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Prepare by,Date: Yan Zhang 20240131		Approve by,Date:Fabrice Legeleux 202403		Replacement of		Replaced by				Document no. 3HAC091443-001		+ Rev.Ind Page 1	
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Description : IRT 710 & OmniCore V-line  
 Drawing number : 3HAC091443-001  
 Drawing version : 000  
 Date : 1/31/2024

Customer :  
 Year of construction :

Drawn by :  
 Number of pages : 37


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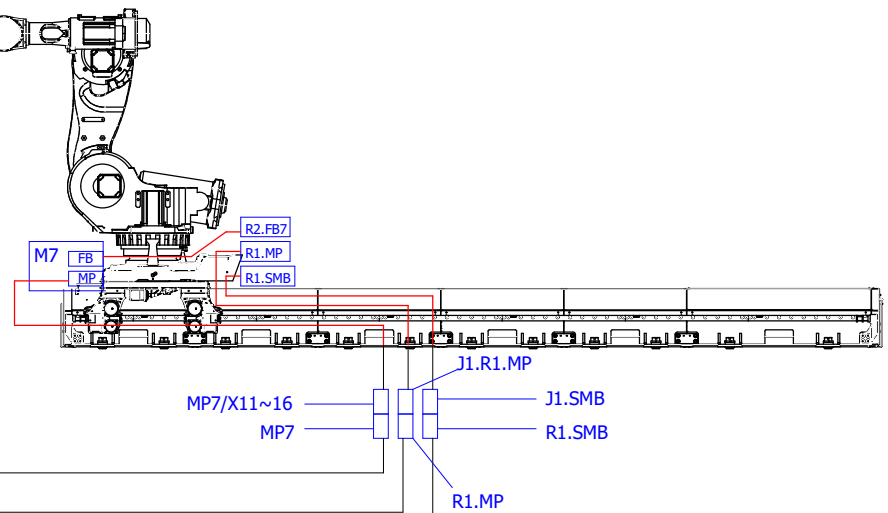
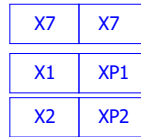


\* SYSTEM CONFIGURATION

MOTOR No.	SMB NODE No.	UNIT
M7	7	IRB

IRB4600, 67X0, 57X0, 6650S, 7600, X60

V250XT/V400XT

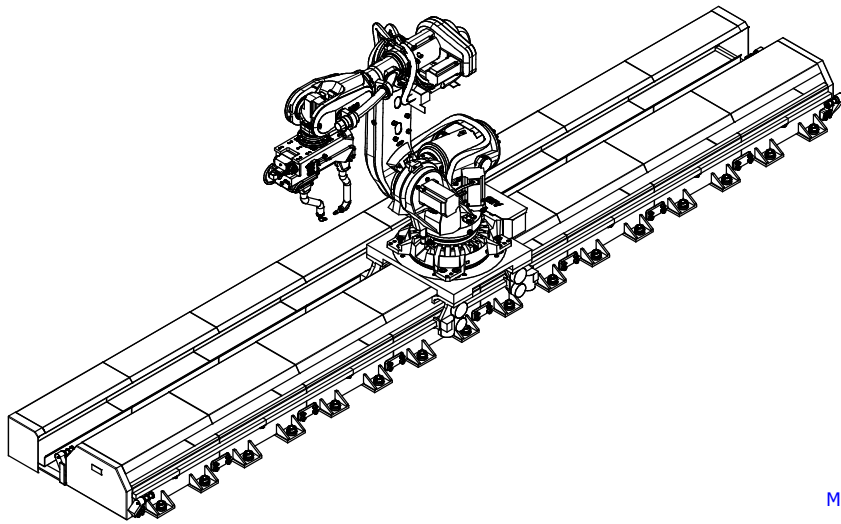


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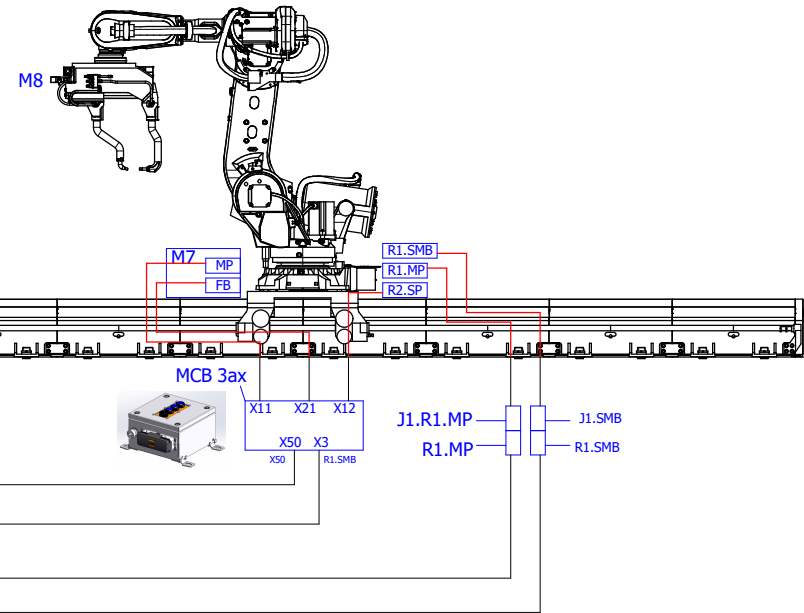
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Prepare by, Date: Yan Zhang 20240131		Approve by, Date: Fabrice Legeleux 202403		Replacement of		Replaced by		+			
ABB						BLOCK DIAGRAM CONNECTION for IRB57X0, IRB67X0, IRB60, IRB7600 on IRT710		Document no. 3HAC091443-001			
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\* SYSTEM CONFIGURATION

MOTOR No.	SMB NODE No.	UNIT
M7	1	MCB
SW motor	7	IRB



V250XT/V400XT



X7	X7/X8
X3	XP2
X1	XP1
X2	XP2

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IRT 710 & OmniCore V-line	Replacement of	Replaced by
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BLOCK DIAGRAM  
CONNECTION for IRB57X0, IRB67X0,  
IRB7600 on IRT710 (Spot welding)

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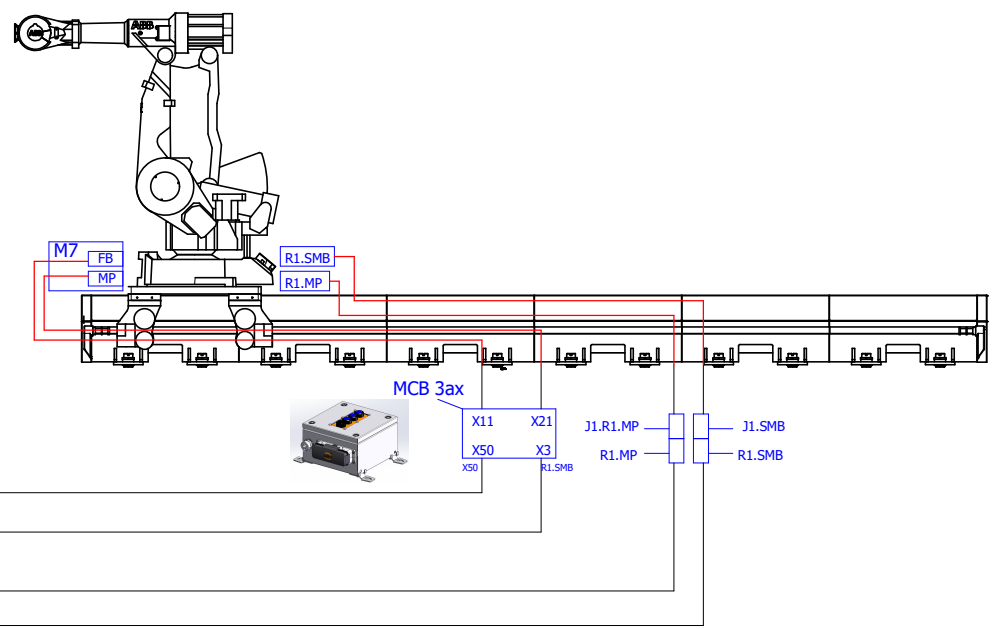
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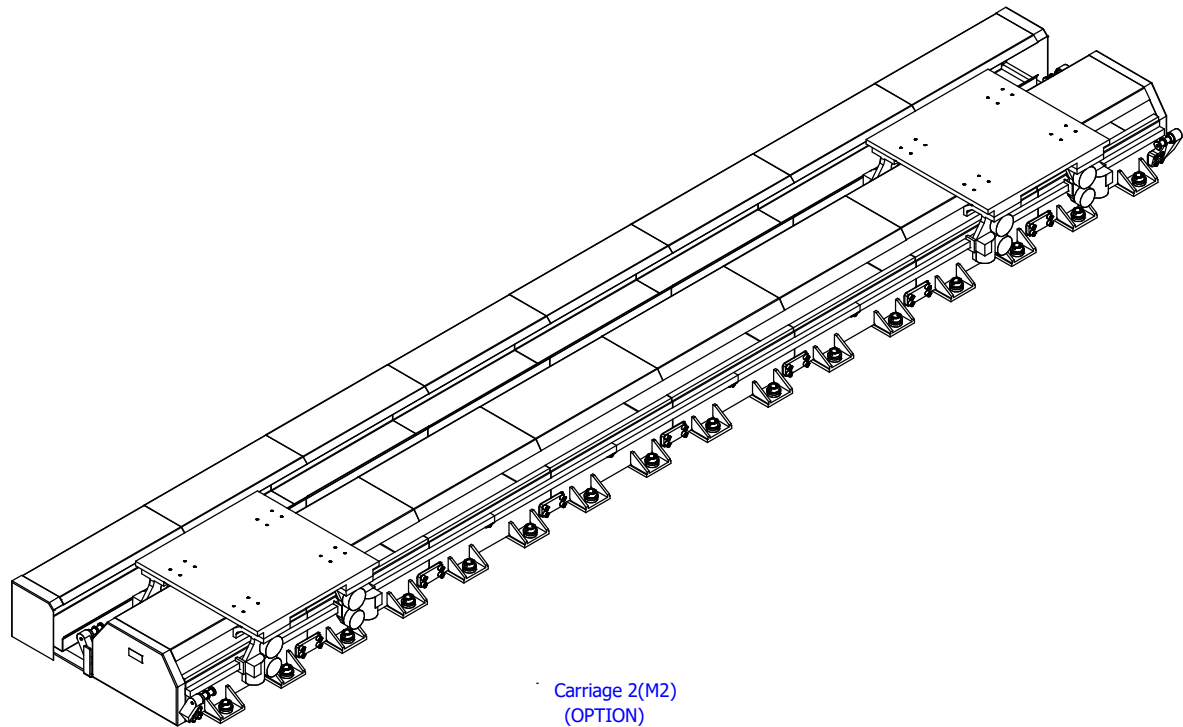
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M7	1	MCB

V250XT/V400XT



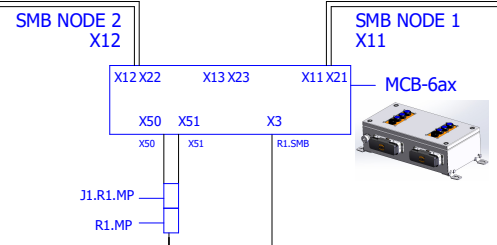
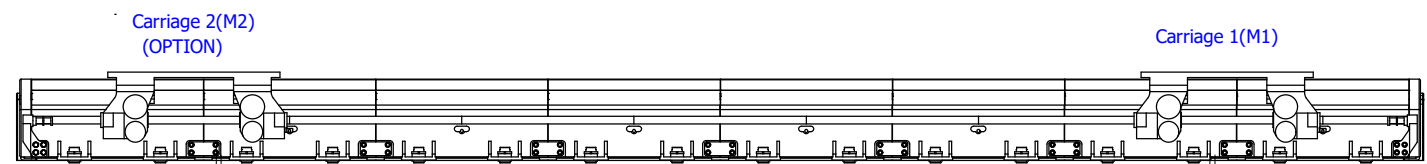
X7	X7/X8
X3	XP2
X1	XP1
X2	XP2





