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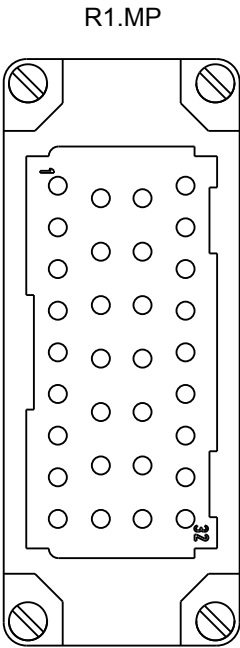
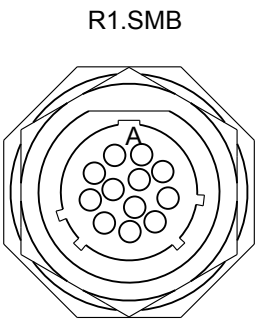
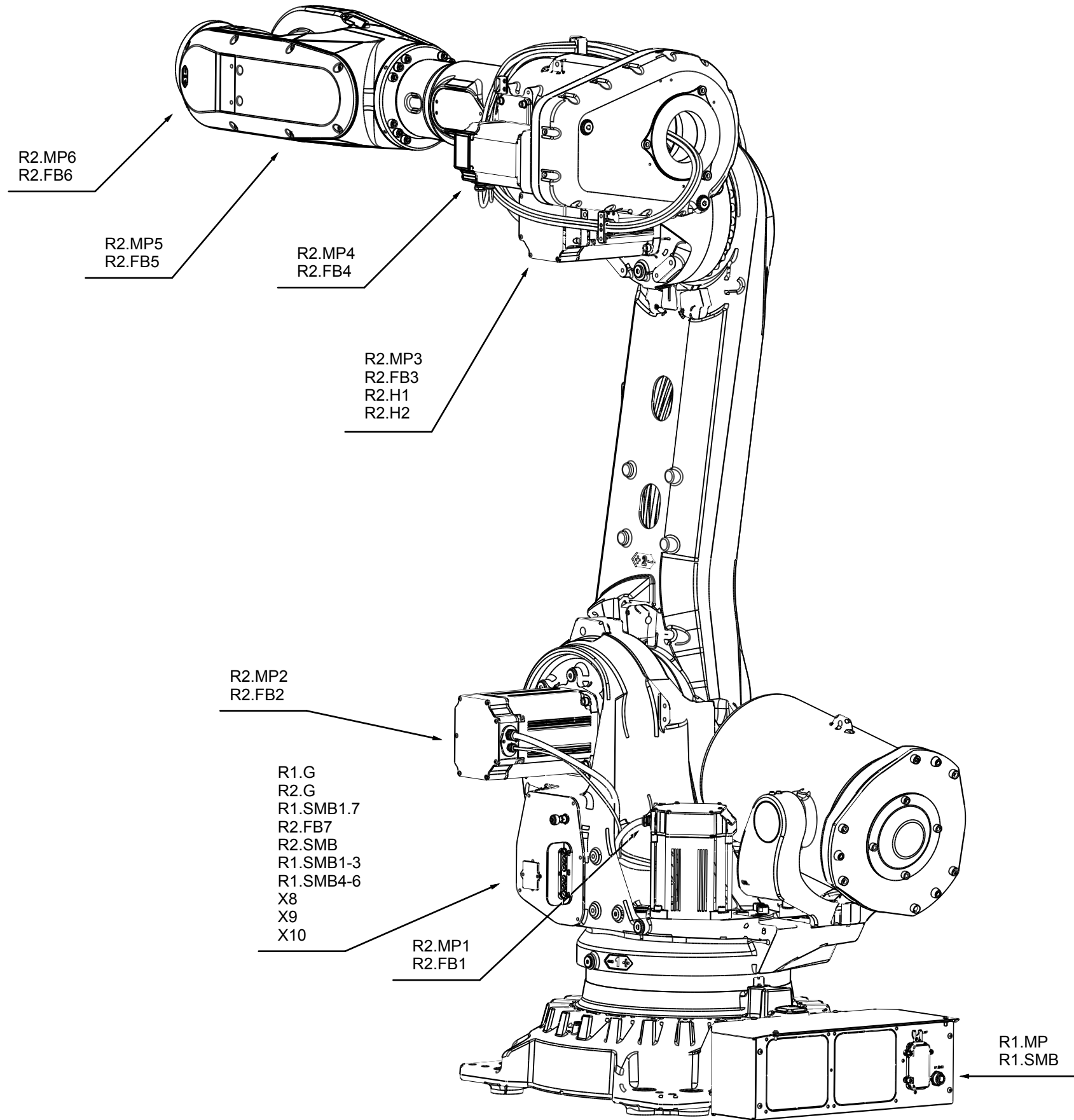
SE-721 68 Västerås
Sweden

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					COPYRIGHT page	APPROVED	Location: + Manipulator	
						Sublocation: +		
						Document no.	Rev. Ind	Page 1
Prepared by, date: Erik Mesaros			Approved by, date: Jan-Erik Nahls			3HAC043446-005	02	Next 2
