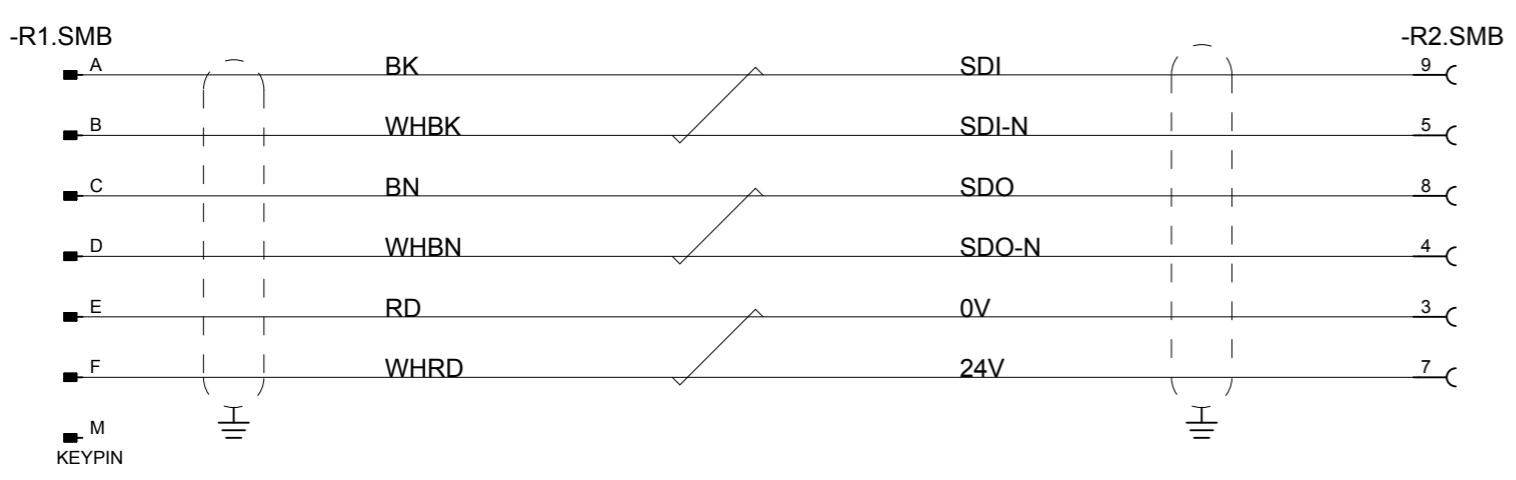
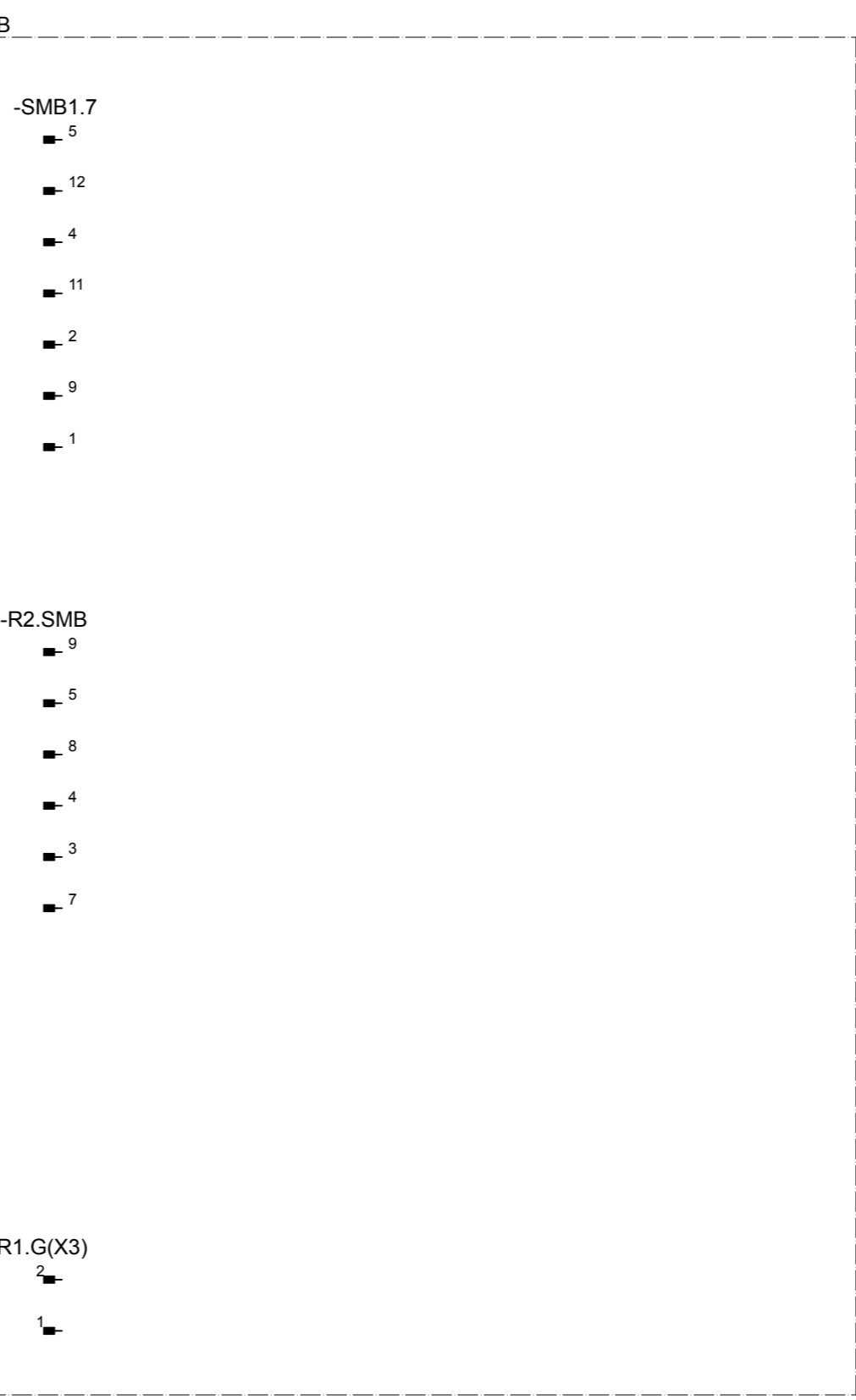
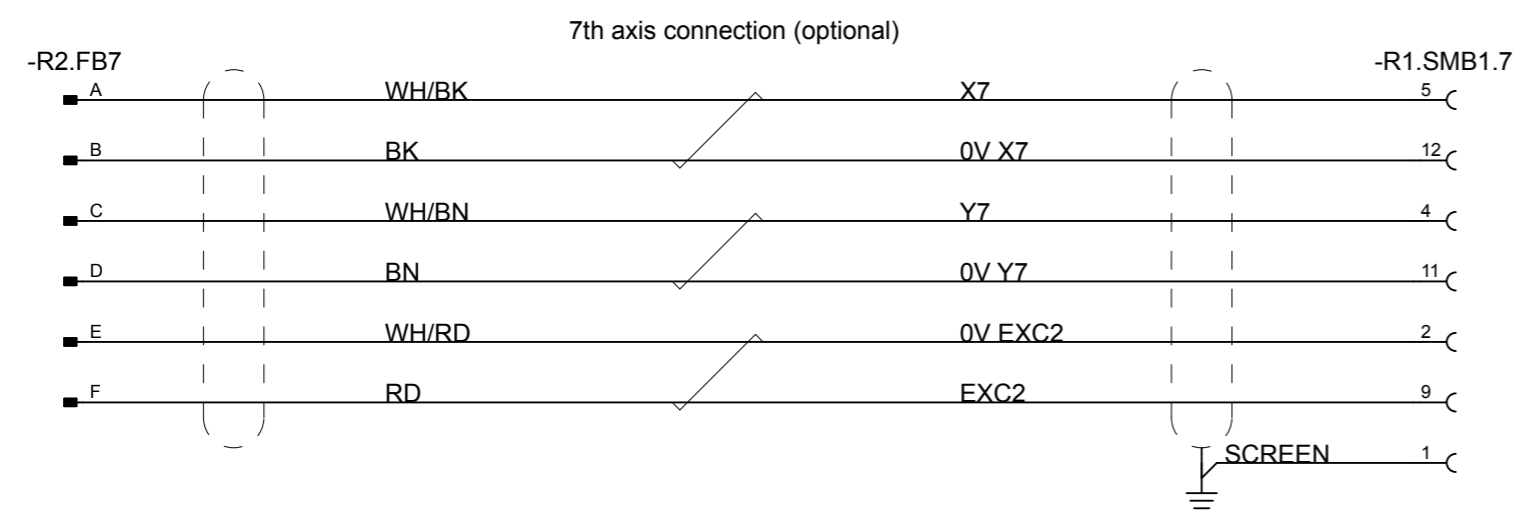
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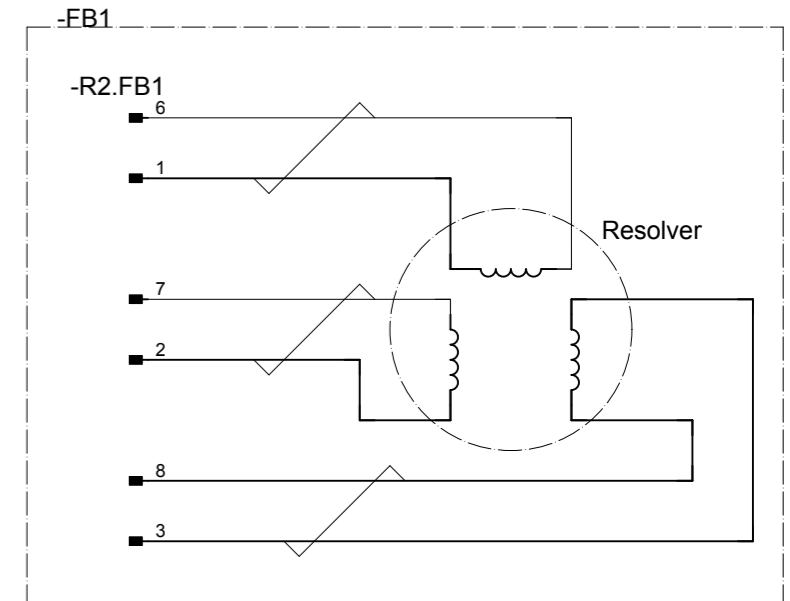