\* SYSTEM CONFIGURATION

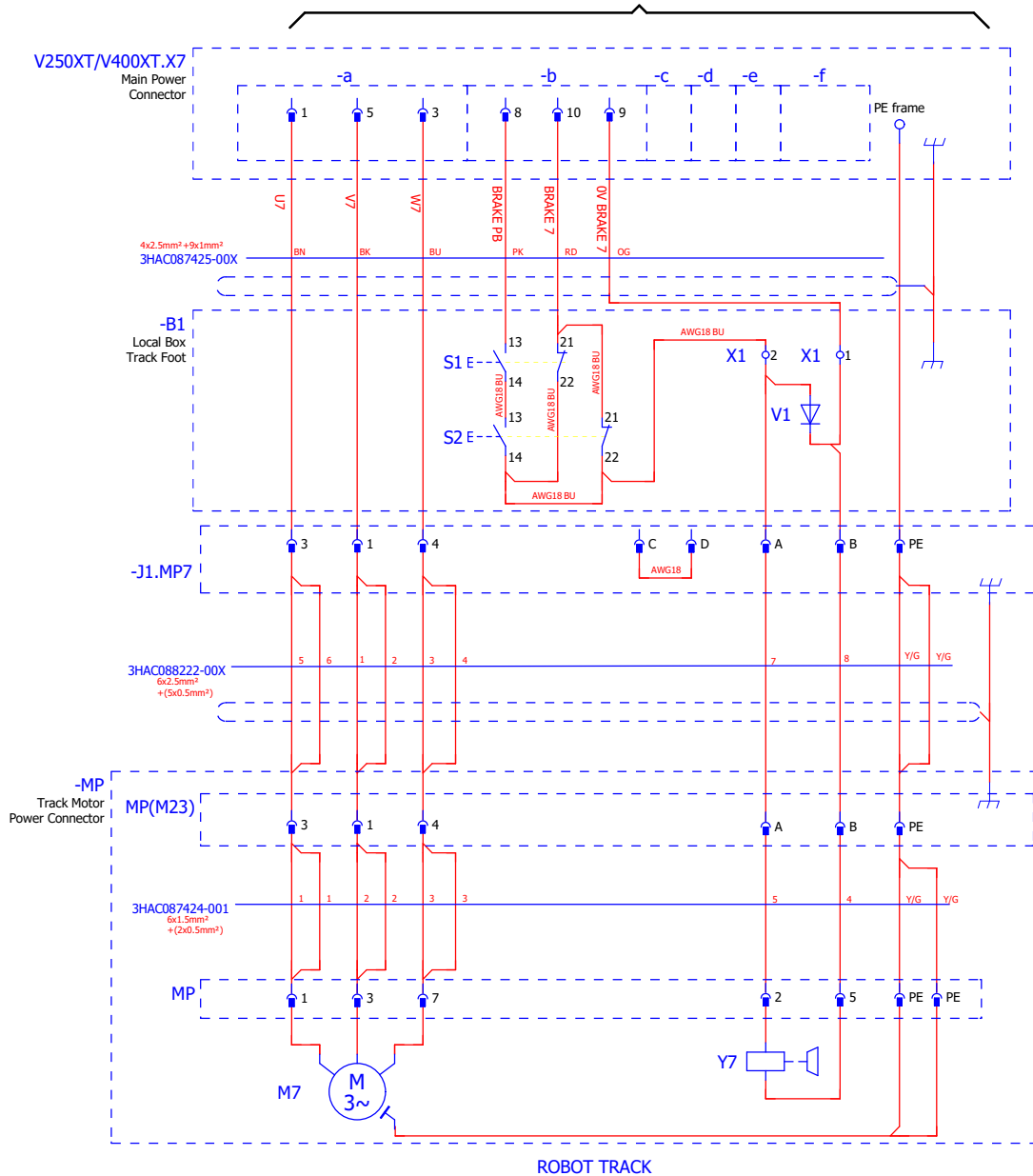
MOTOR No.	SMB NODE No.	UNIT
M1	1	MCB-6ax
M2(OPTION)	2	MCB-6ax





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ROBOT CONTROL SYSTEM



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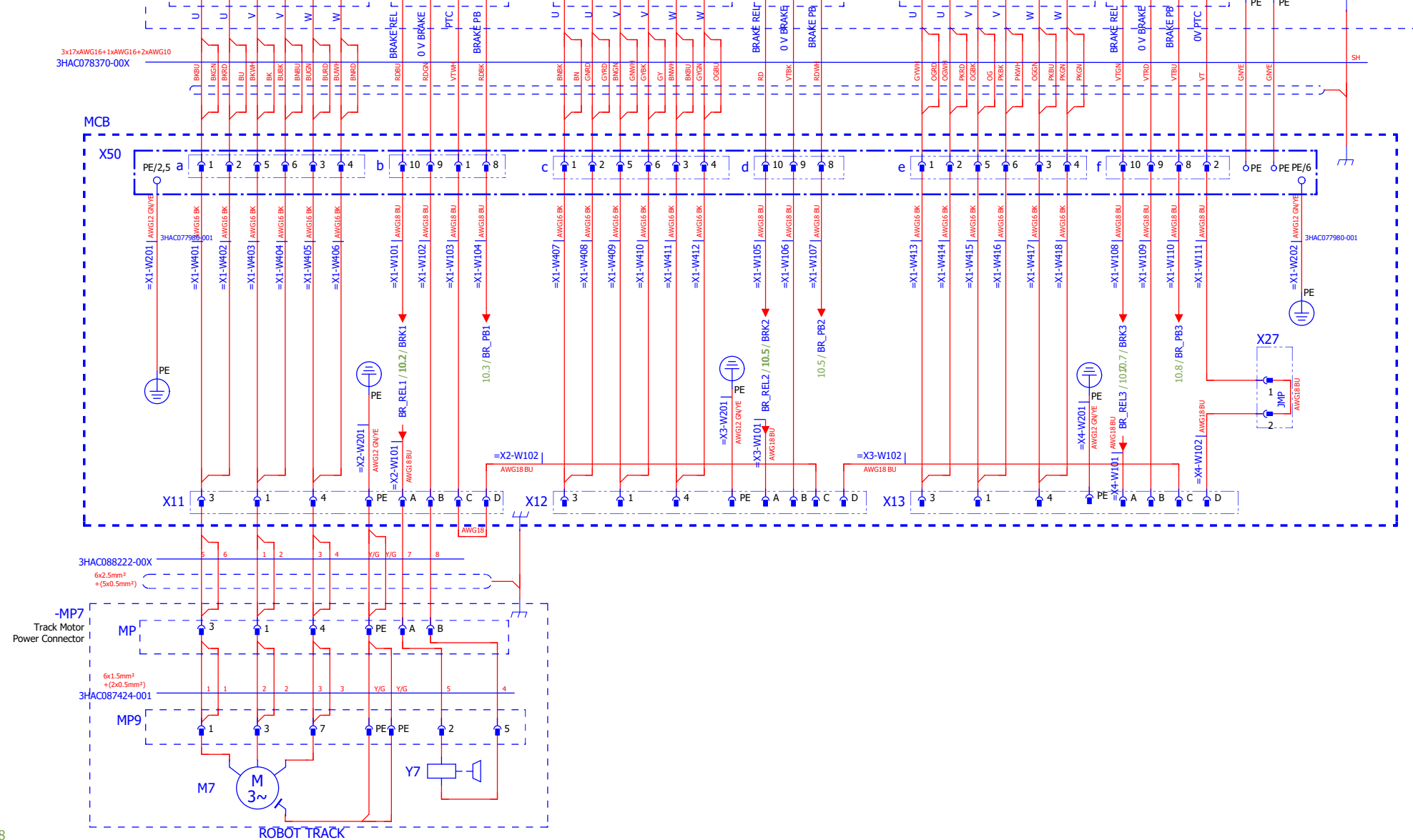
MOTOR IRT,  
IRB46x0/660/6xx0/760/7600/57x0/6650s  
--name to be update

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SEE EL. DRAWINGS FOR THE  
ROBOT CONTROL SYSTEM

V250XT/V400XT.X7/X8  
Main Power Connector



8 ROBOT TRACK

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IRT 710 & OmniCore V-line



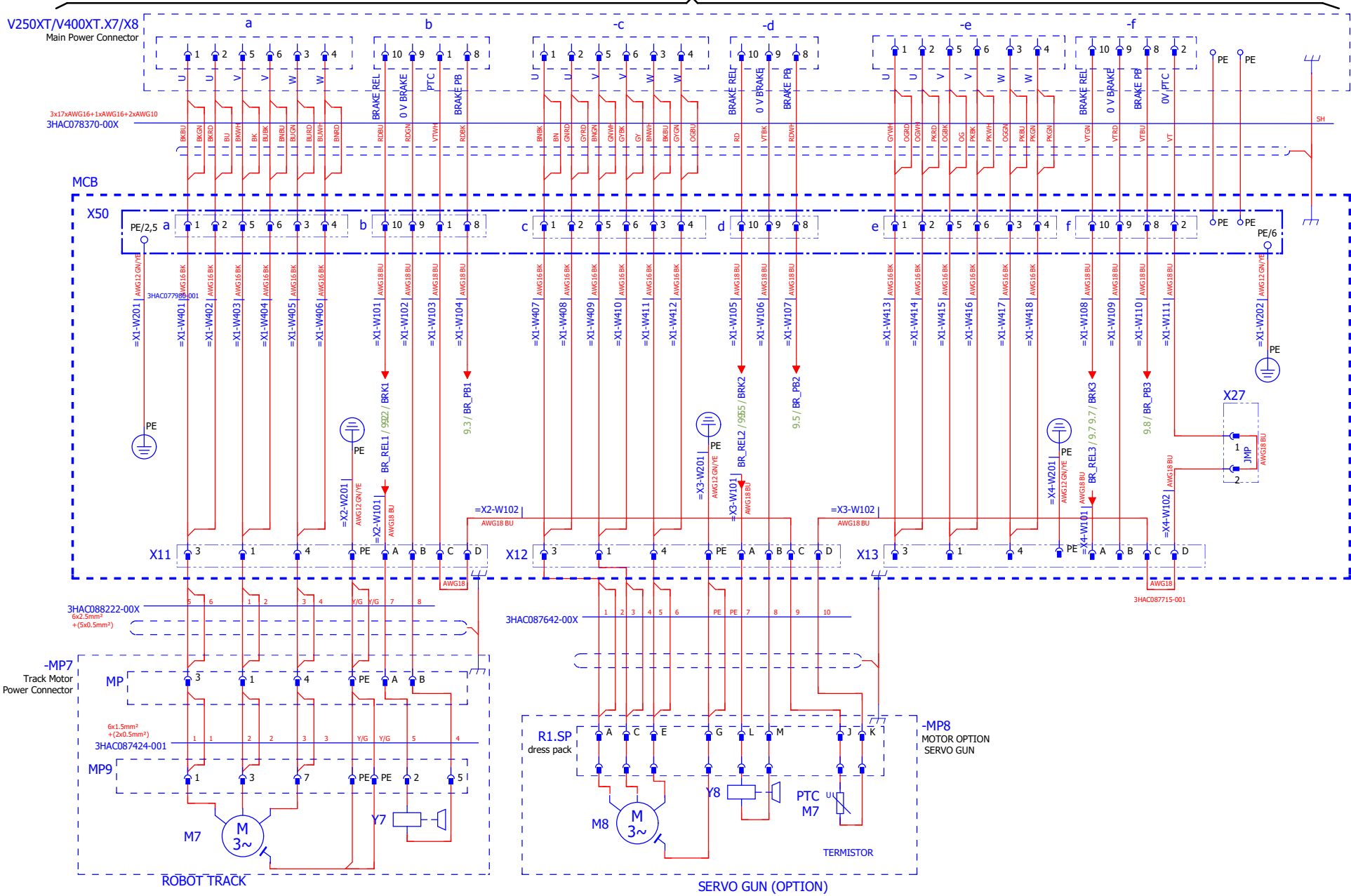
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IRT 710 & OmniCore V-line	
Replacement of	Replaced by