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1	2	3	4	5	6	7	8	
<div>Valid For: This circuit diagram is valid for the following cable harness assemblies: 3HAC042840-001: 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</div>								
<div>Latest revision: ECO 77348, WI 109538 Page 10: Wire no 3 added.</div>			<div>ABB</div>	Lab/Office: DMRO SE PRIM	IRB 6700		Status: 2016-01-14	
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<div>Prepared by, date: Erik Mesaros</div>		<div>Approved by, date: Jan-Erik Nahls</div>				Document no.	Rev. Ind	Page 3
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Location of connection points

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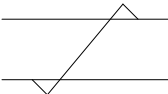
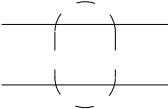
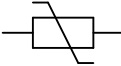
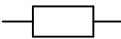
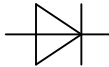
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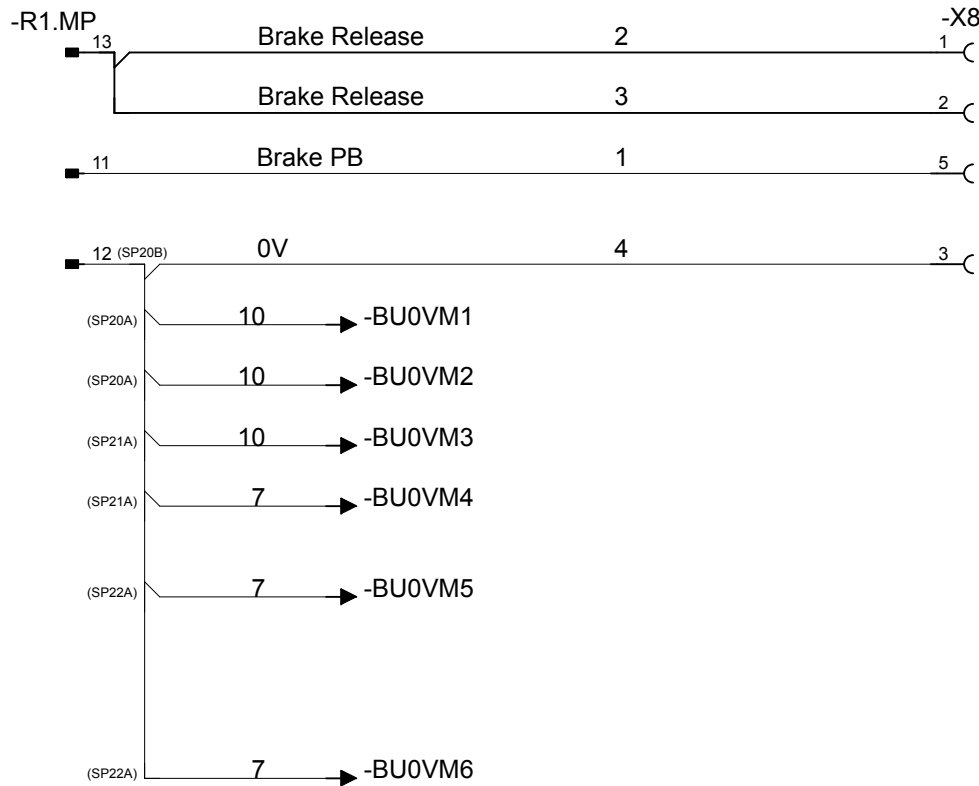
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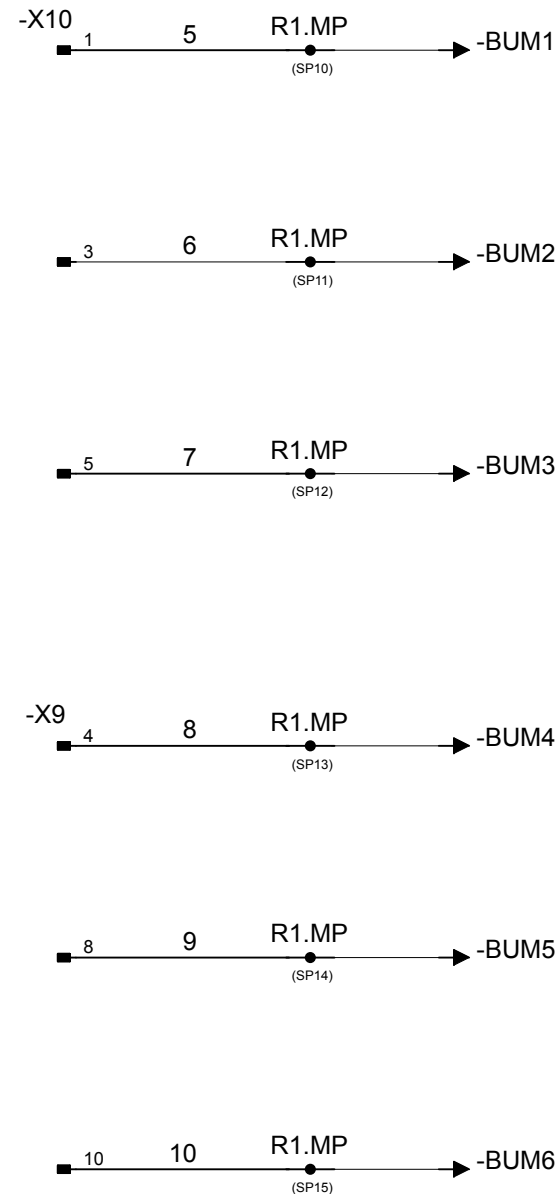
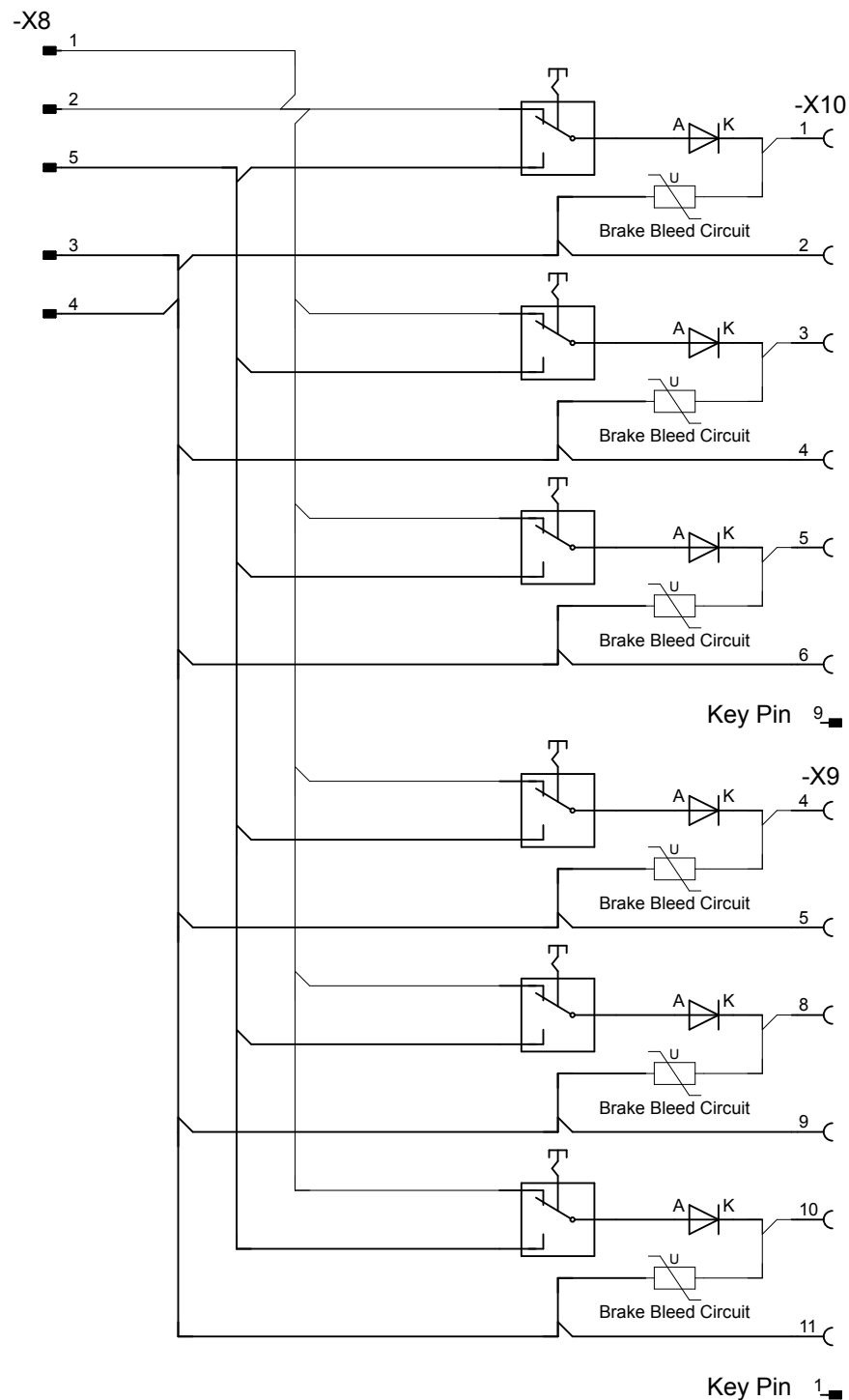
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1	2	3	4	5	6	7	8
M	Motor			Protective Earth			
B	Brake						
PTC	Temp sensor (PTC- resistor)			Twisted wires			