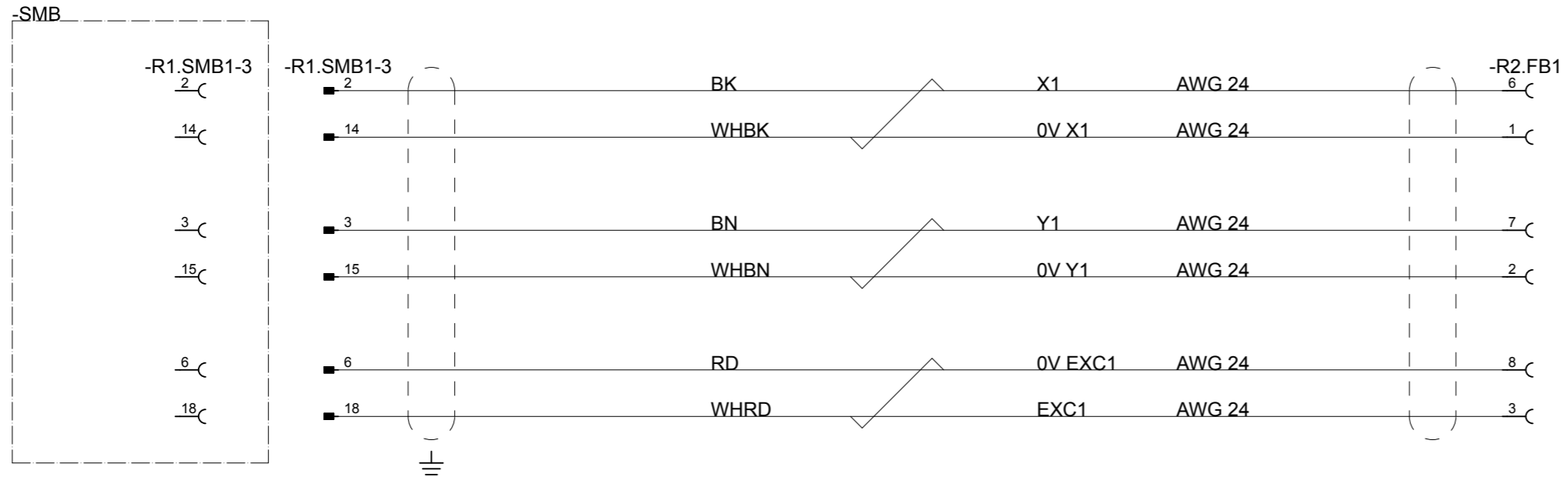
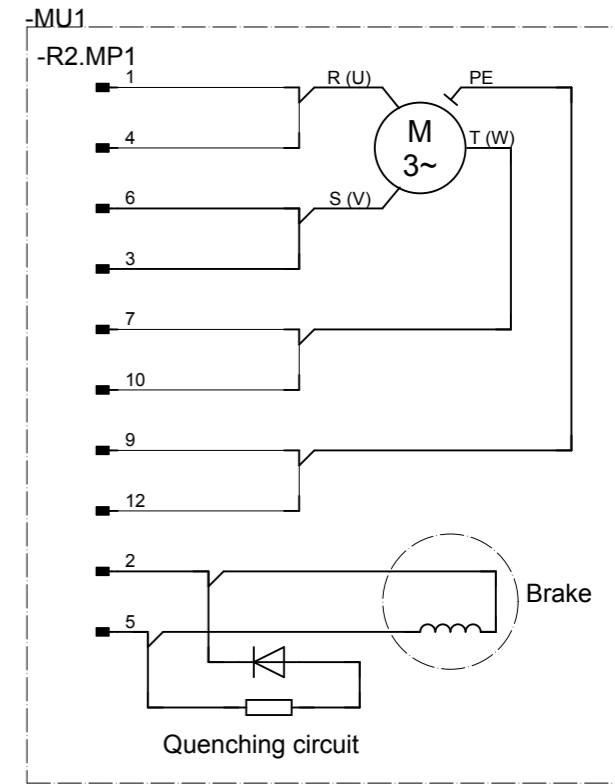
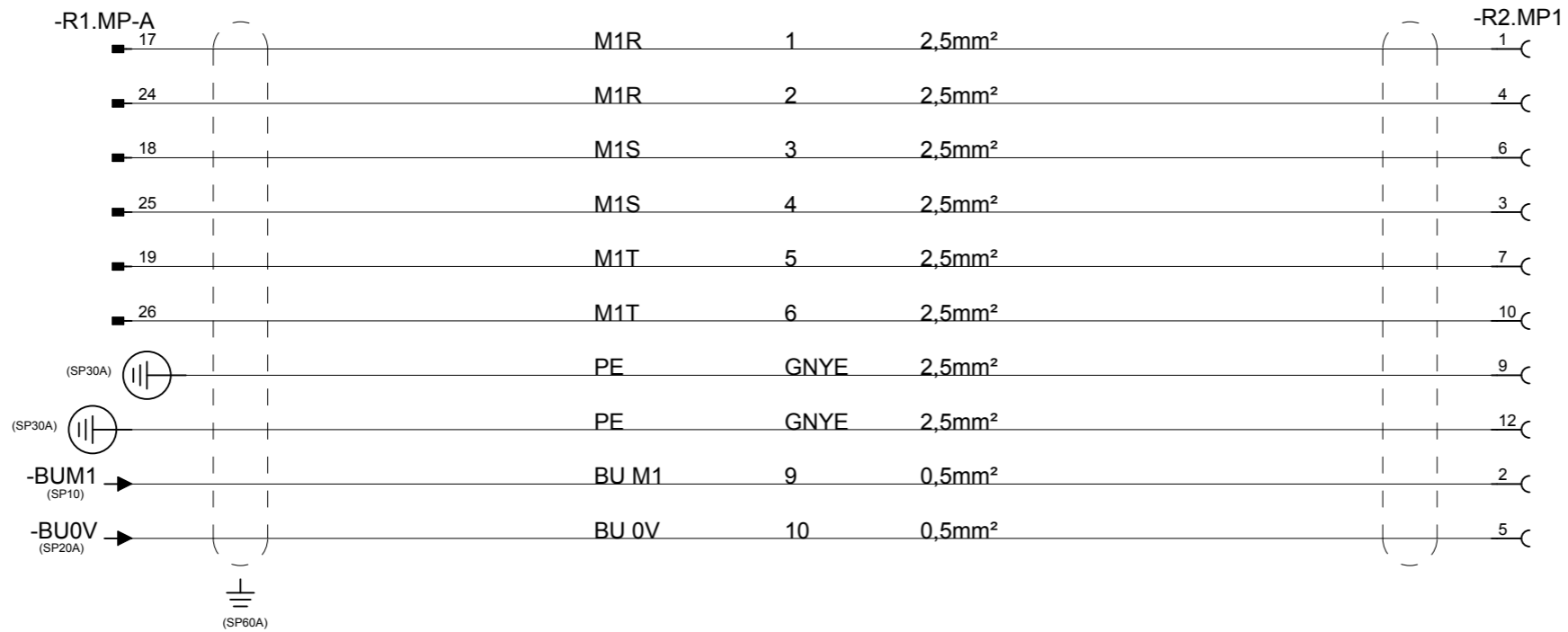
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IRB 8700
SMB, incl optional 7th axis connection