MOTOR IRT, OPTION SERVO GUN

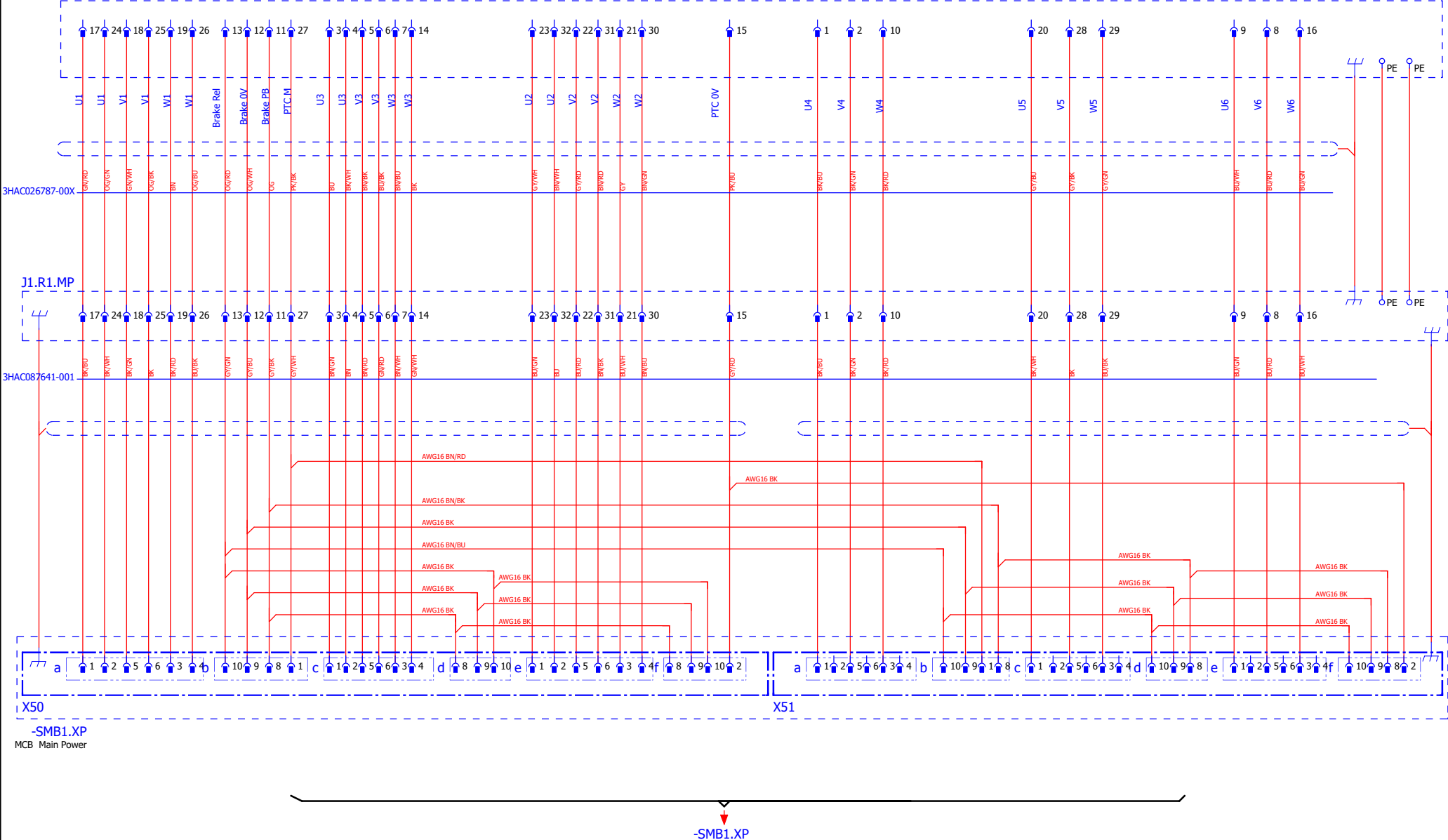
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Omnicores V250XT/V400XT.X1

Main Power Connector V250XT/V400XT X1 High Voltage

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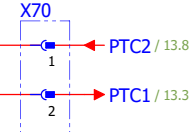
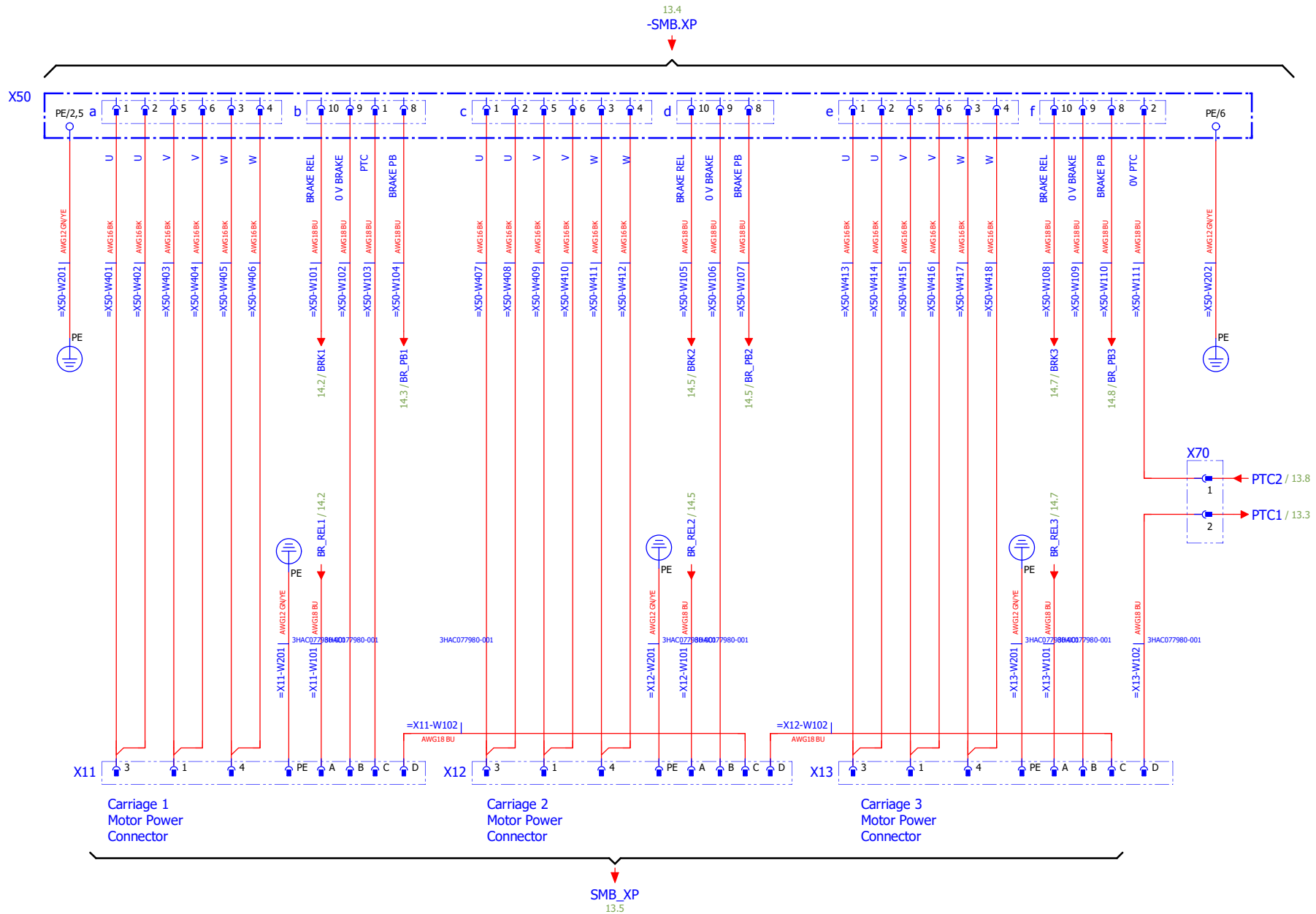
IRT 710 & OmniCore V-line
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MOTOR IRT, TRANSFER CARRIAGE  
STATIC CABLE

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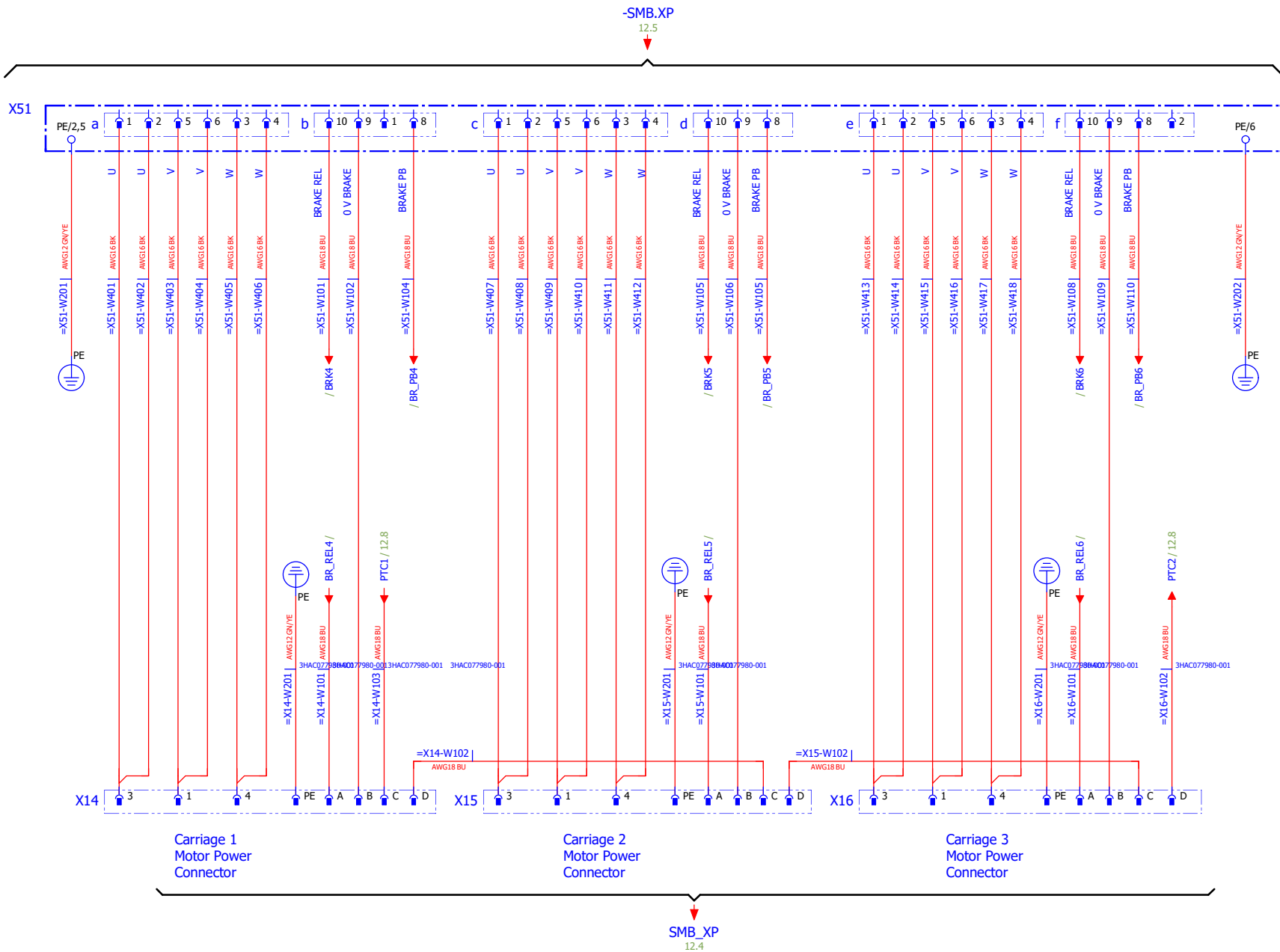