R	Resolver			Screened wires			
G	Battery Pack						
BU	Brake Release Unit			Varistor			
FB	Feedback unit			Resistor			
SMB	Serial Measurment Board			Diode			
FAN	Fan						
SW	Position switch		IRB6X0	Any number i.e. 66X0 can be 6600, 6640, 6660 or 6650			
Keypin	Location pin to avoid mismatch						

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-BU Brake Release (Simplified)



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IRB 6700

Brake Release Unit

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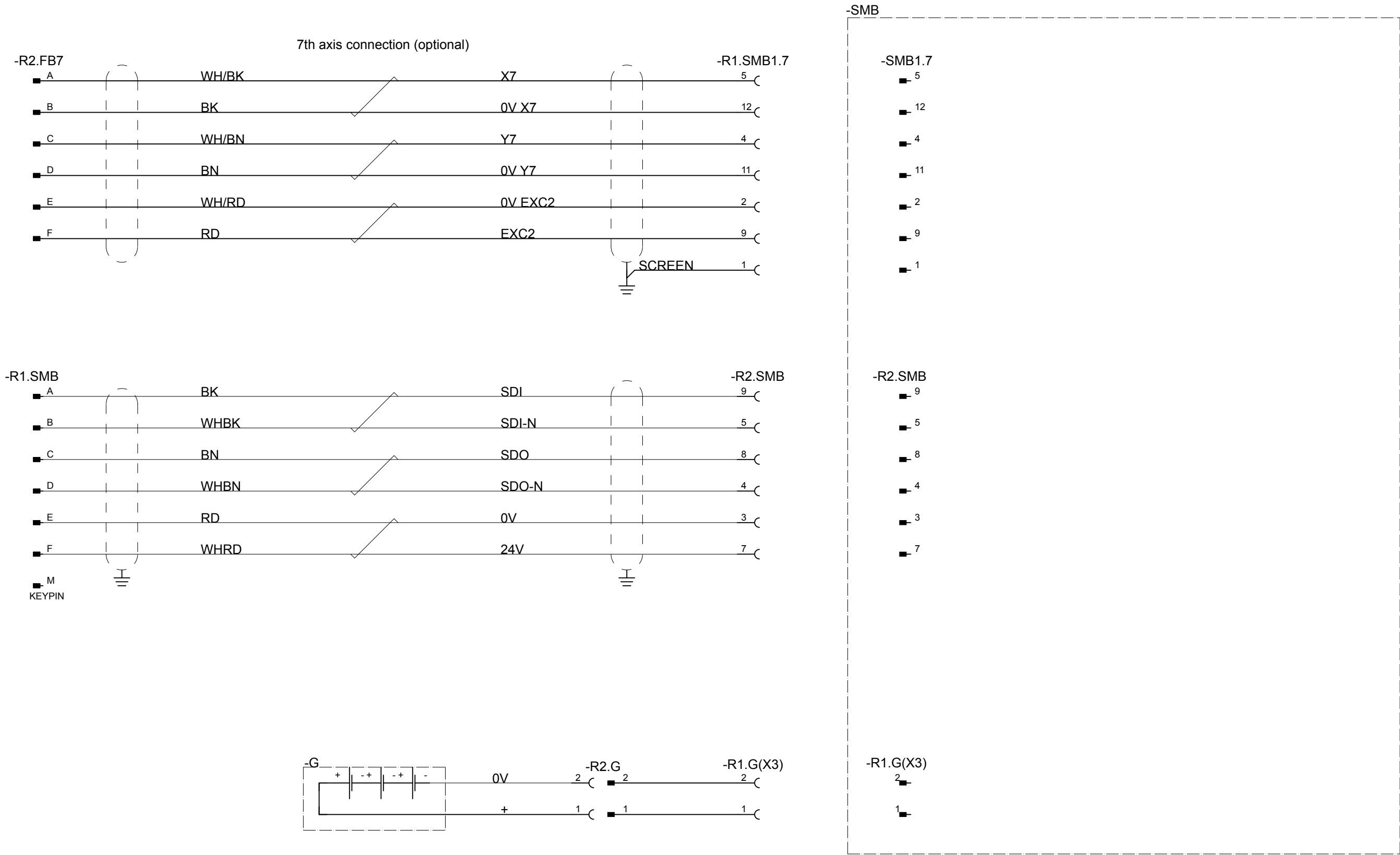
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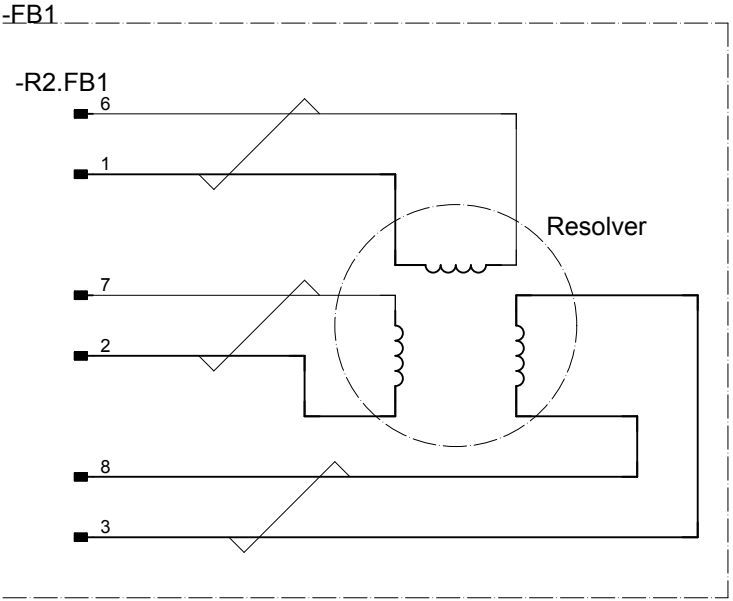
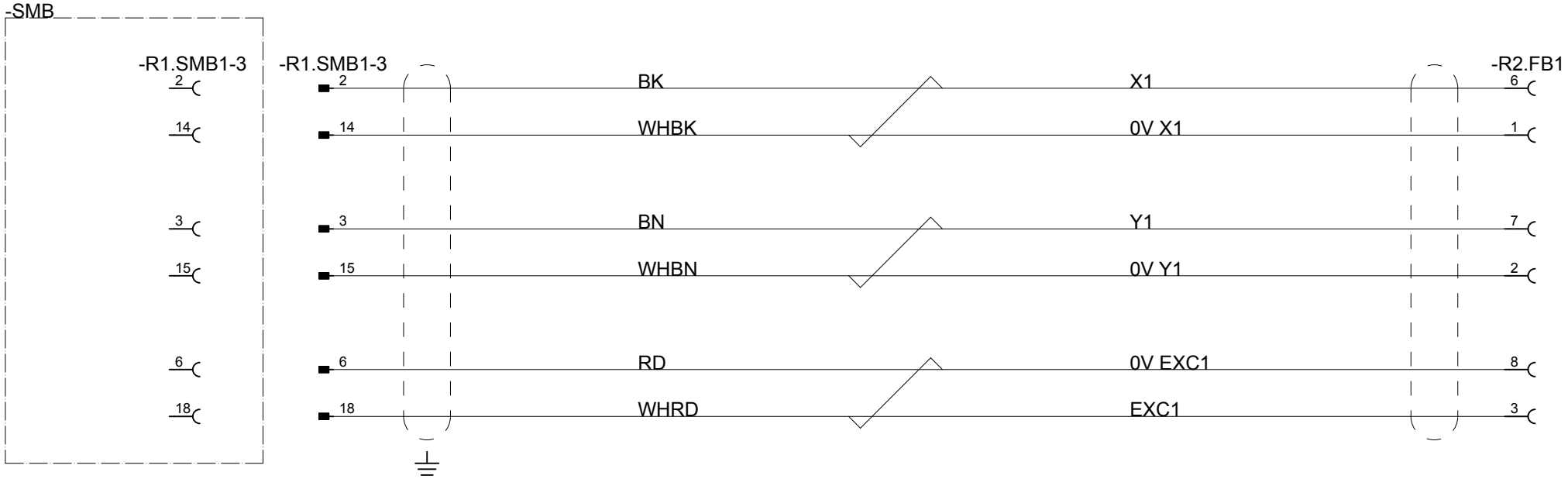
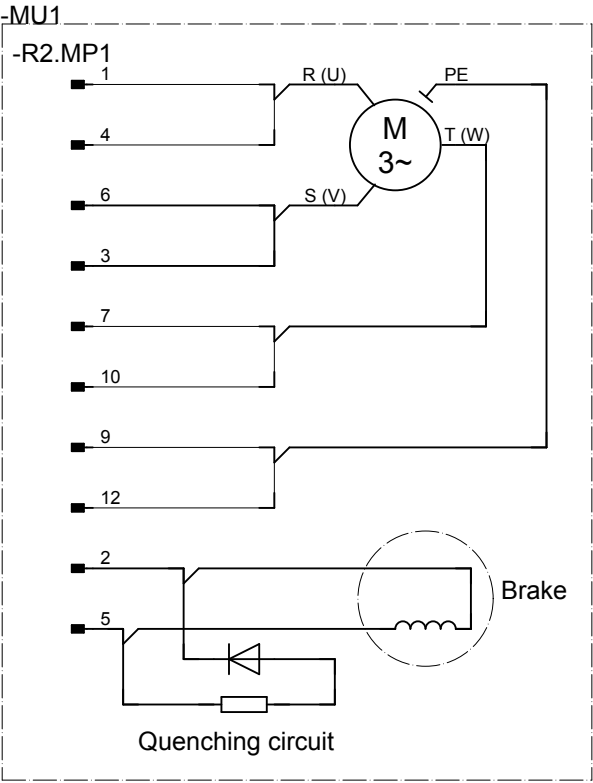
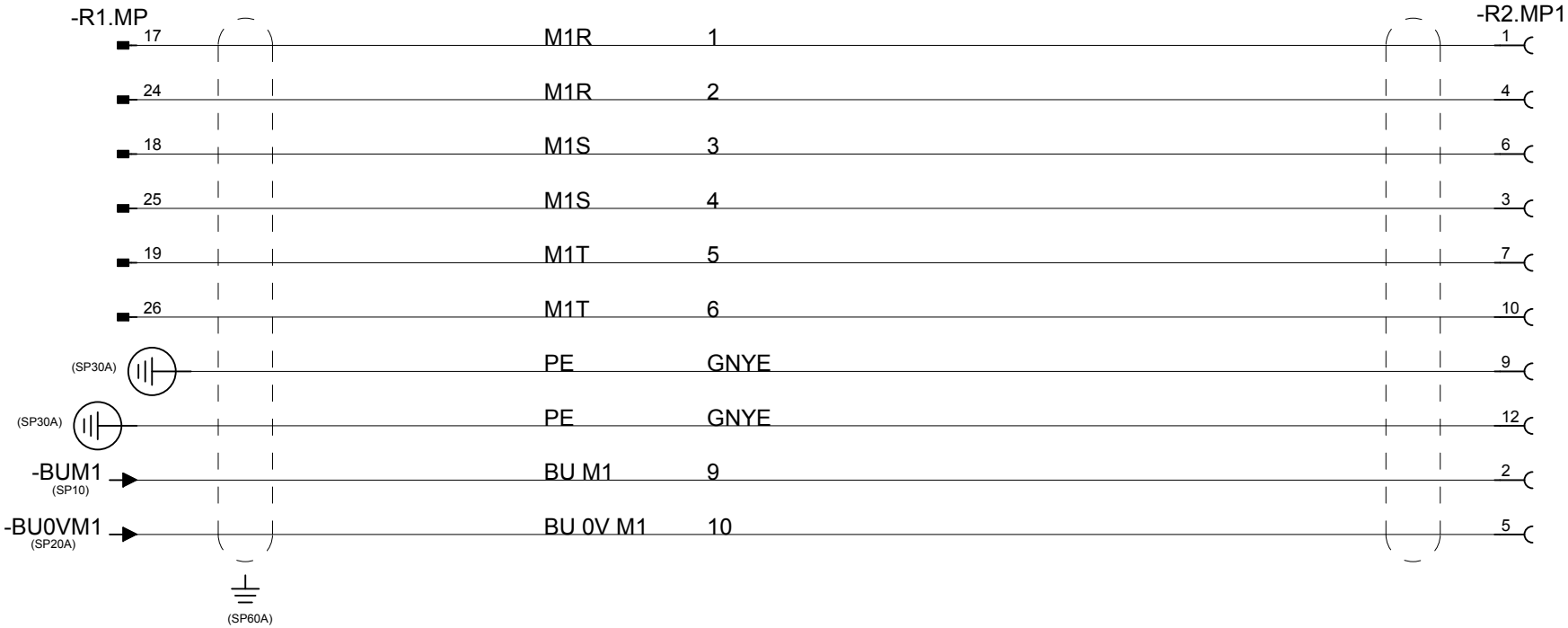
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IRB 6700

Axis 1