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Axis 1

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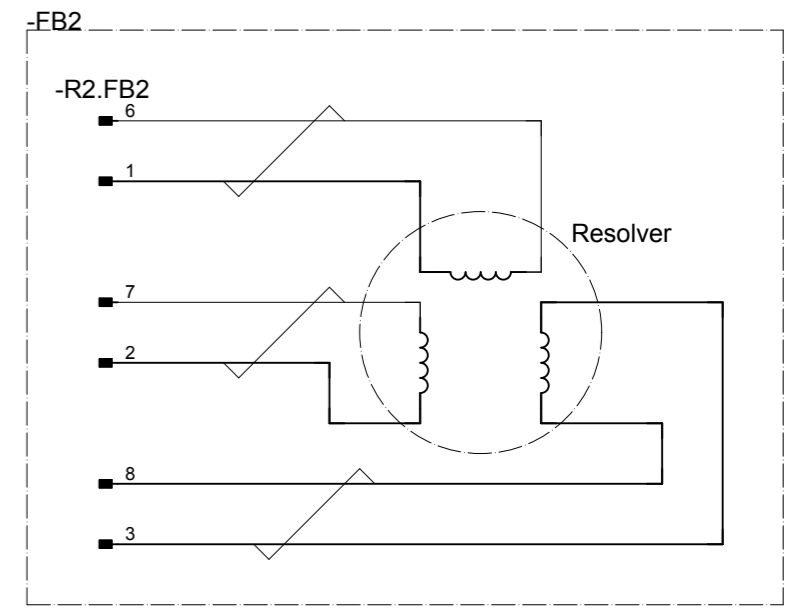
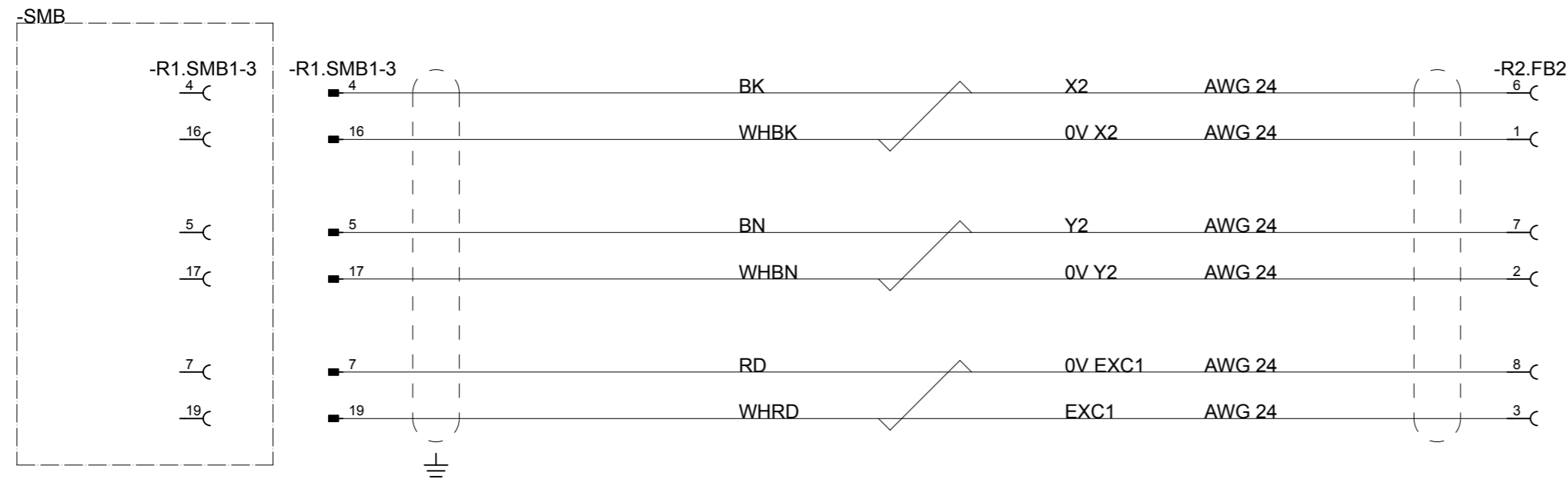
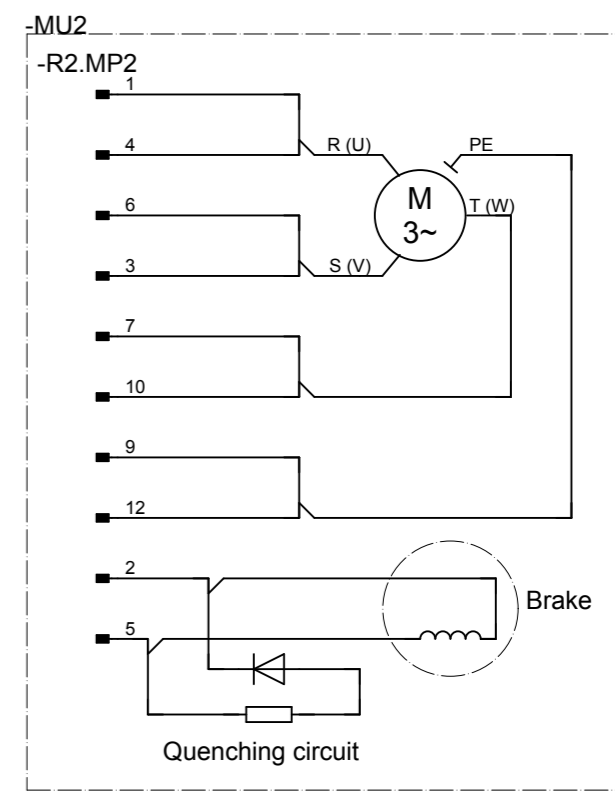
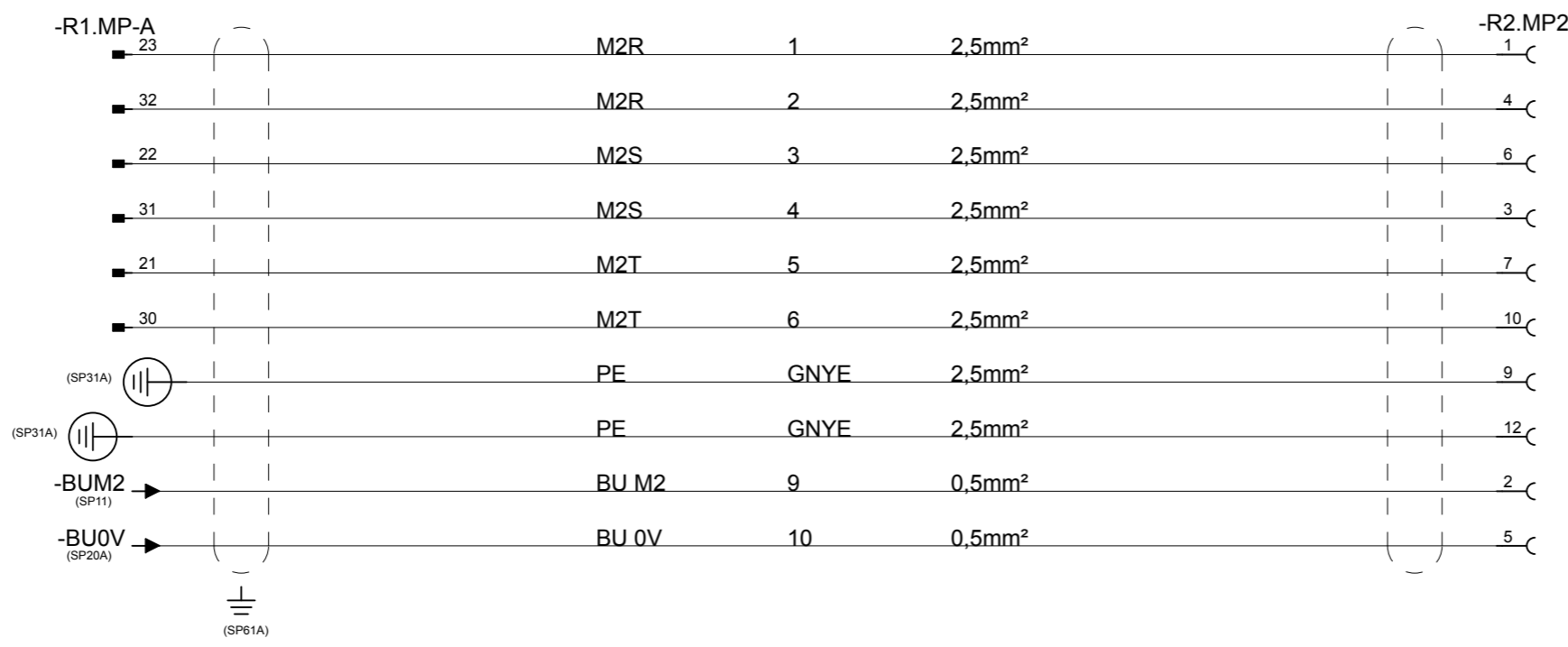