Carriage 1  
Motor Power  
Connector

Carriage 2  
Motor Power  
Connector

Carriage 3  
Motor Power  
Connector

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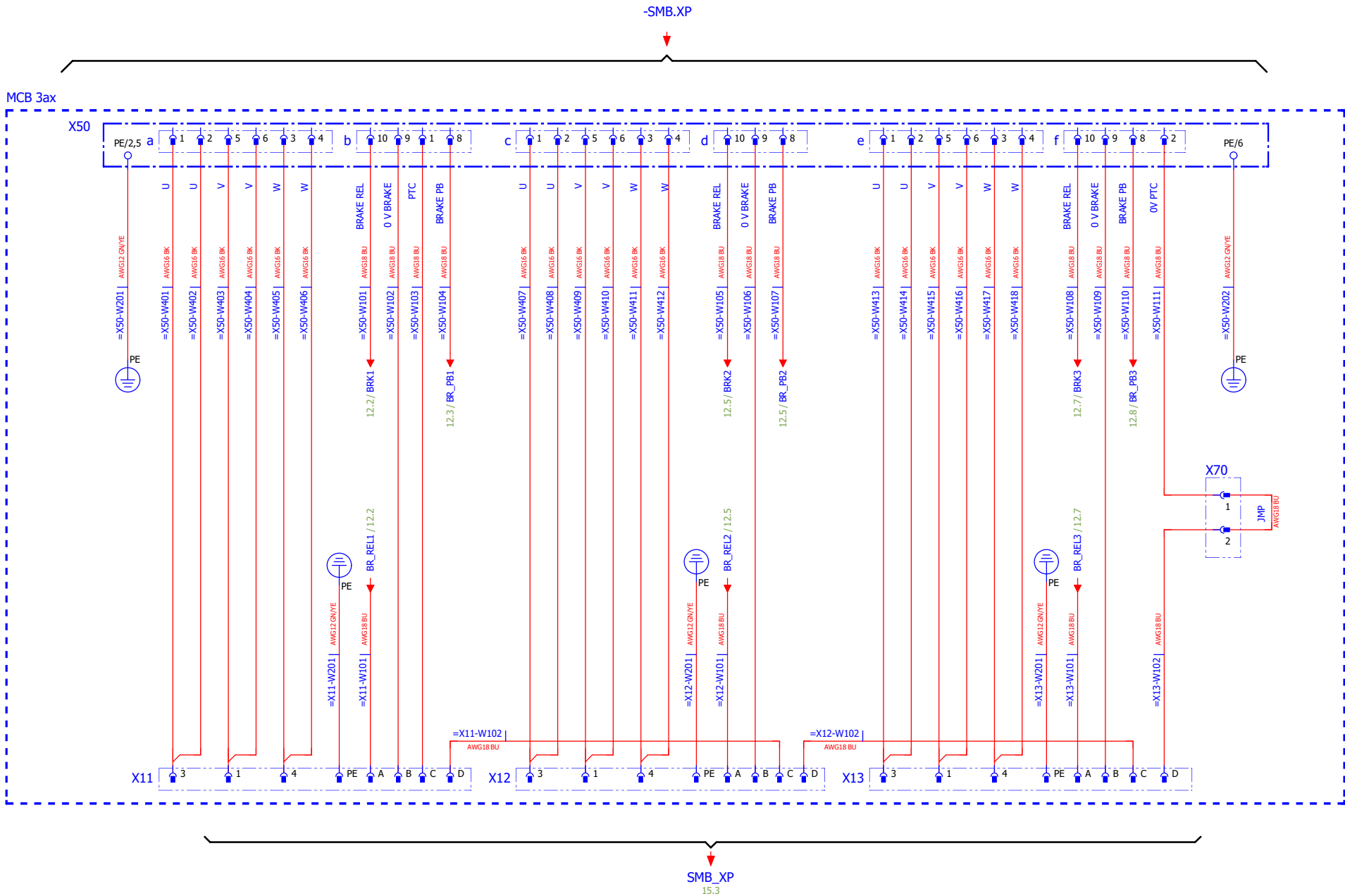
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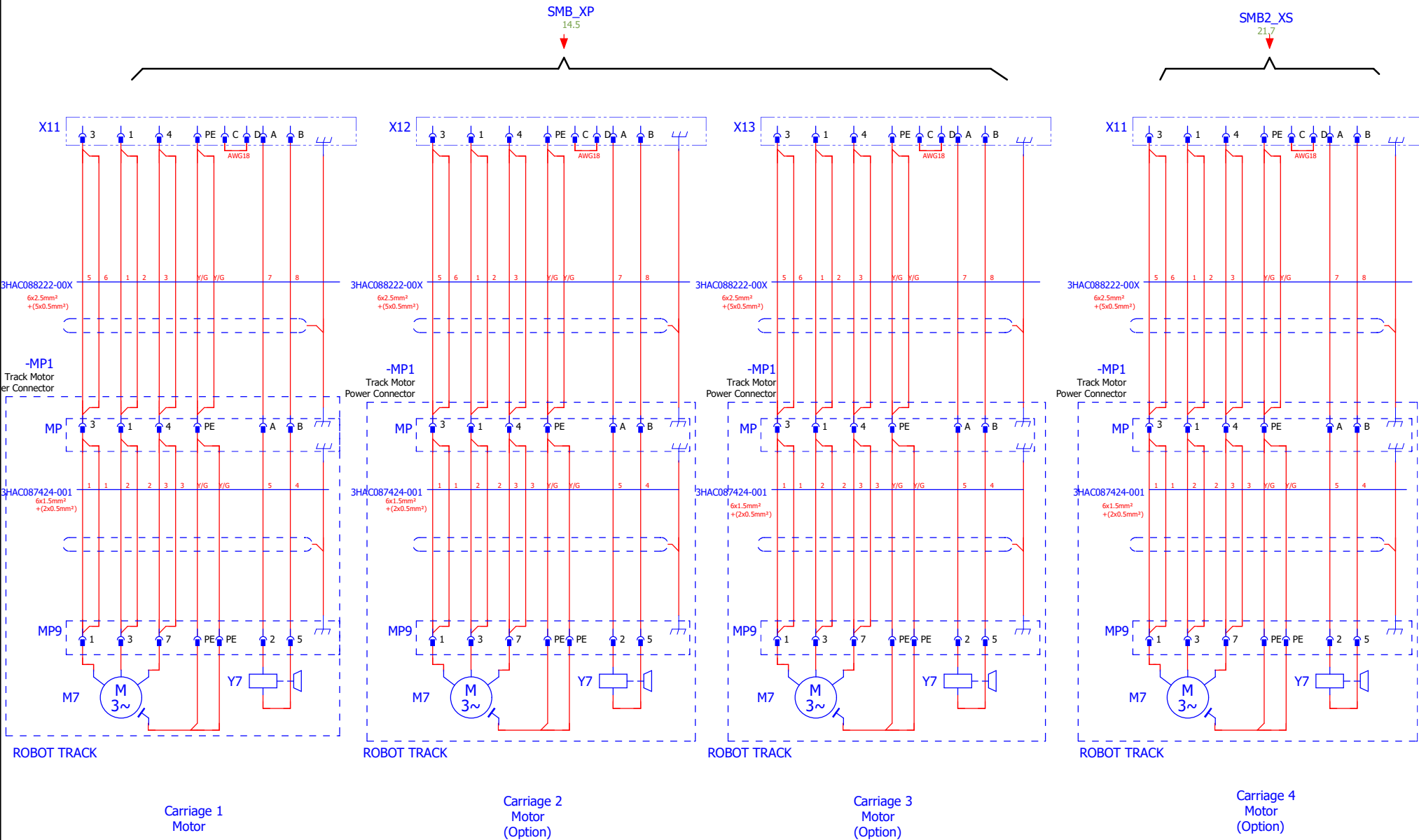
MOTOR IRT, TRANSFER CARRIAGE SMB  
(6 Axes: 4-6axes)

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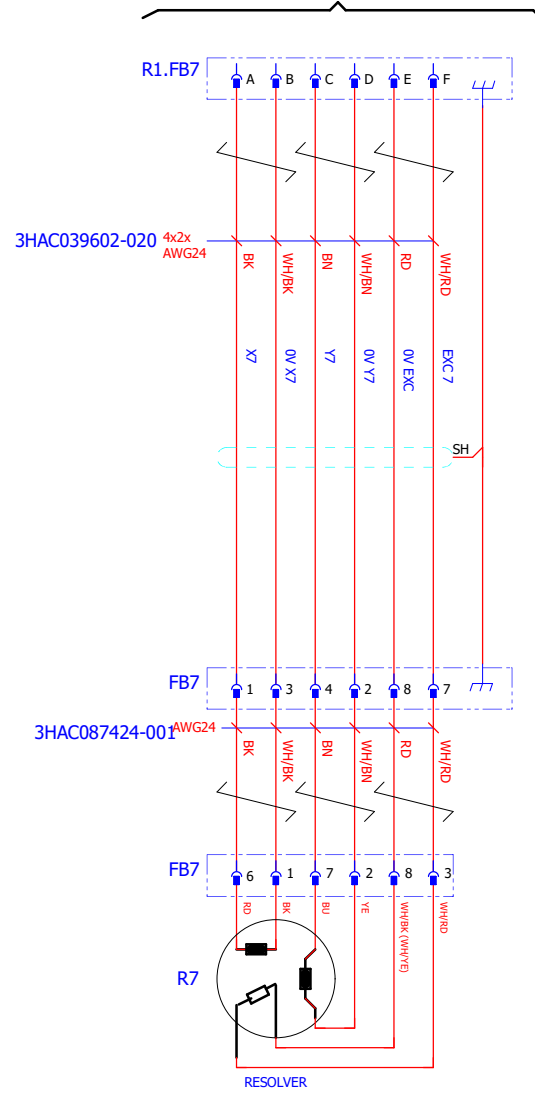


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Prepare by, Date: Yan Zhang 20240131		Approve by, Date: Fabrice Legeleux 202403		Replacement of		Replaced by		Rev.Ind	
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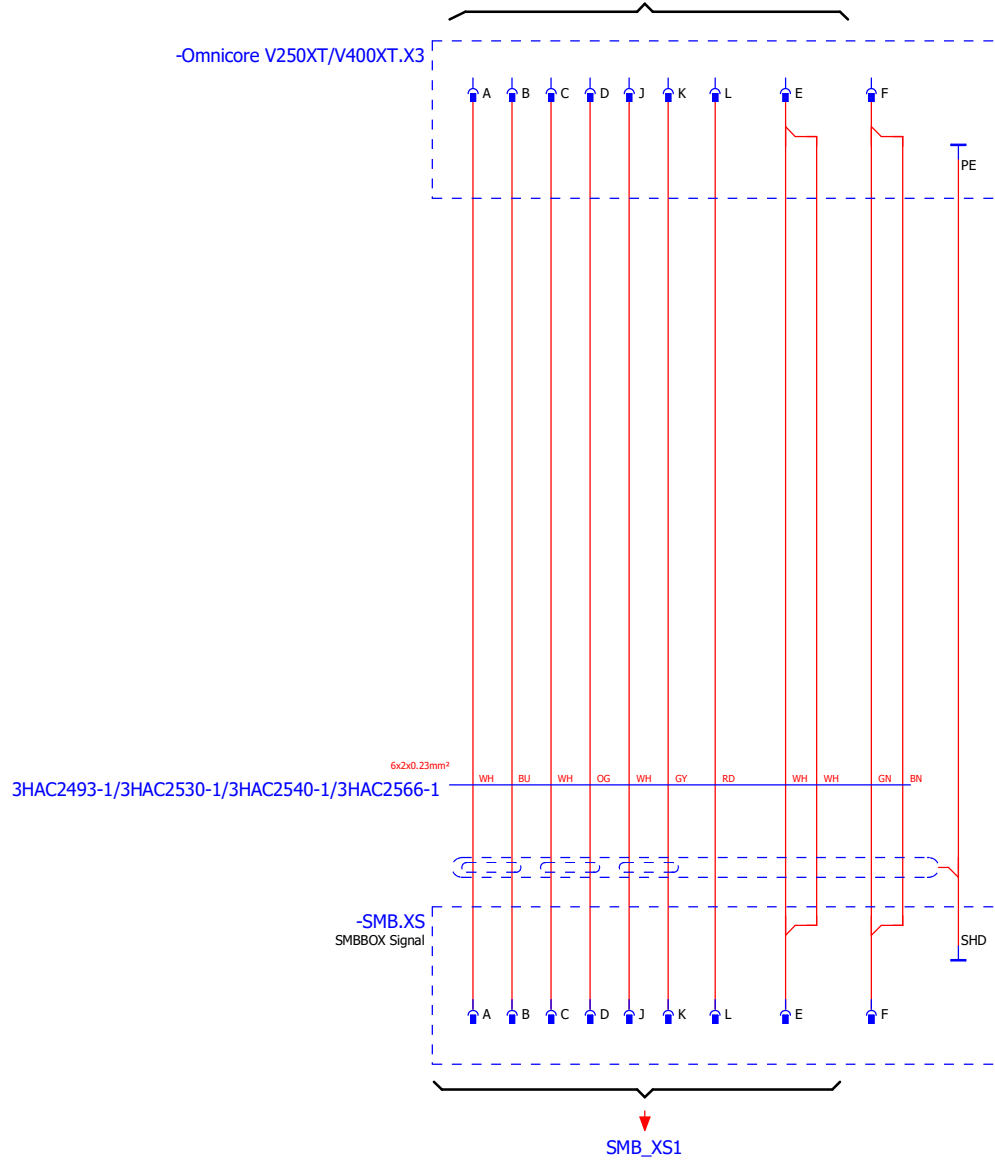