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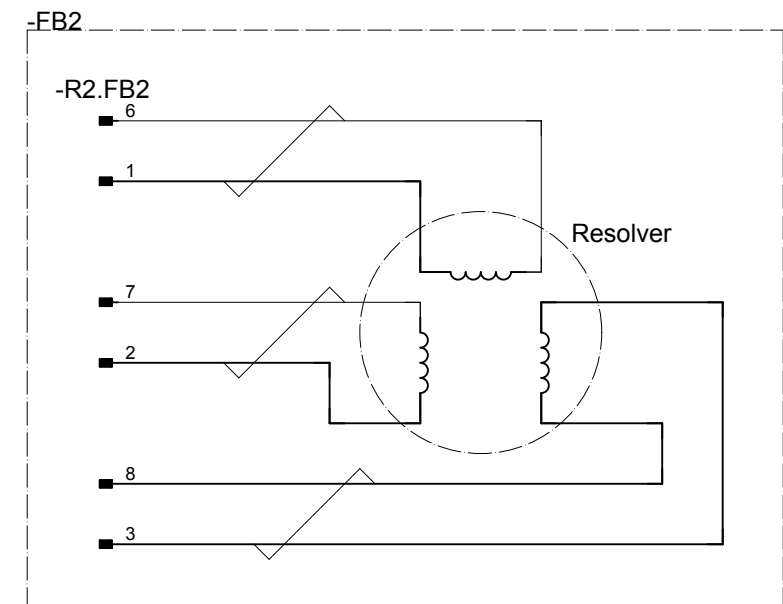
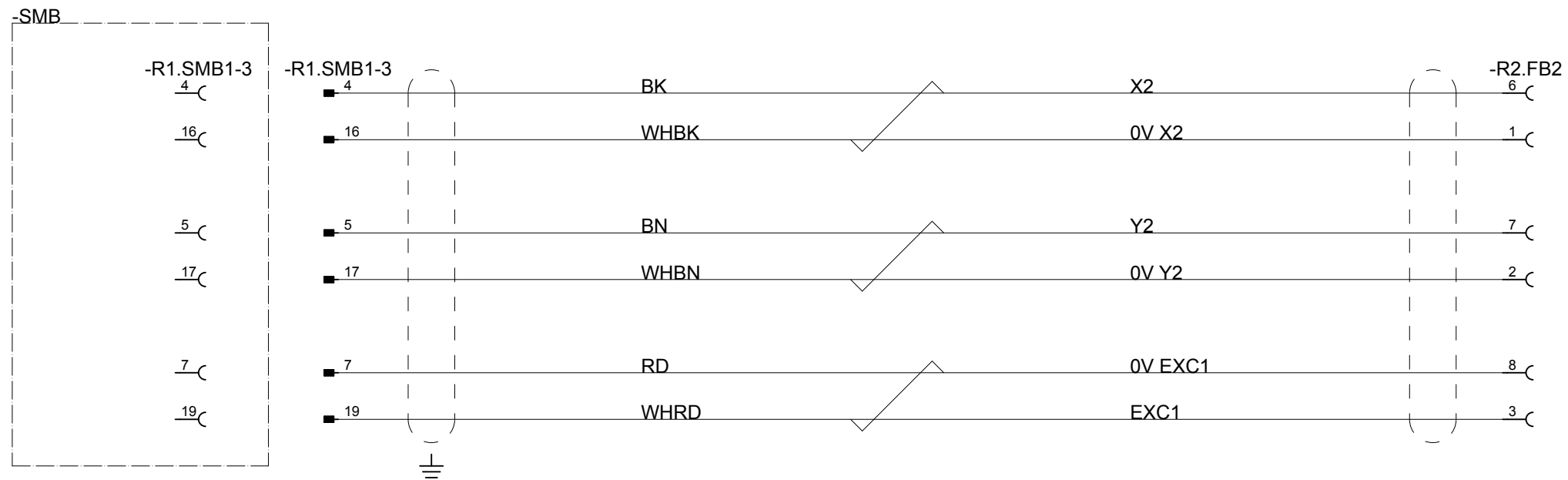
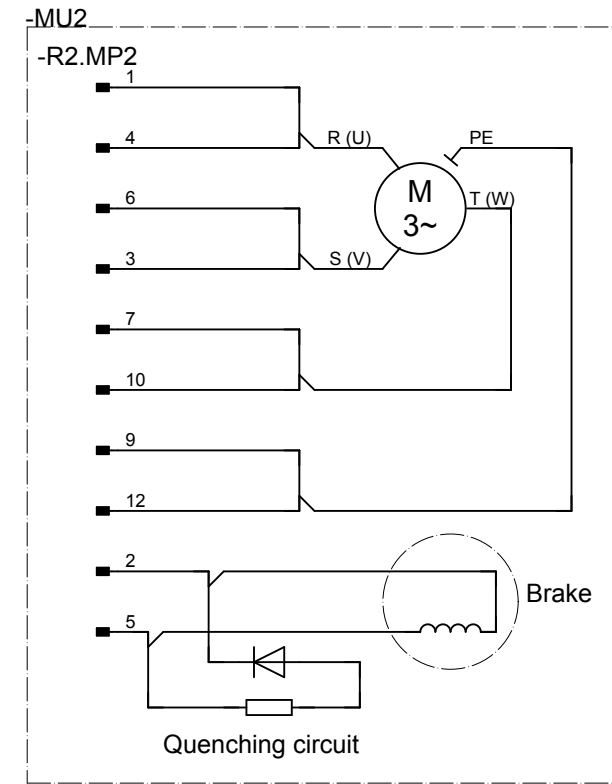
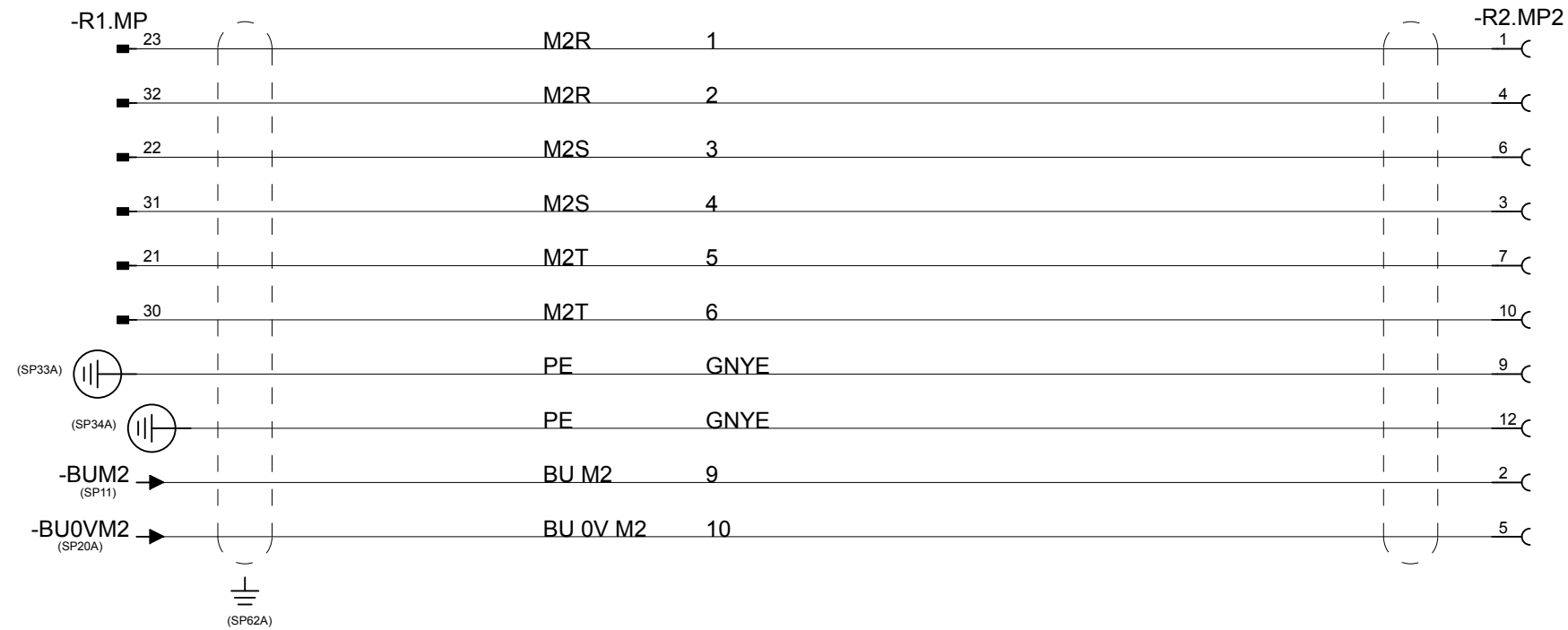
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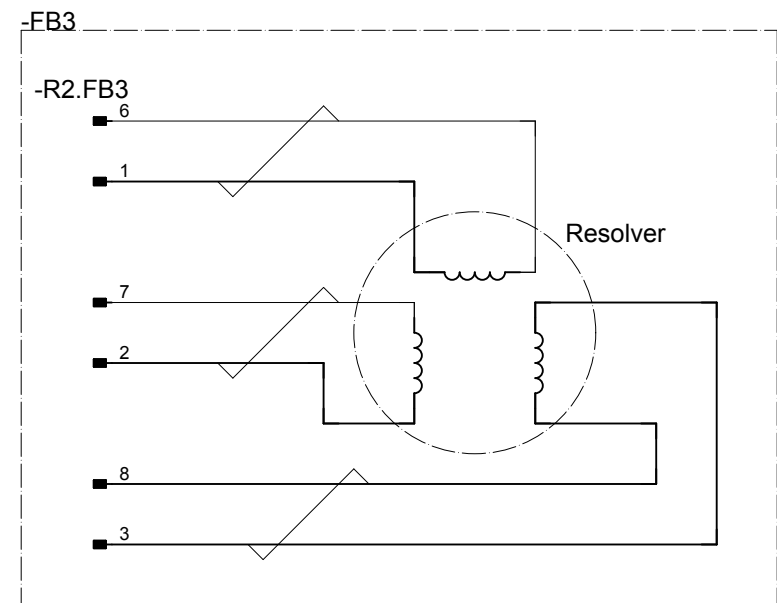
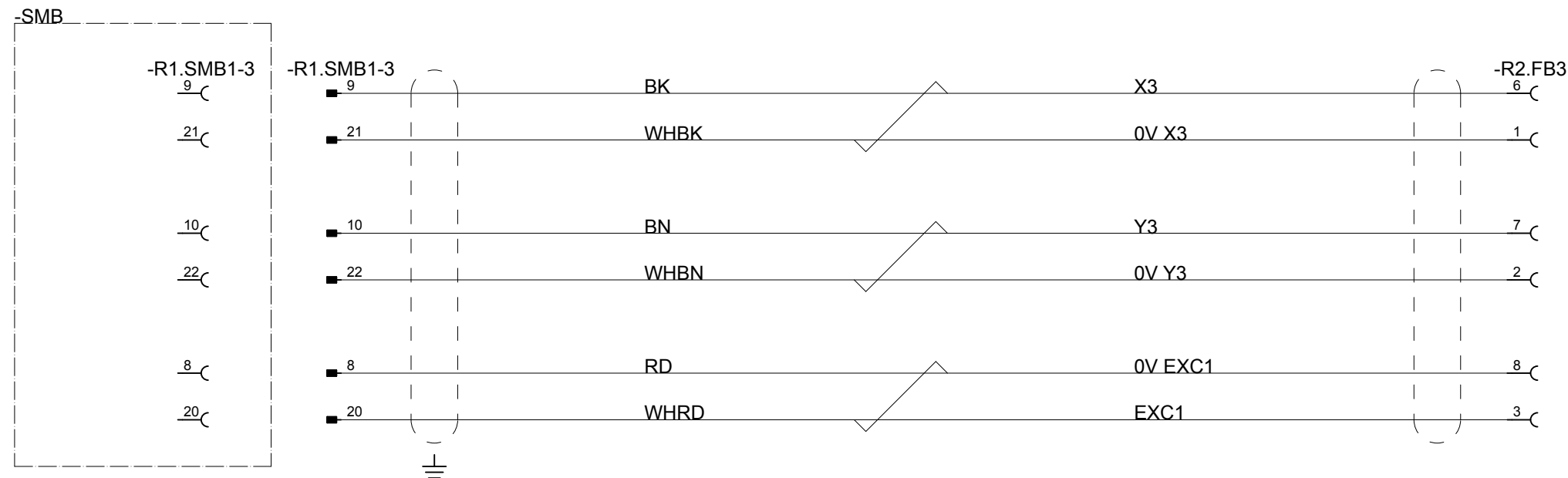
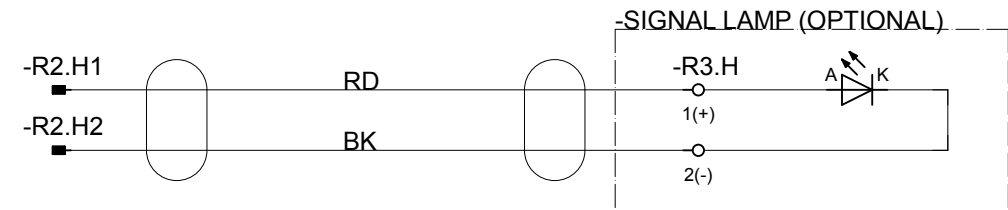
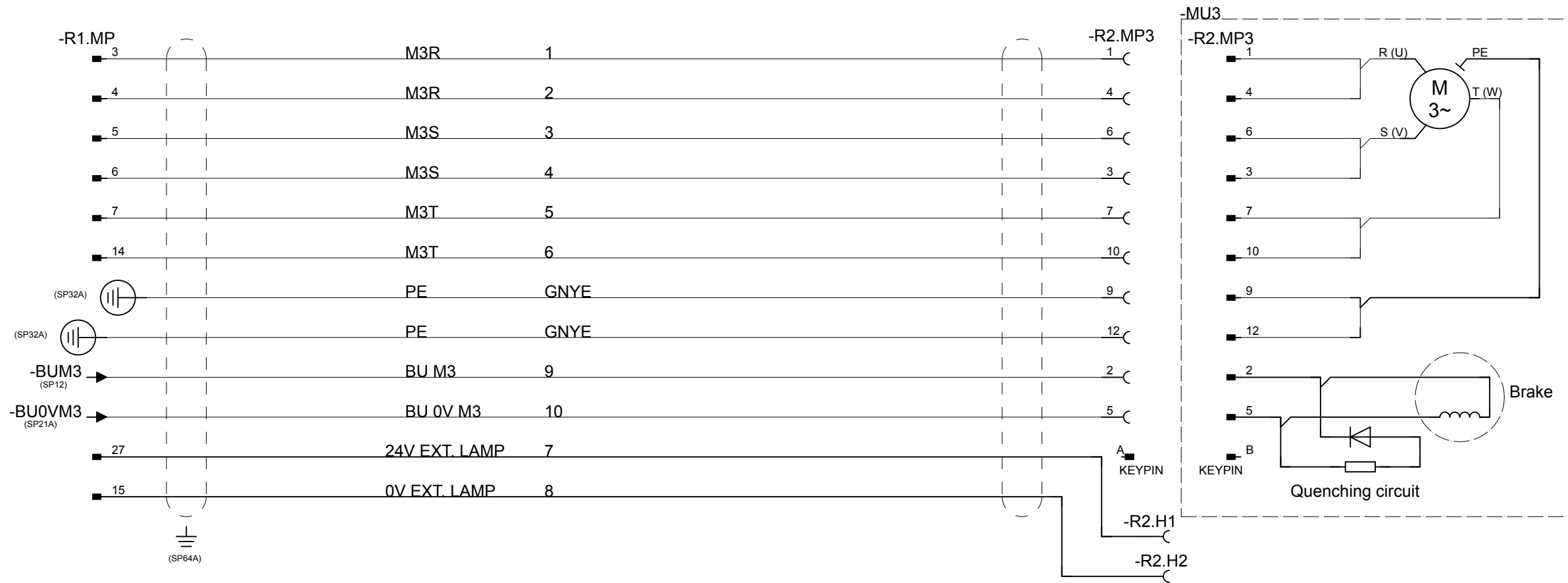
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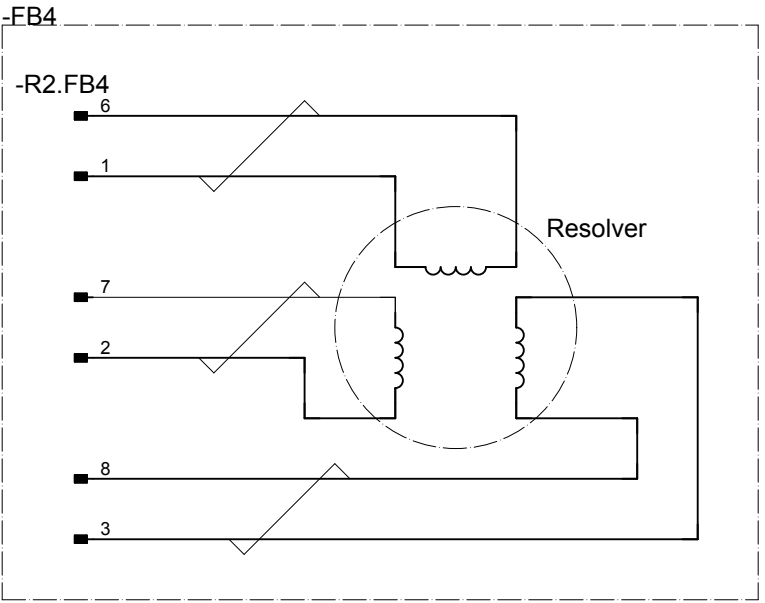