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Axis 2

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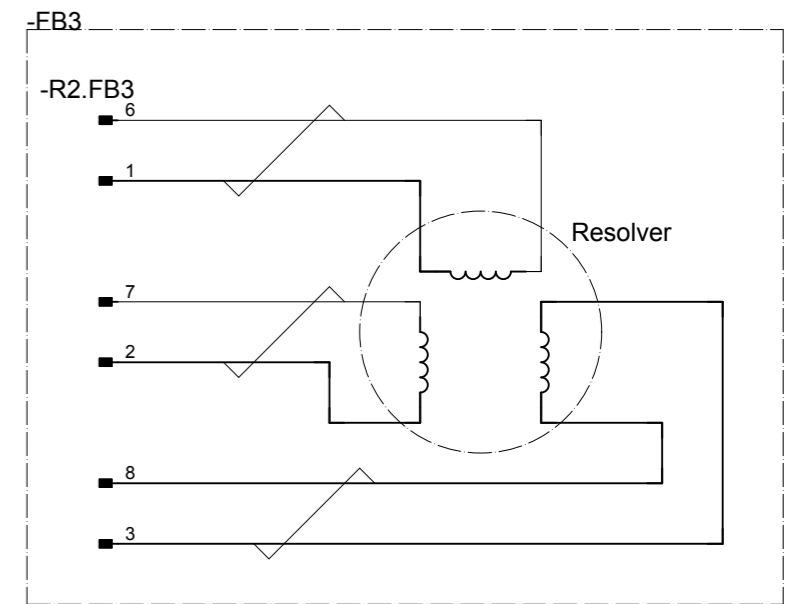
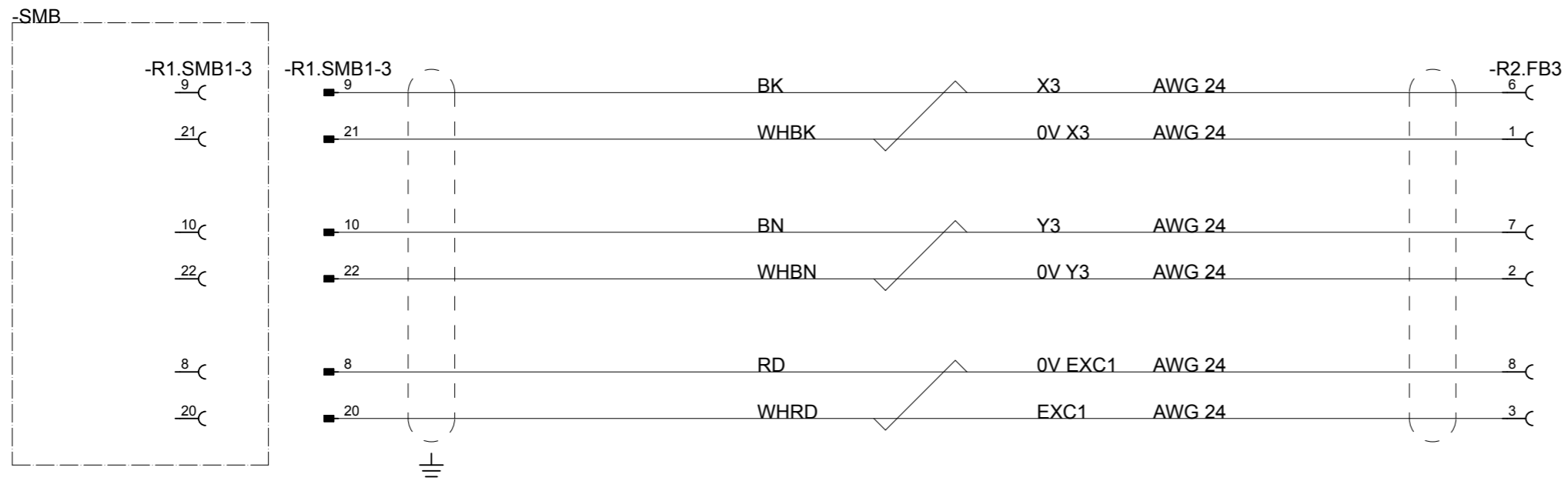