MOTOR RESOLVER,  
IRB46x0/6xx0/760/7600

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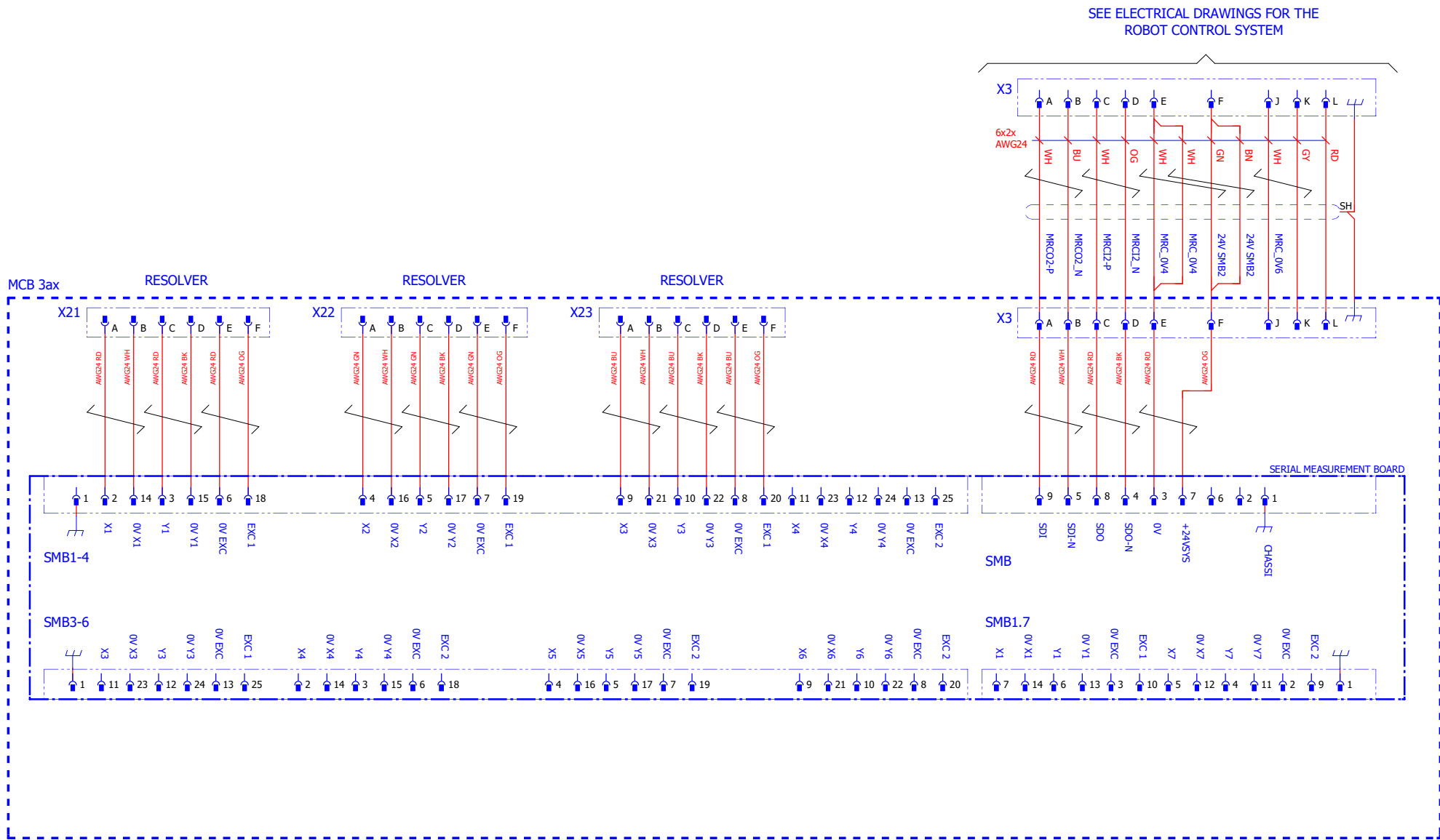
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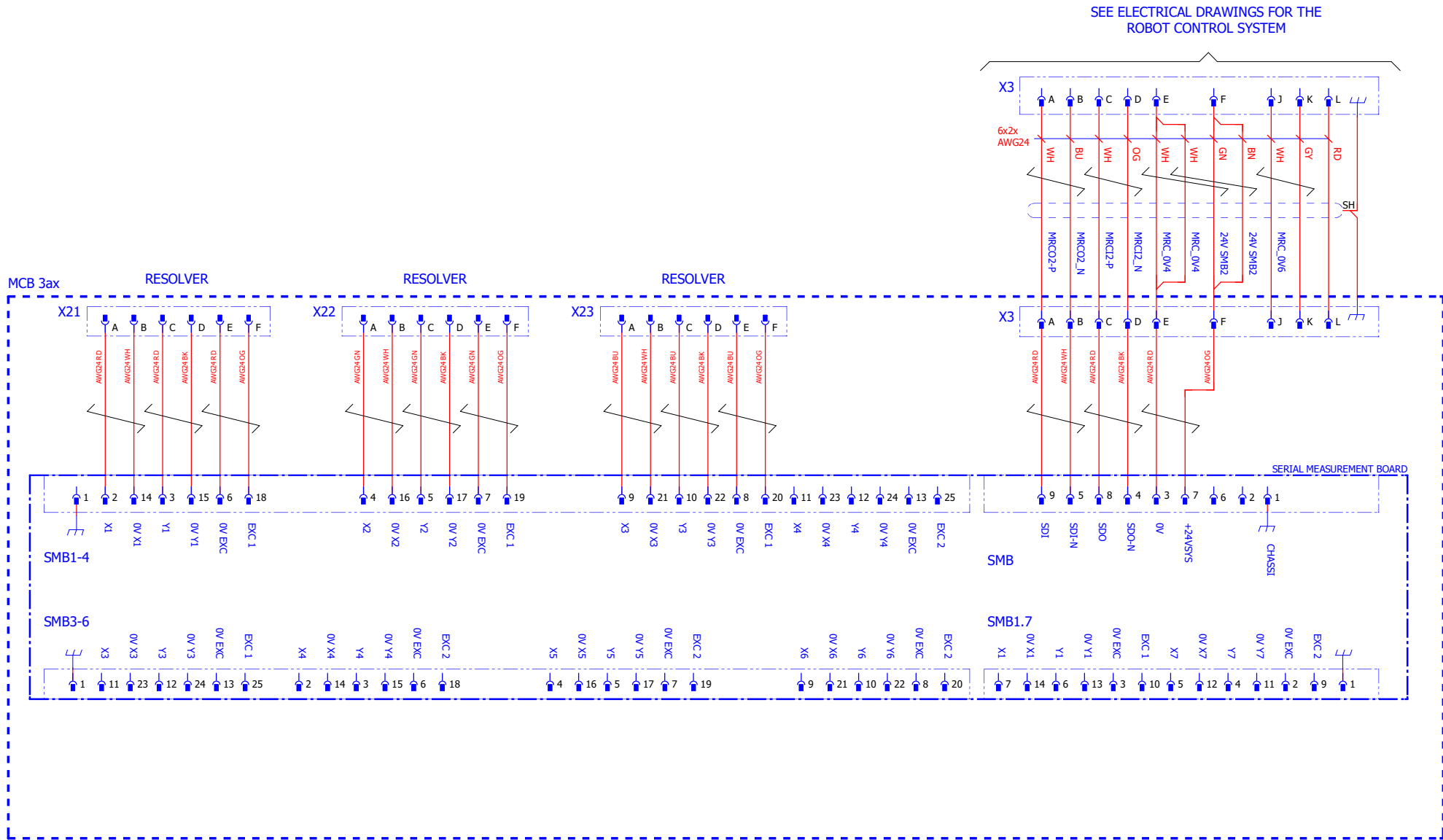


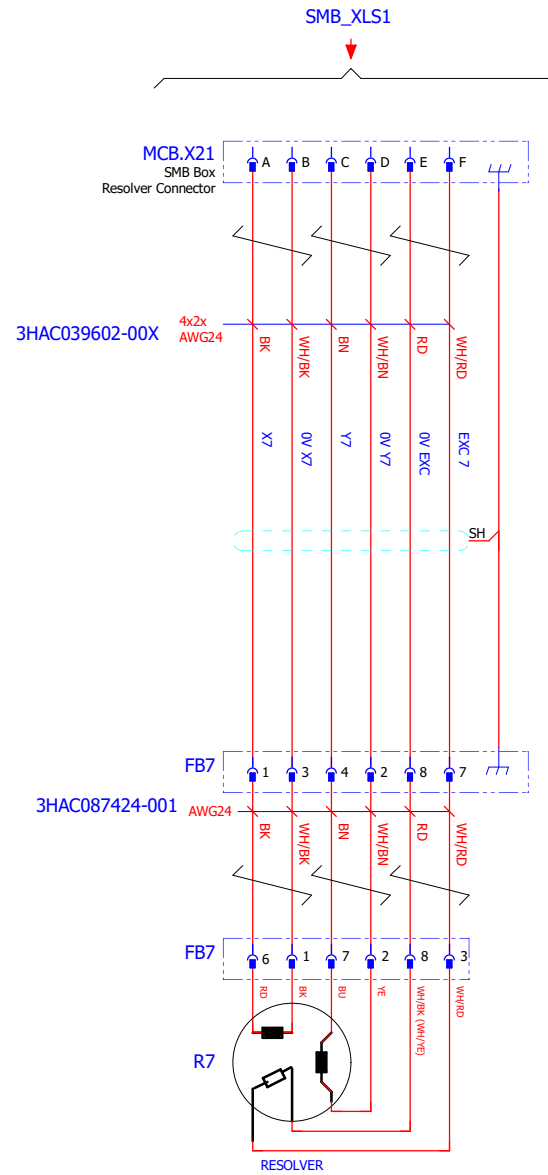
MOTOR RESOLVER STATIC CABLE

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MOTOR RESOLVER CONNECTION

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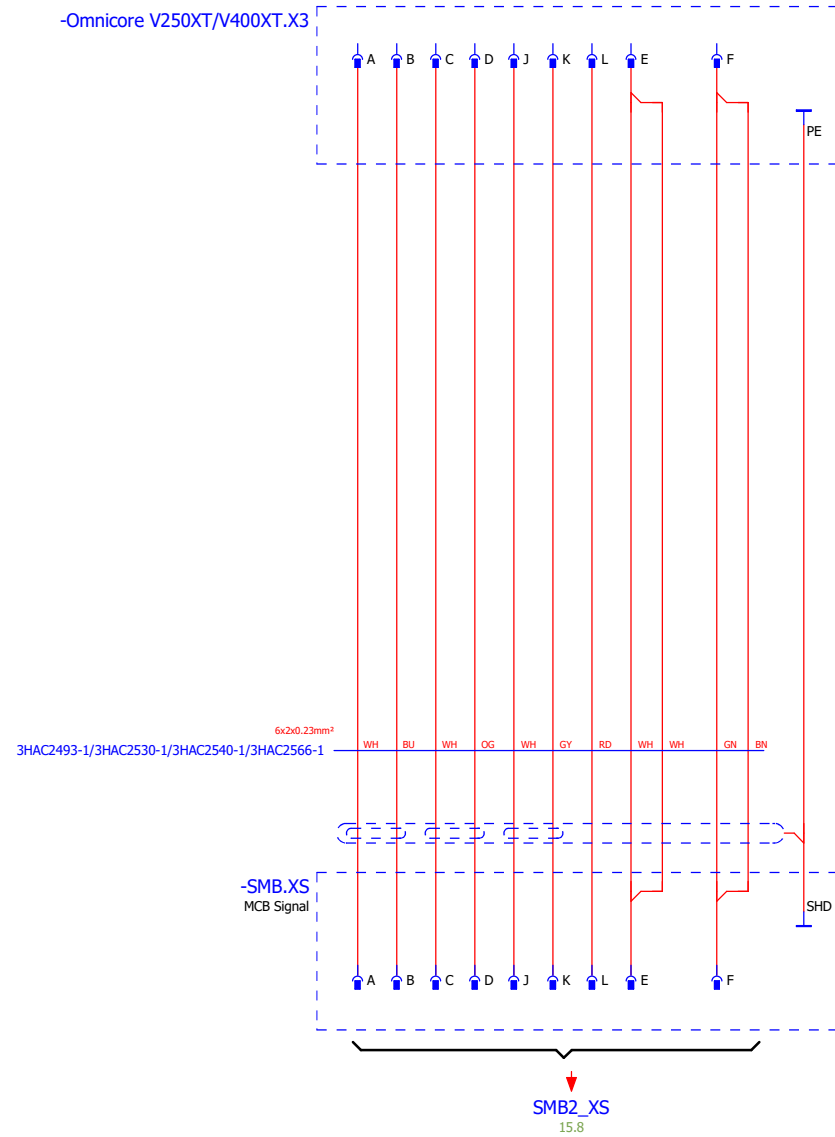
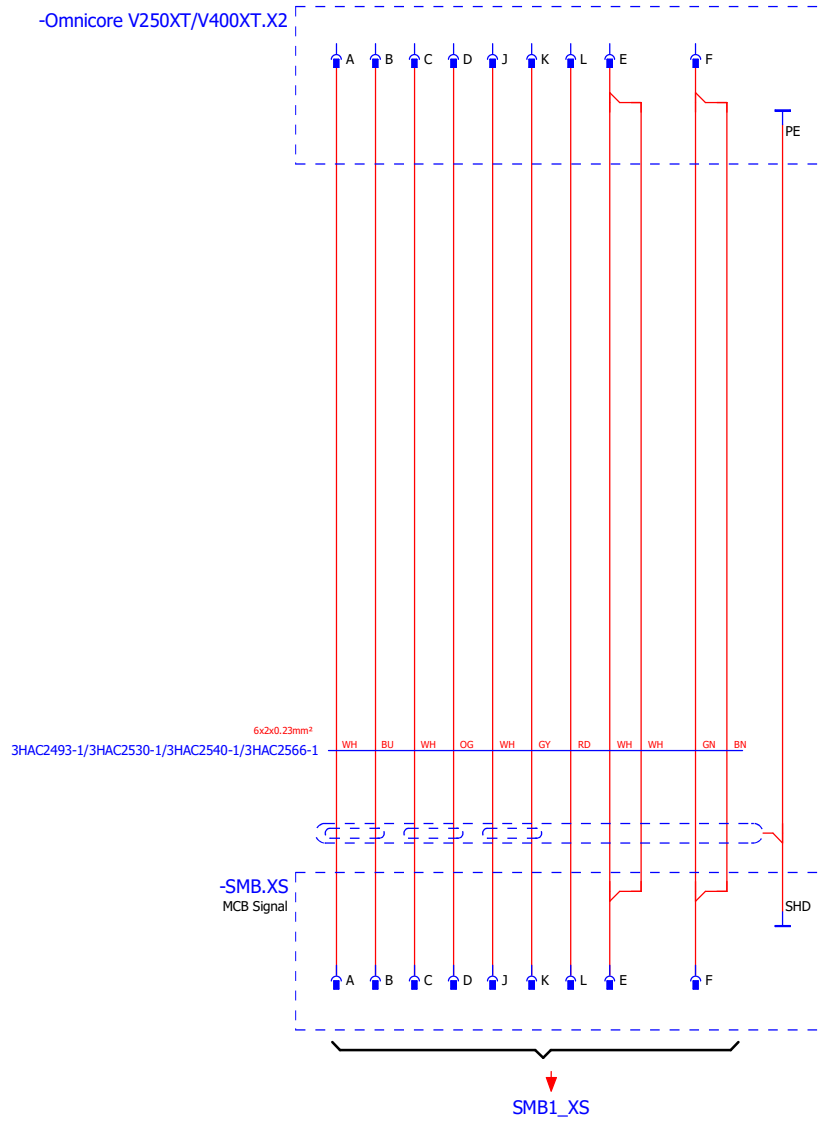
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-Omnicores V250XT/V400XT.X2