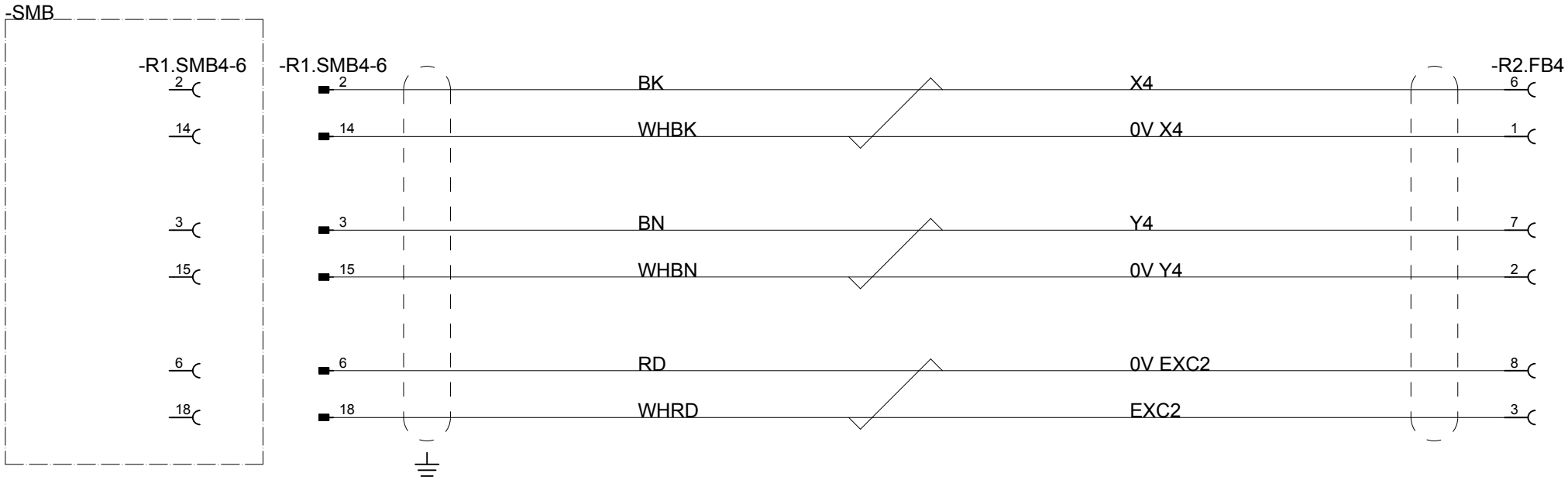
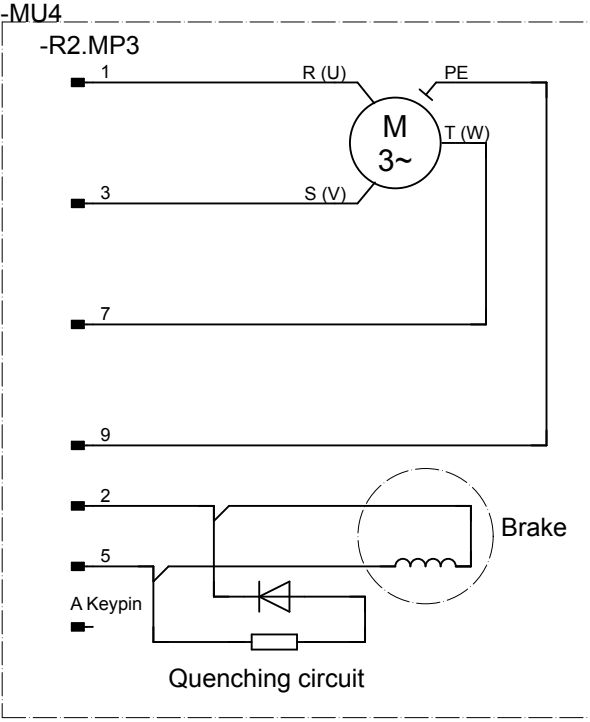
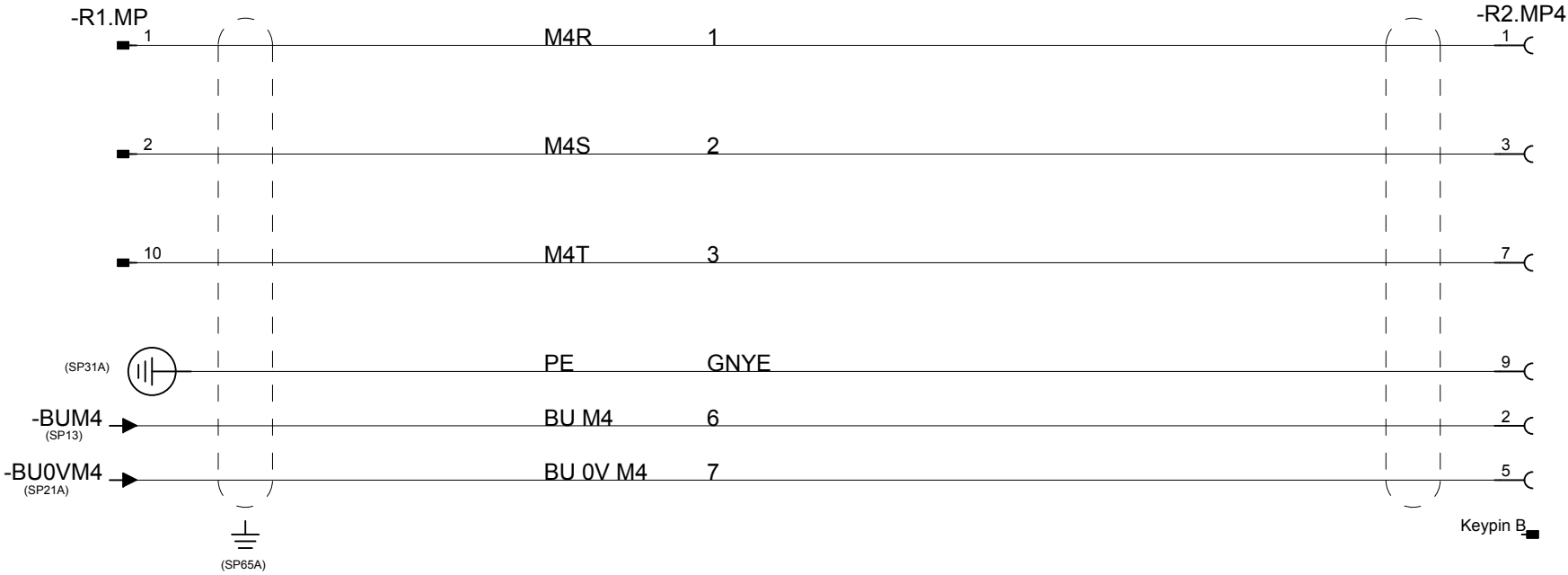
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Axis 4

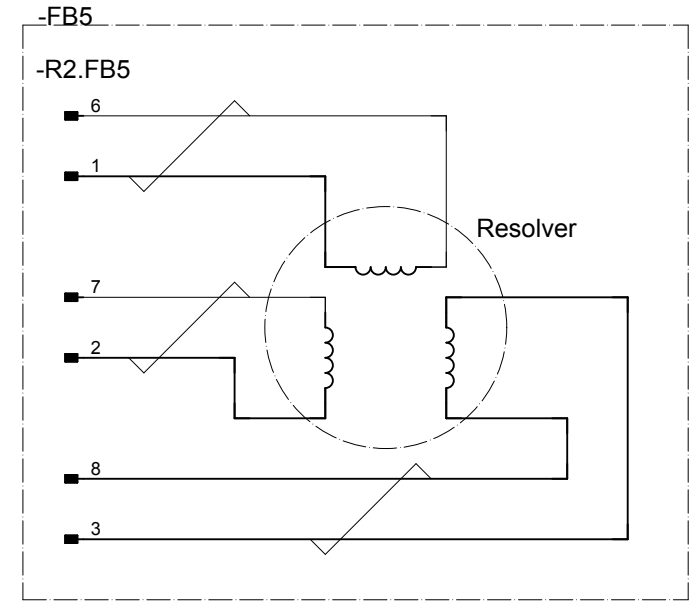
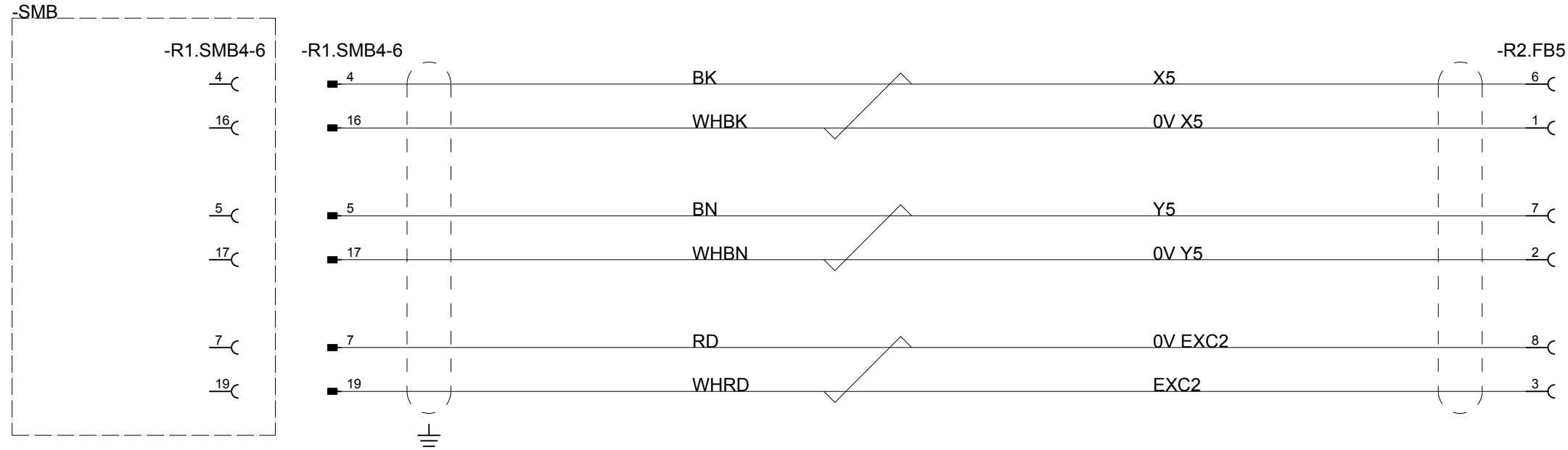
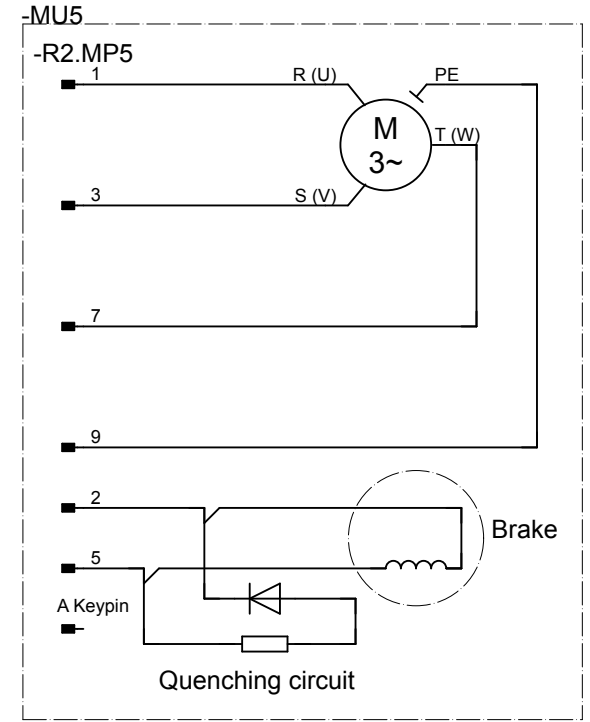
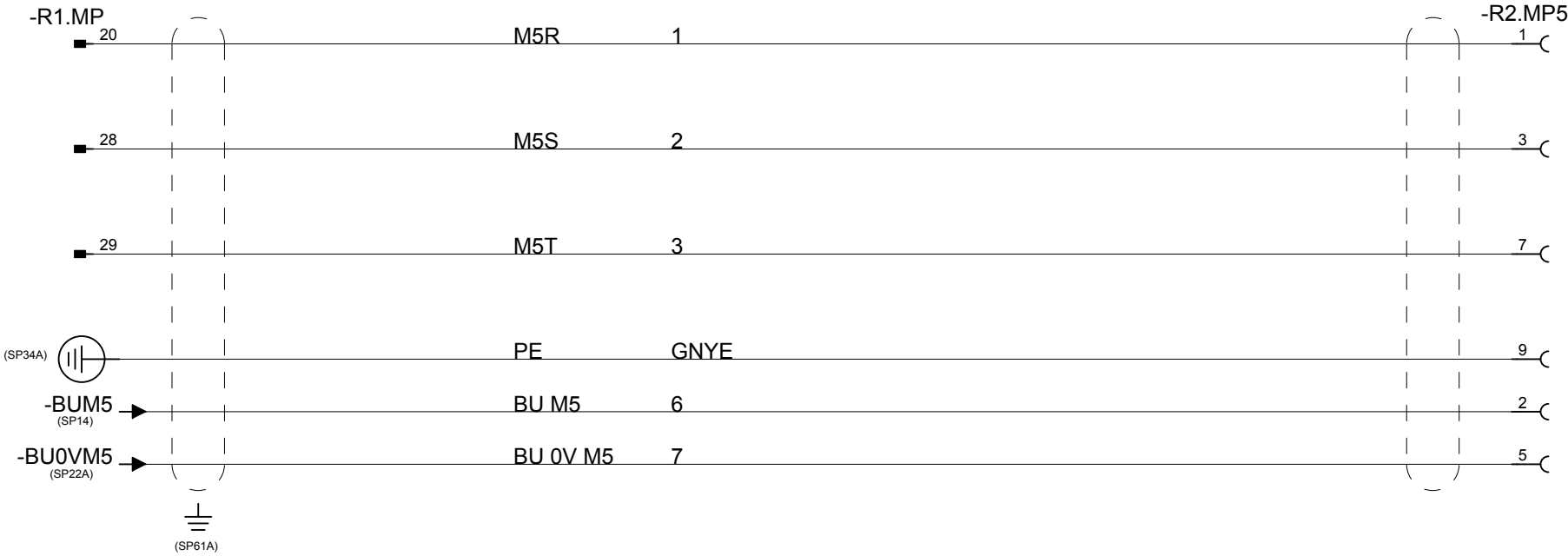
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