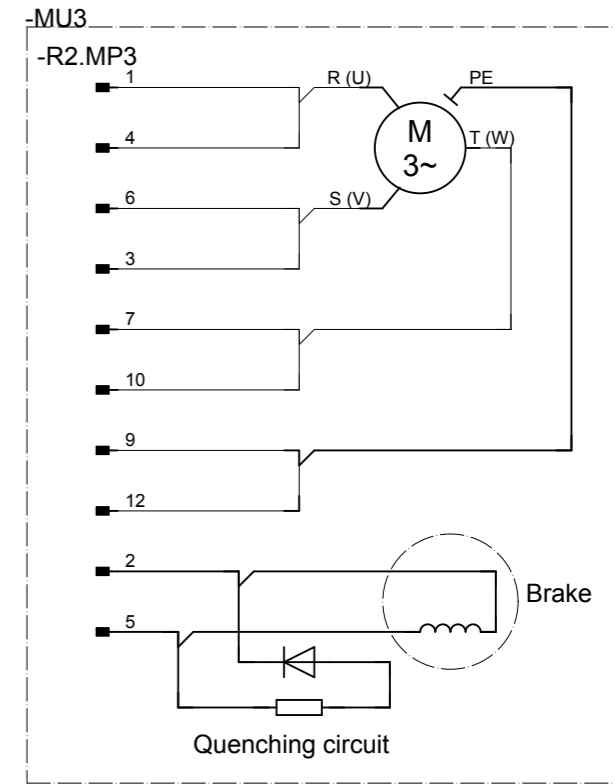
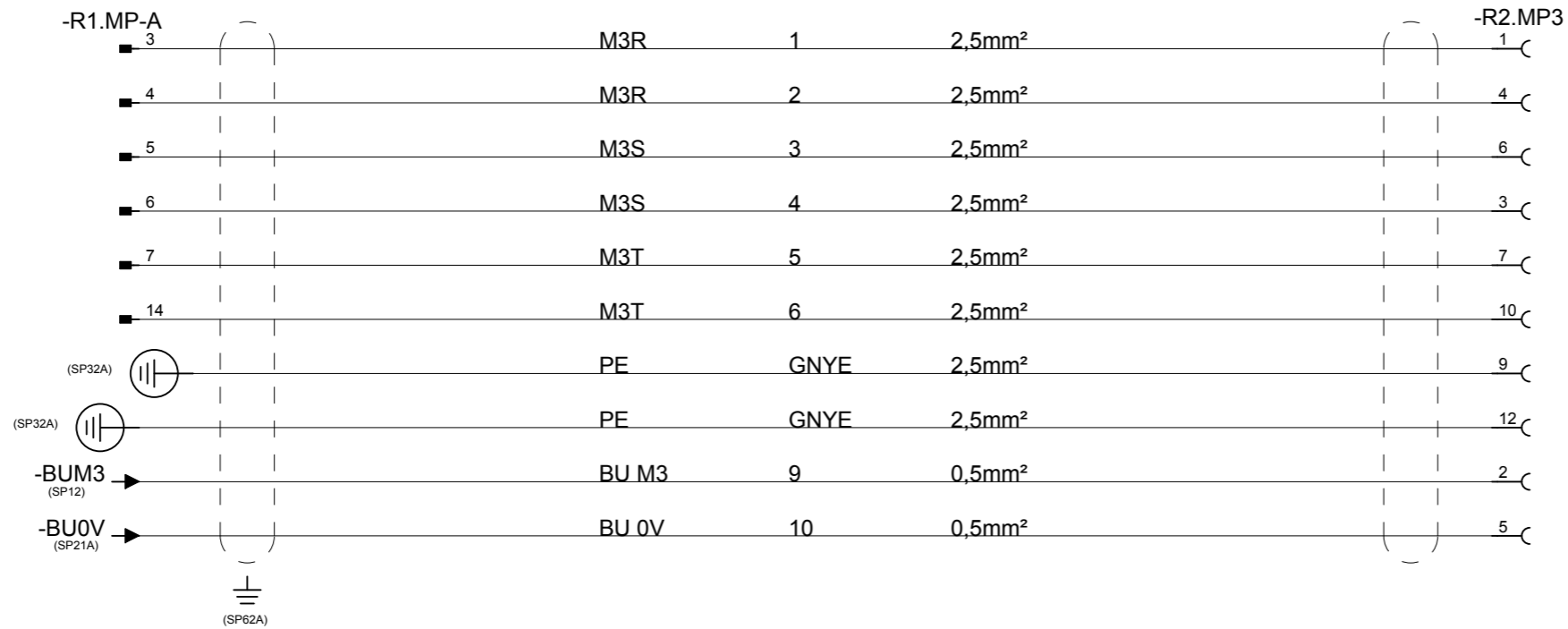
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Axis 3, incl. optional signal lamp

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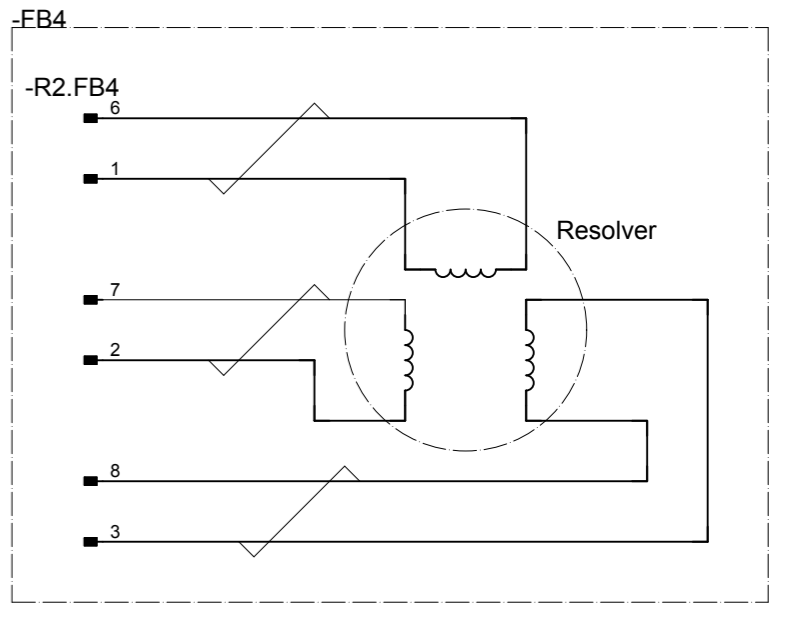