-Omnicores V250XT/V400XT.X3



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IRT 710 & OmniCore V-line	Replacement of	Replaced by
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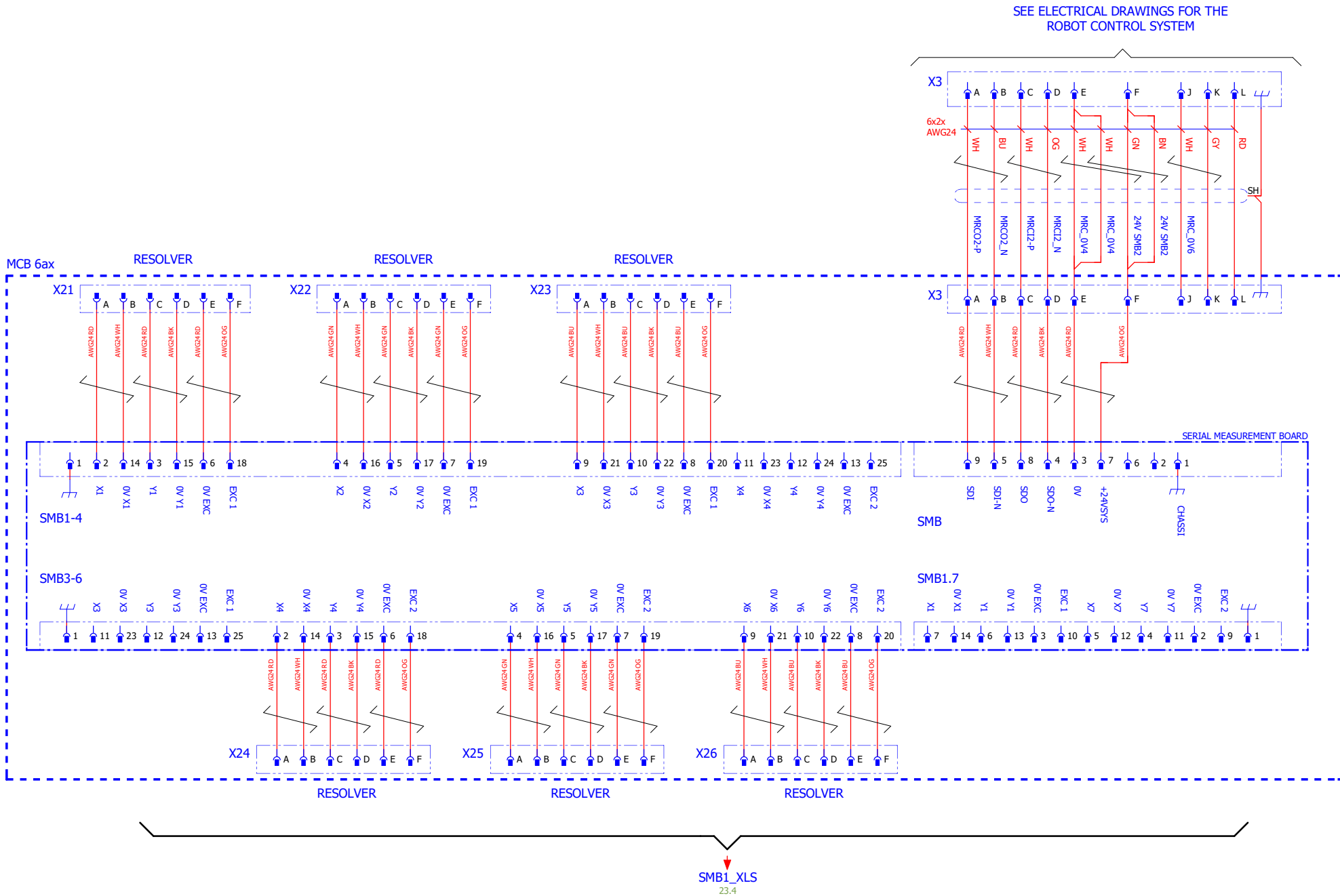


MOTOR RESOLVER, TRANSFER CARRIAGE STATIC CABLE

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SMB1\_XLS  
23.4

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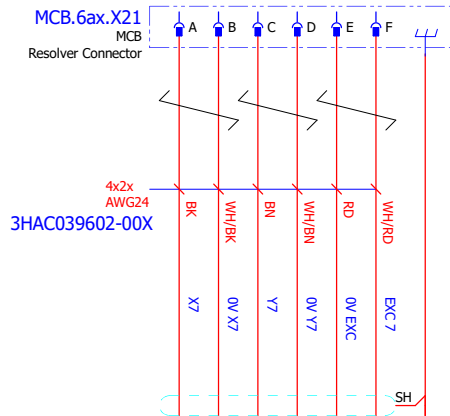
MOTOR RESOLVER, TRANSFER  
CARRIAGE SMB 1(6Axes)

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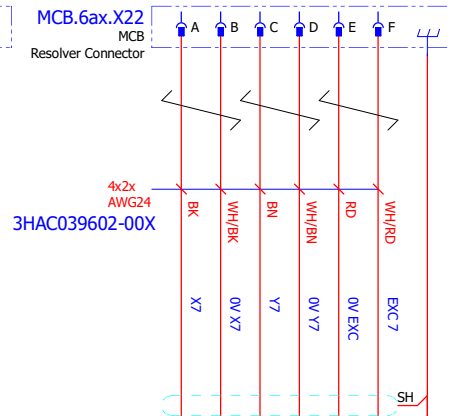
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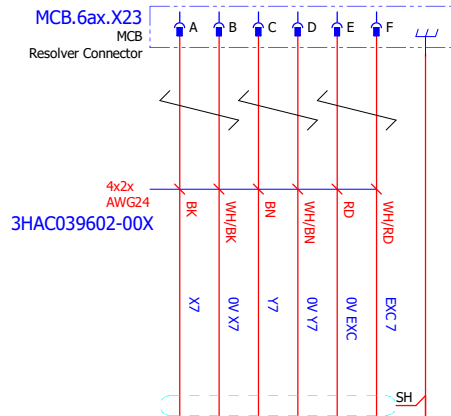
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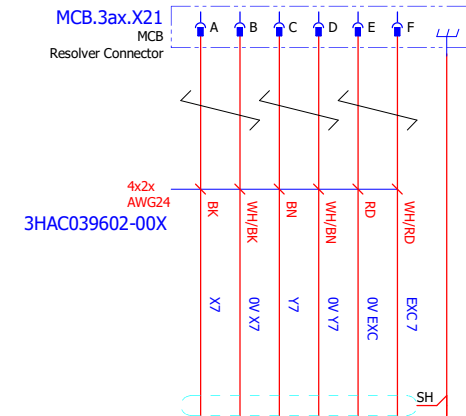
Carriage 1  
Motor Resolver



Carriage 2  
Motor Resolver  
(Option)



Carriage 3  
Motor Resolver  
(Option)

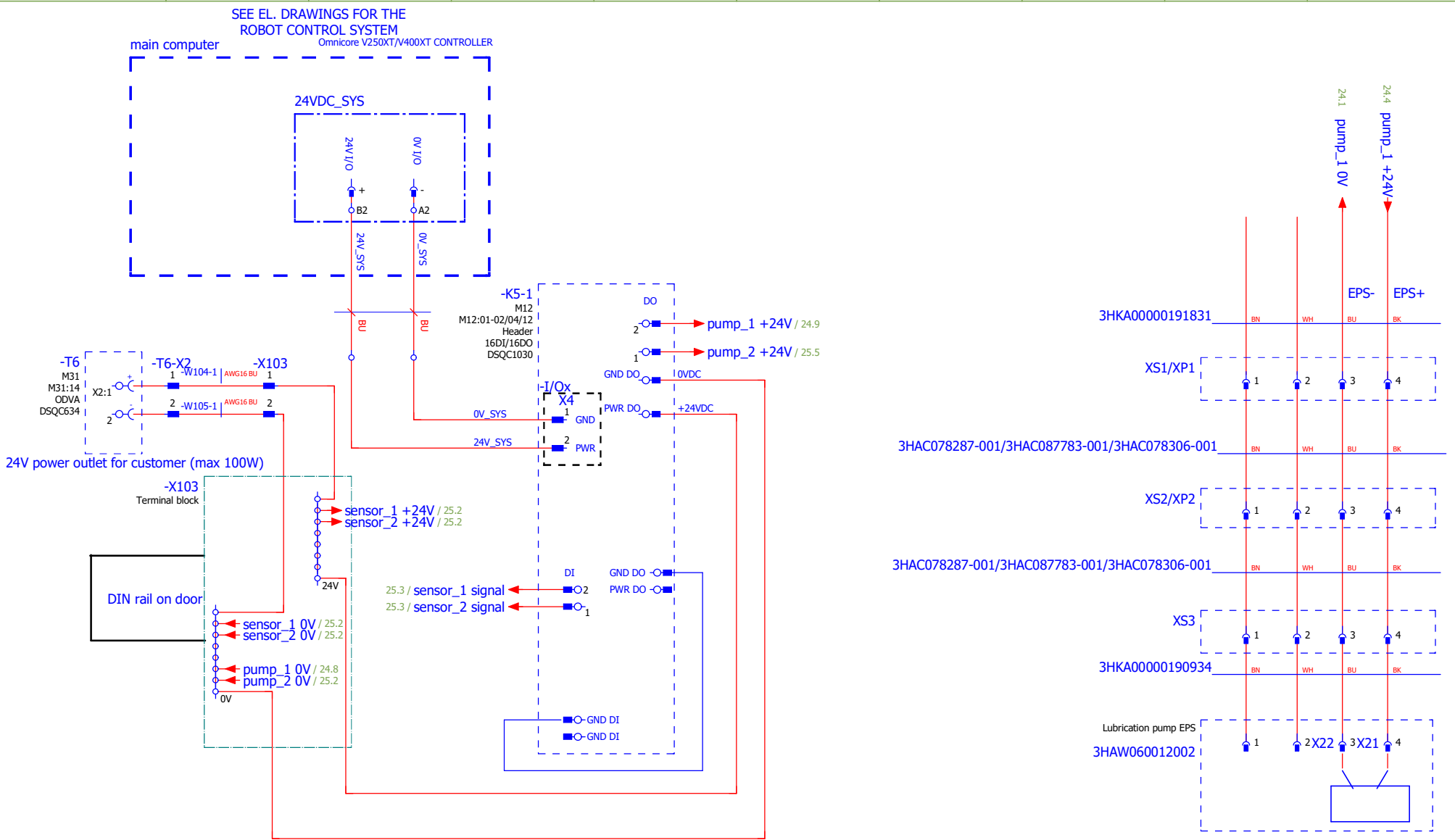


Carriage 4  
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(Option)