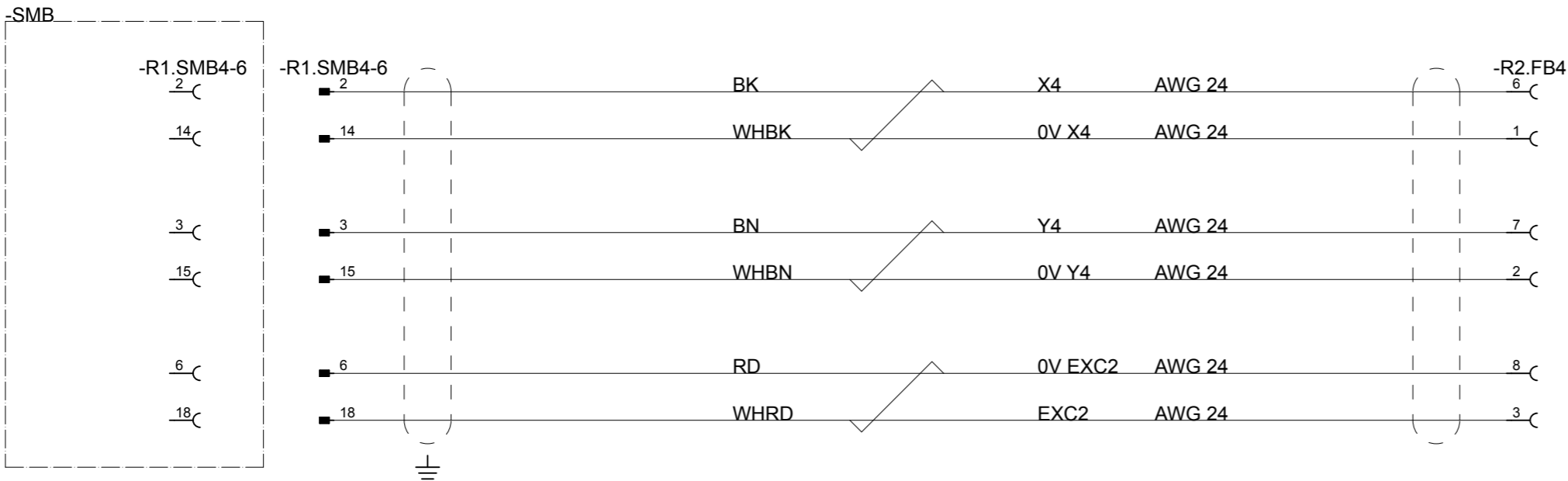
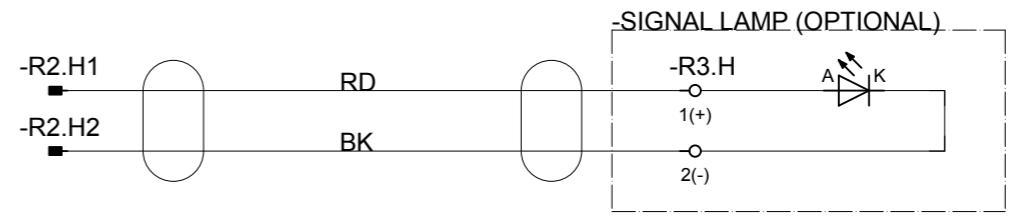
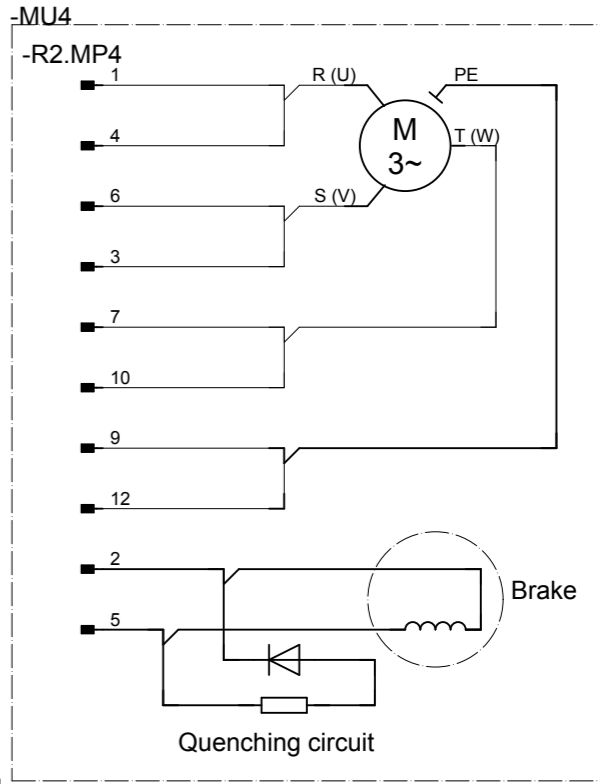
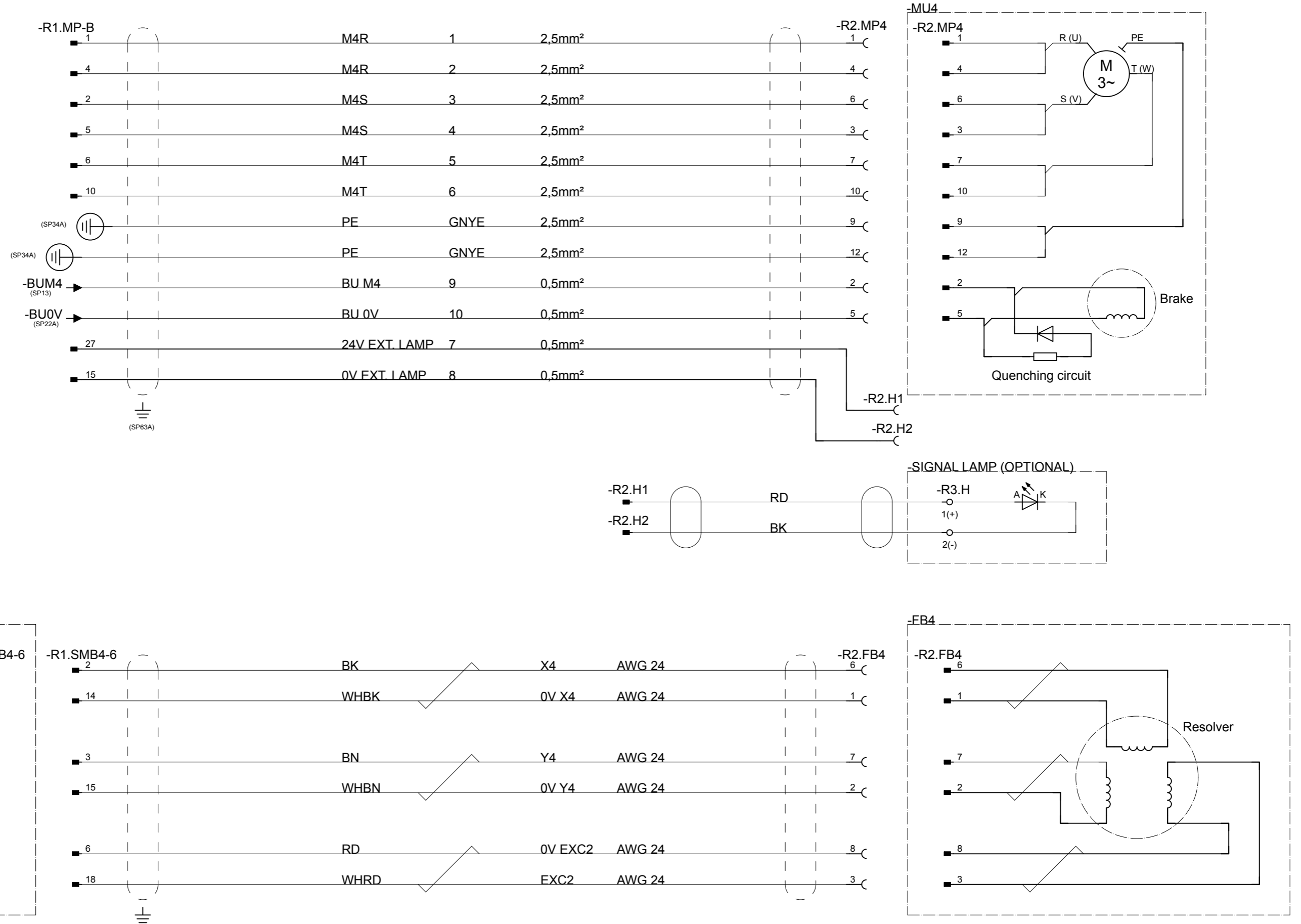
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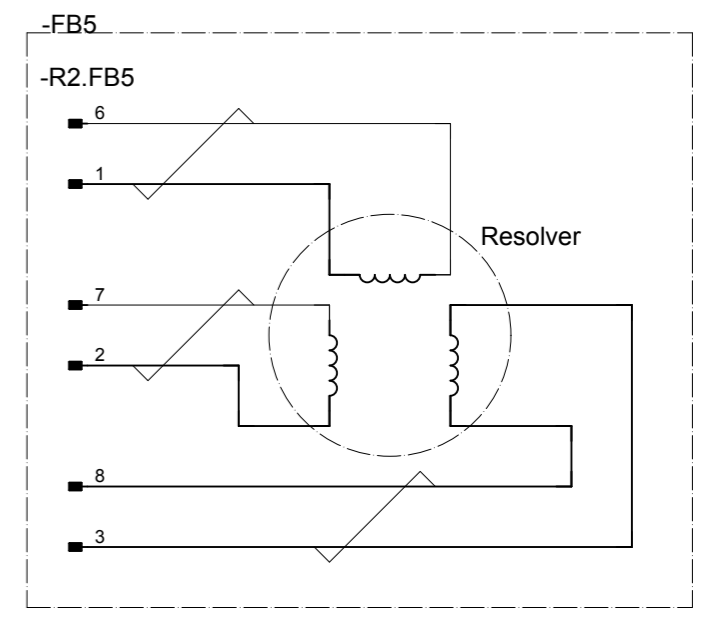