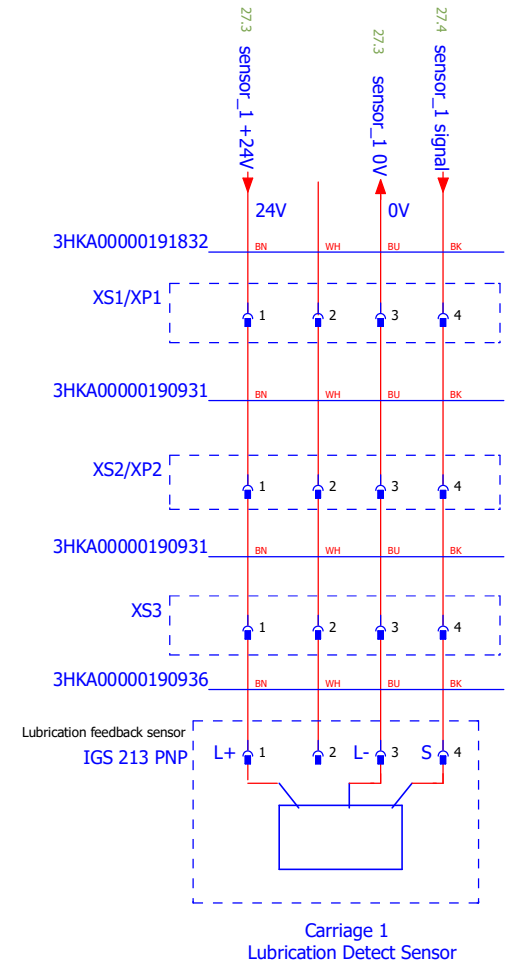
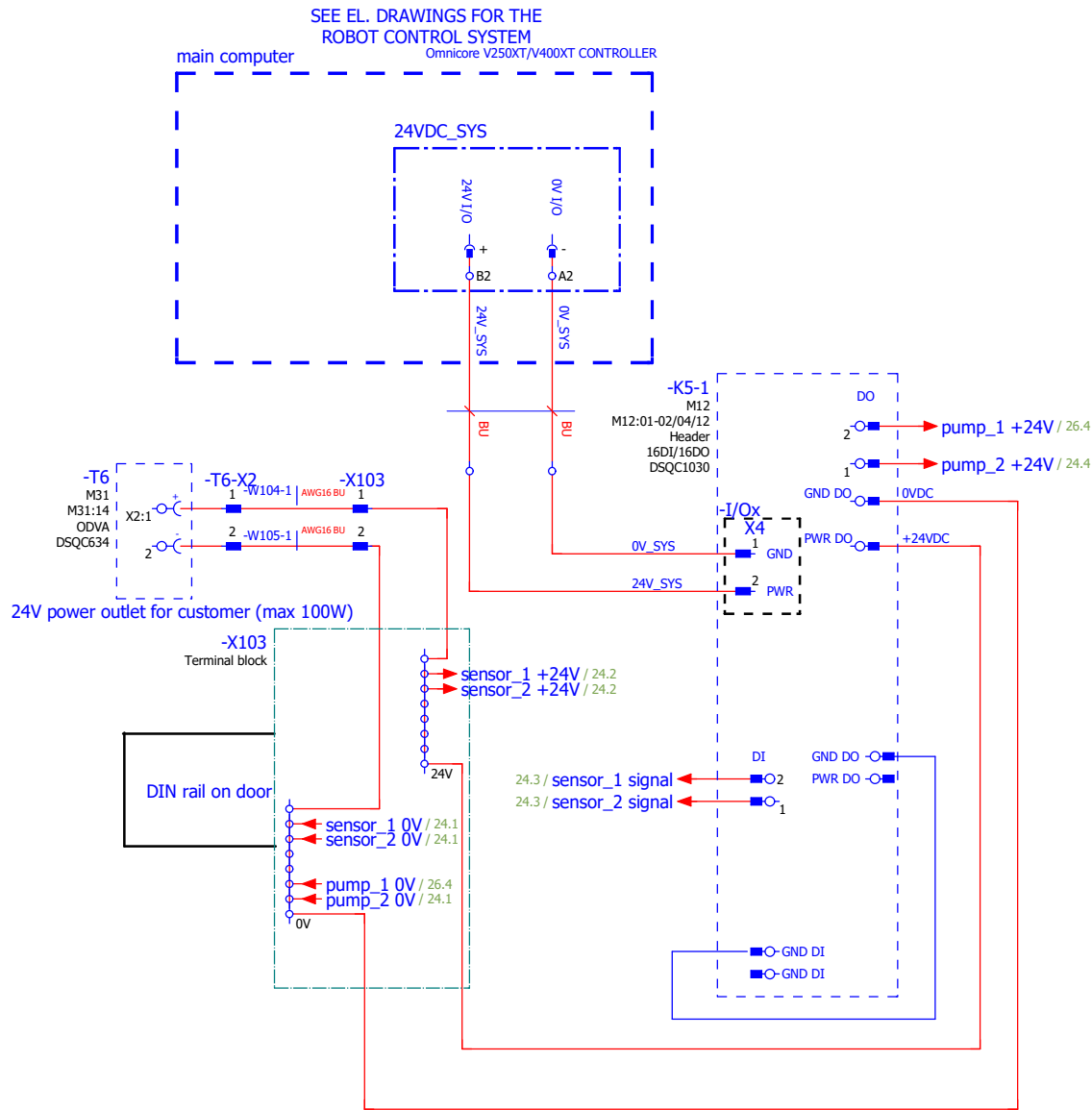


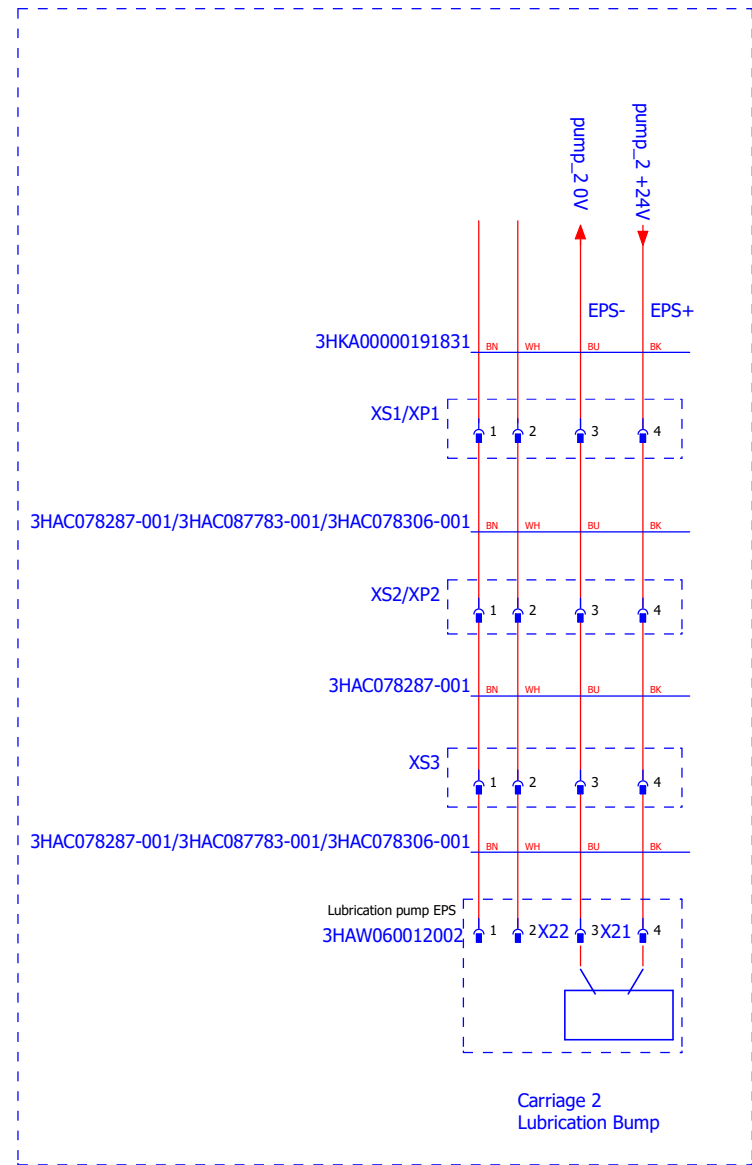
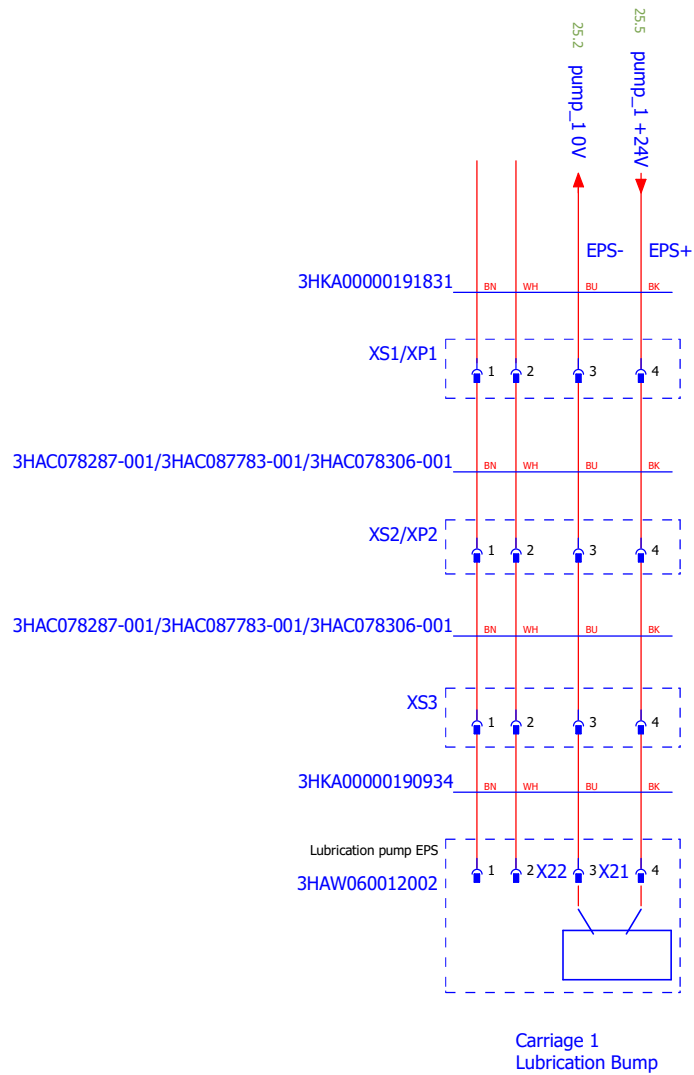