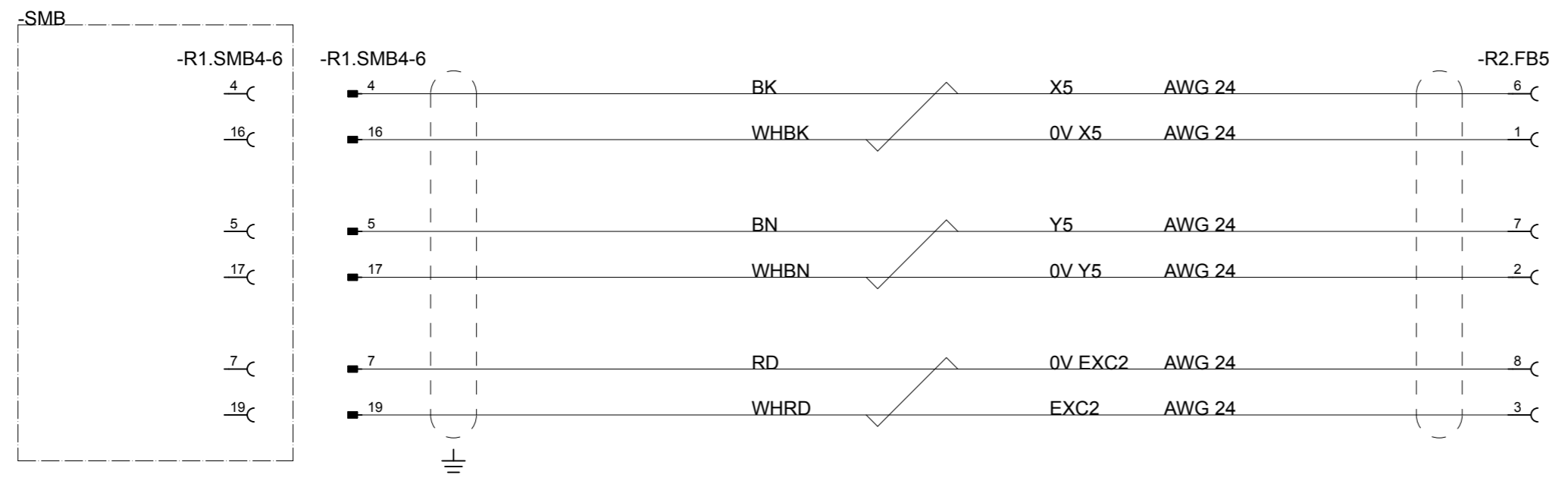
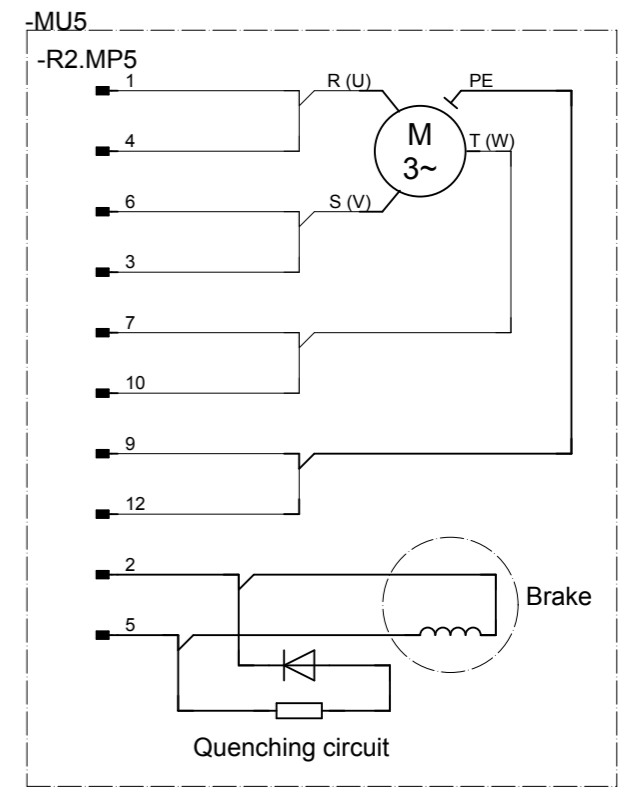
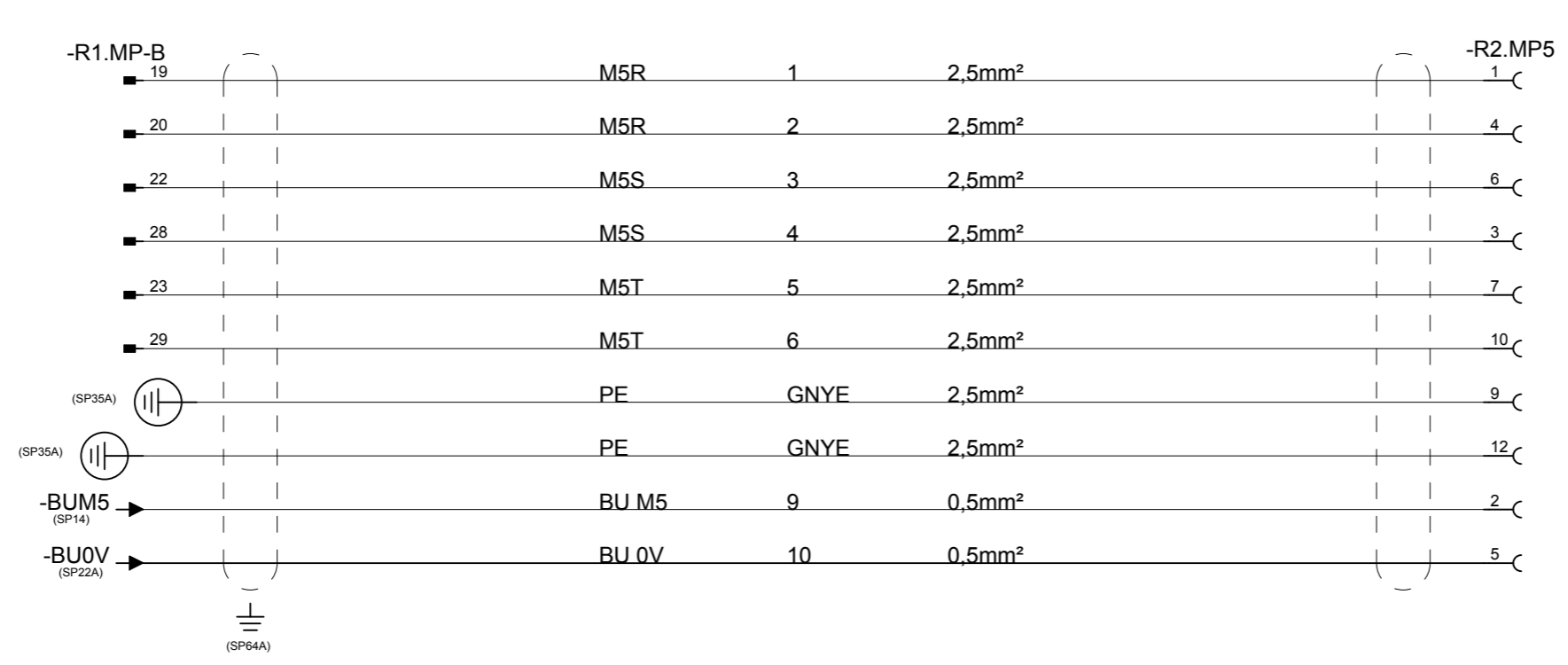
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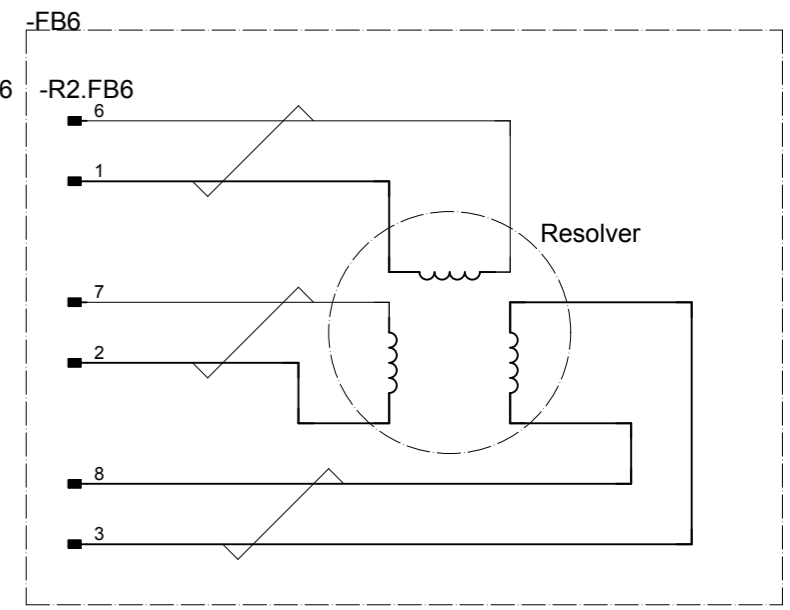
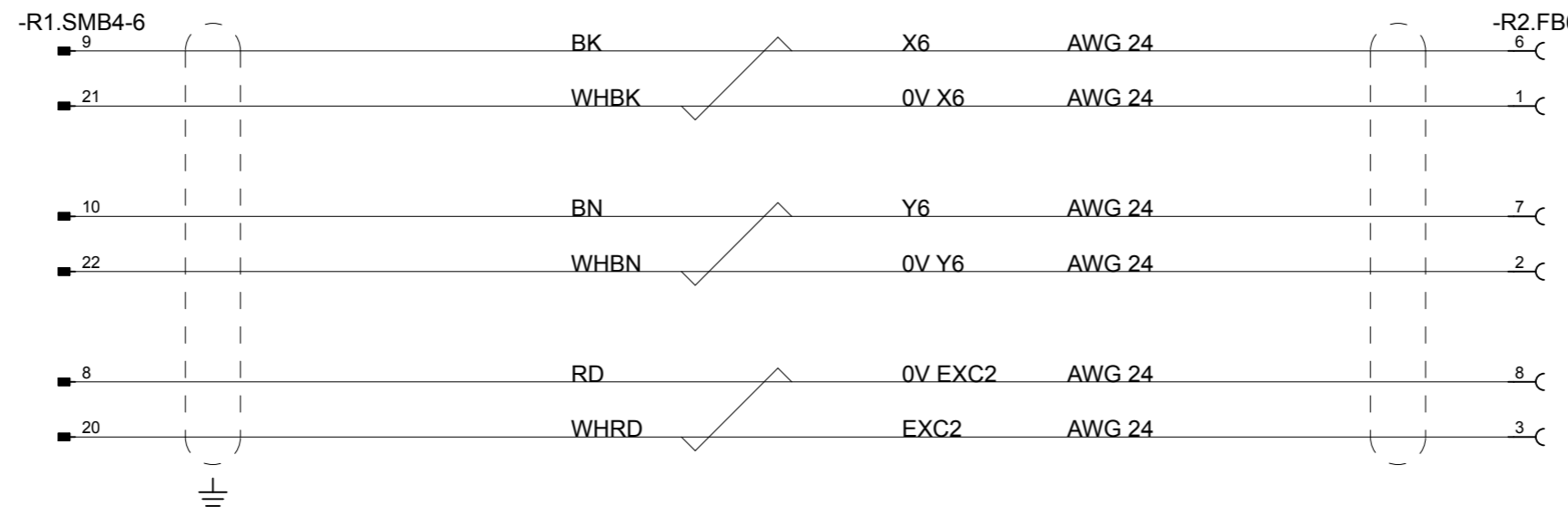
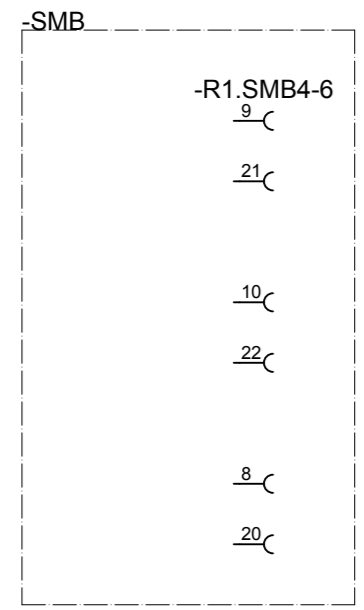
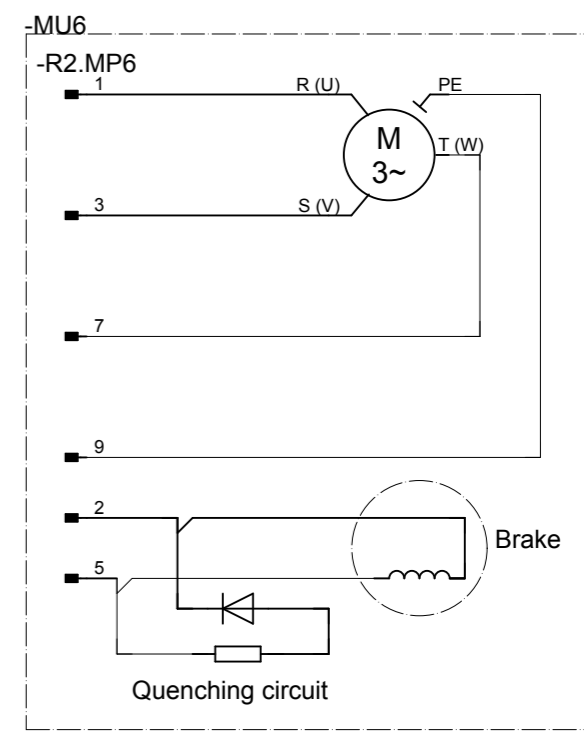
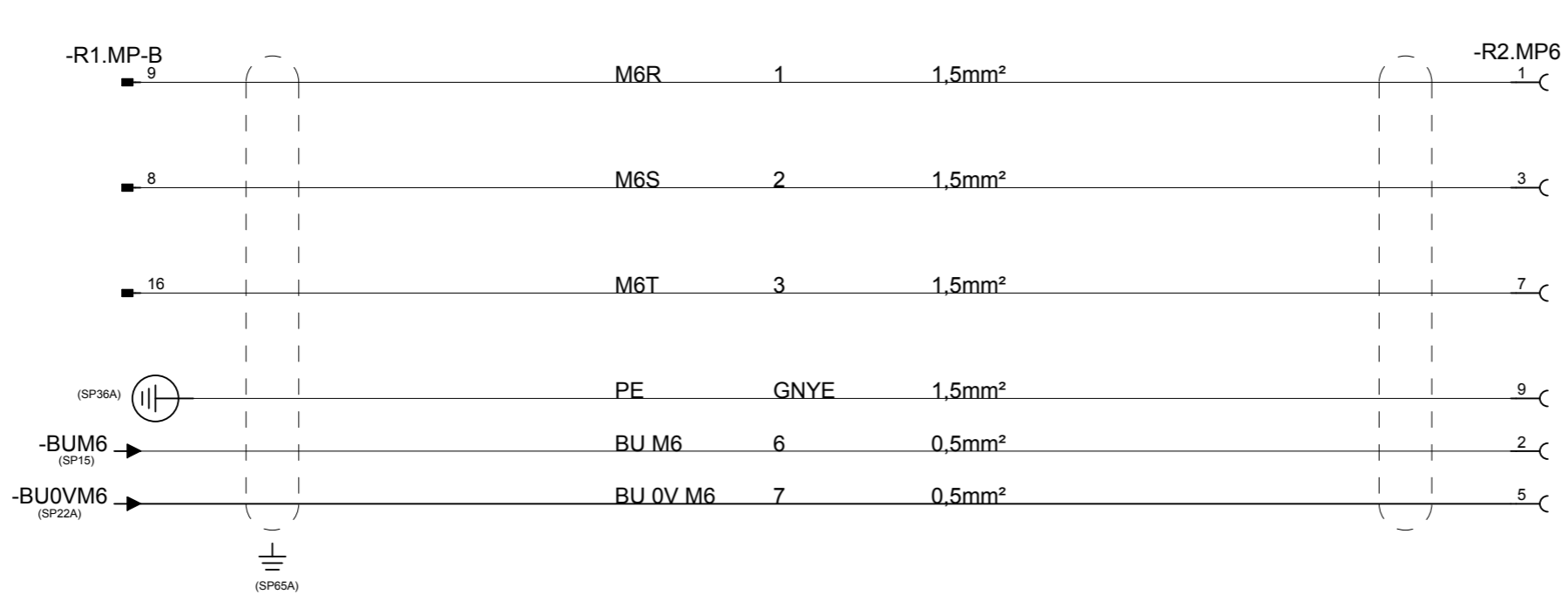
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