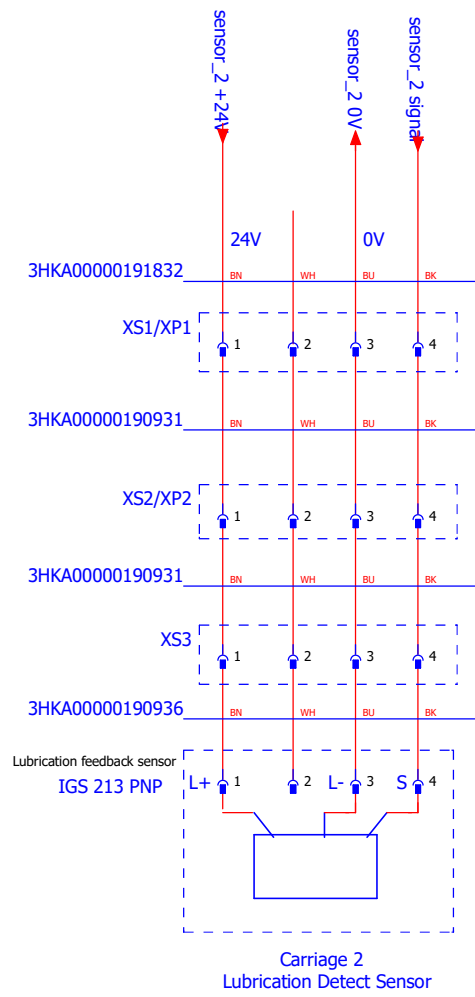
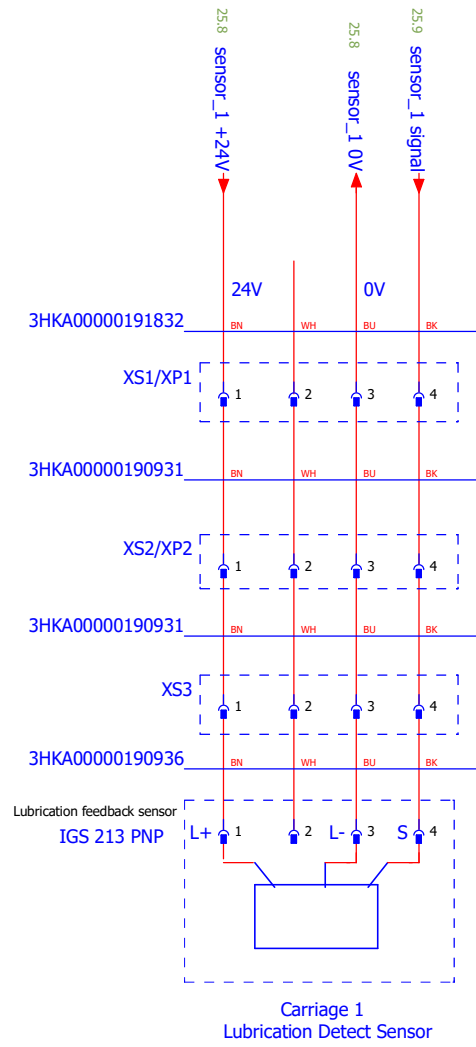
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IRT 710 & OmniCore V-line	Replacement of	Replaced by
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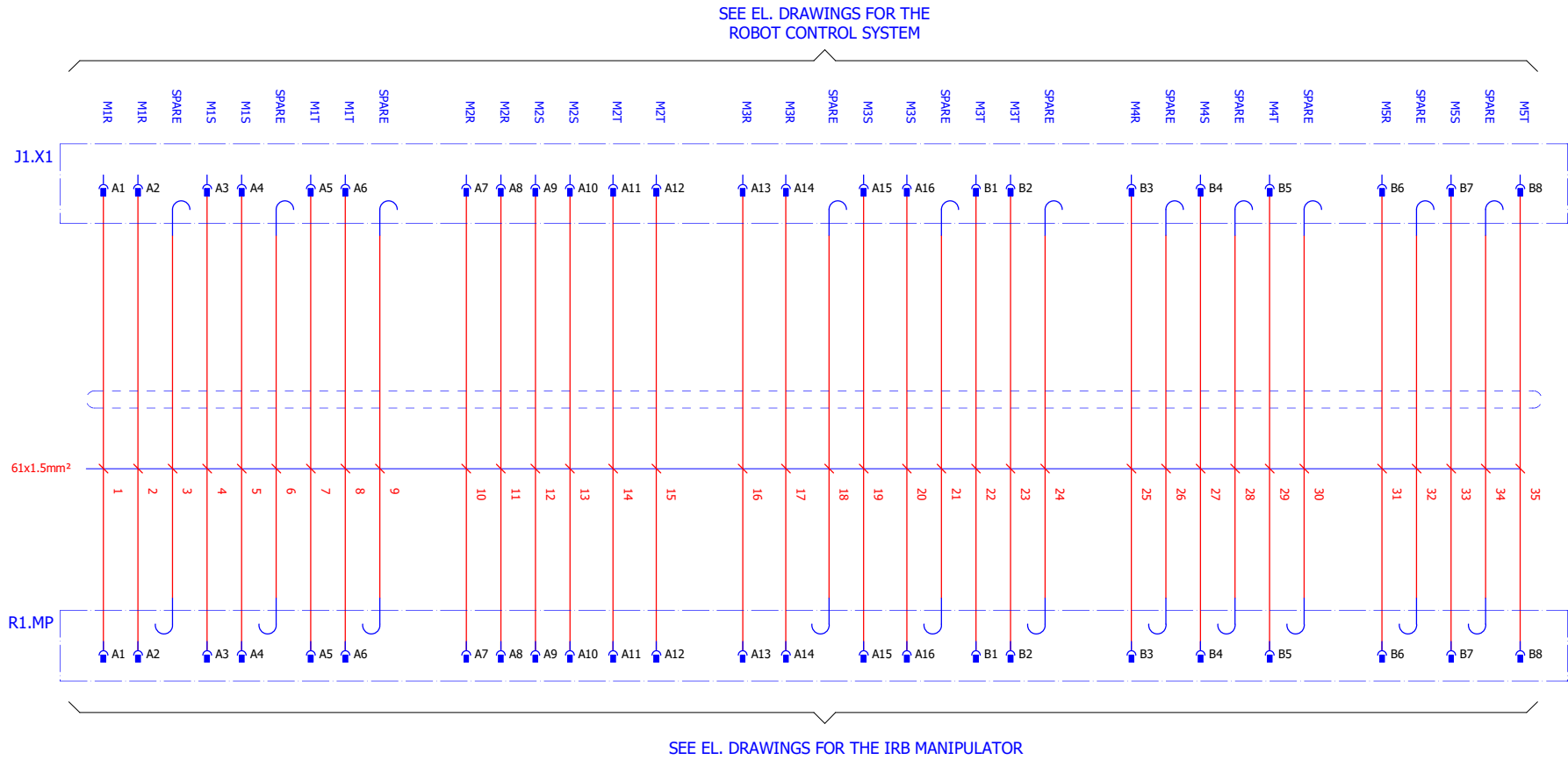


OPTION LUBRICATION FEEDBACK  
TRANSFER CARRIAGE

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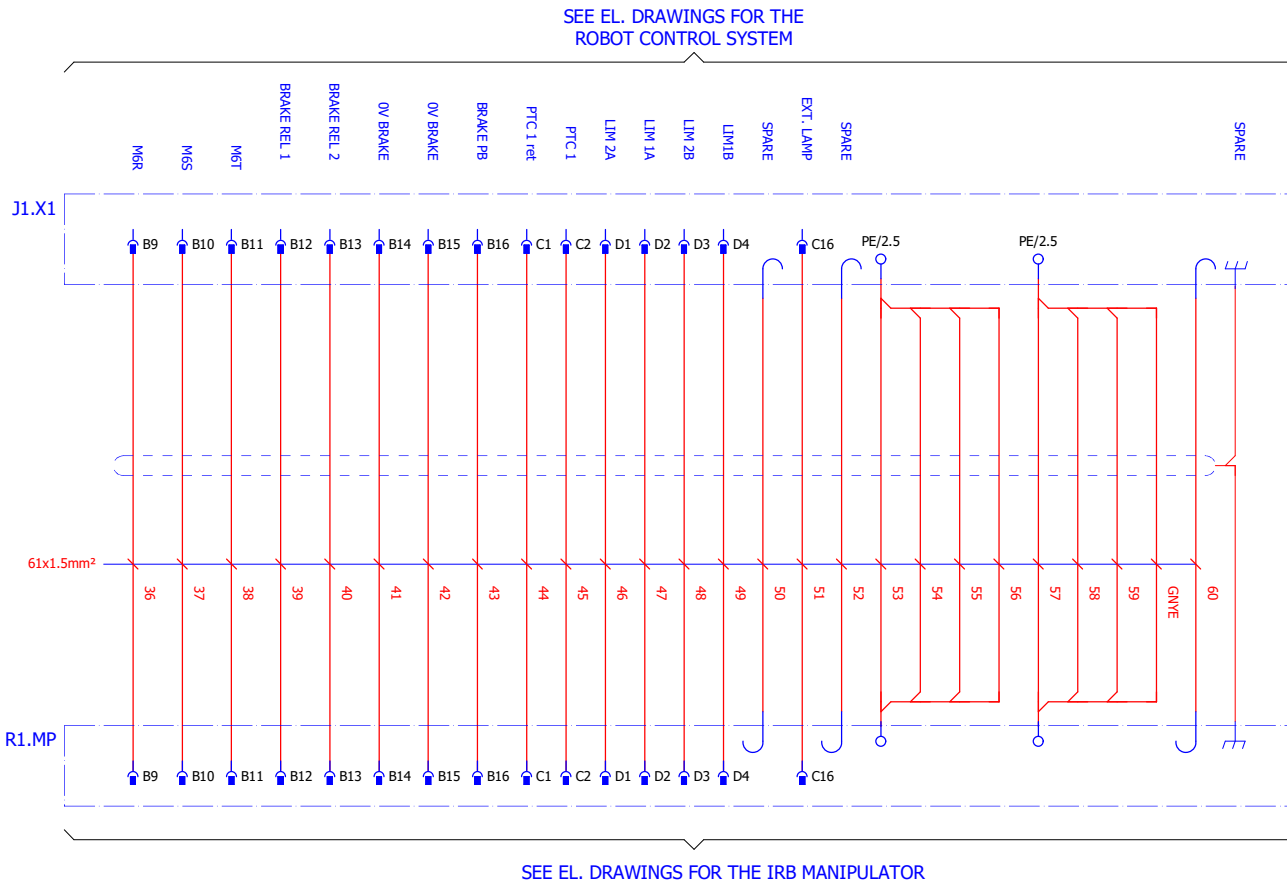
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MOTOR CABLE, IRB4400

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IRT 710 & OmniCore V-line
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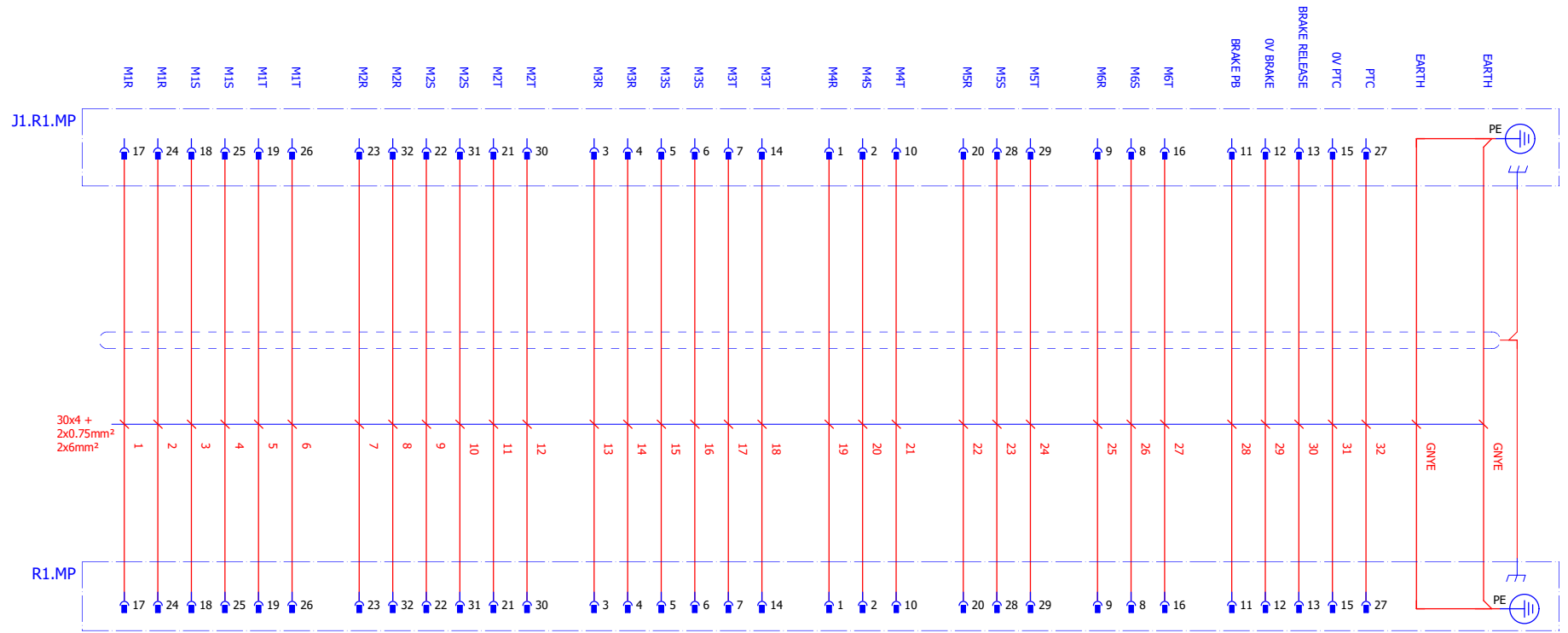


MOTOR CABLE, IRB4400
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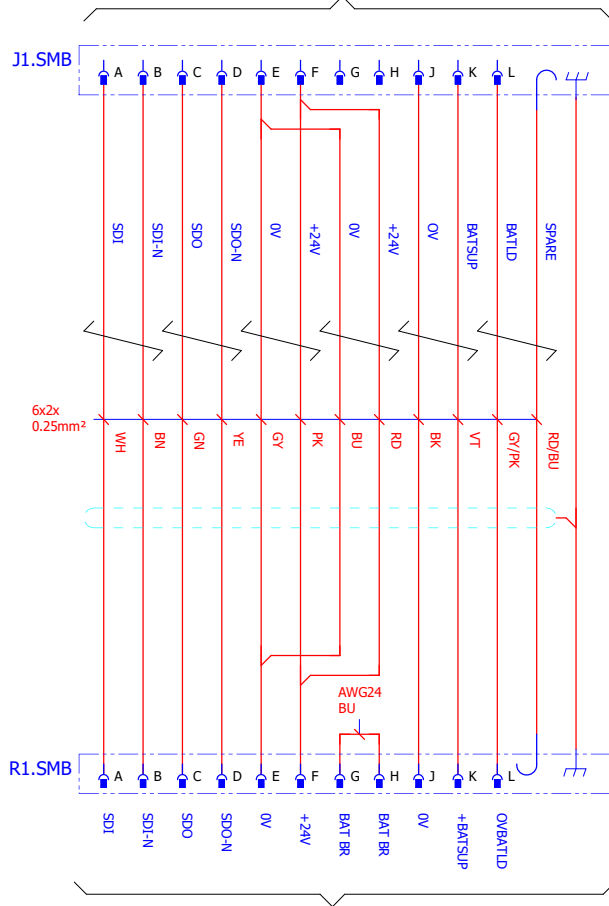
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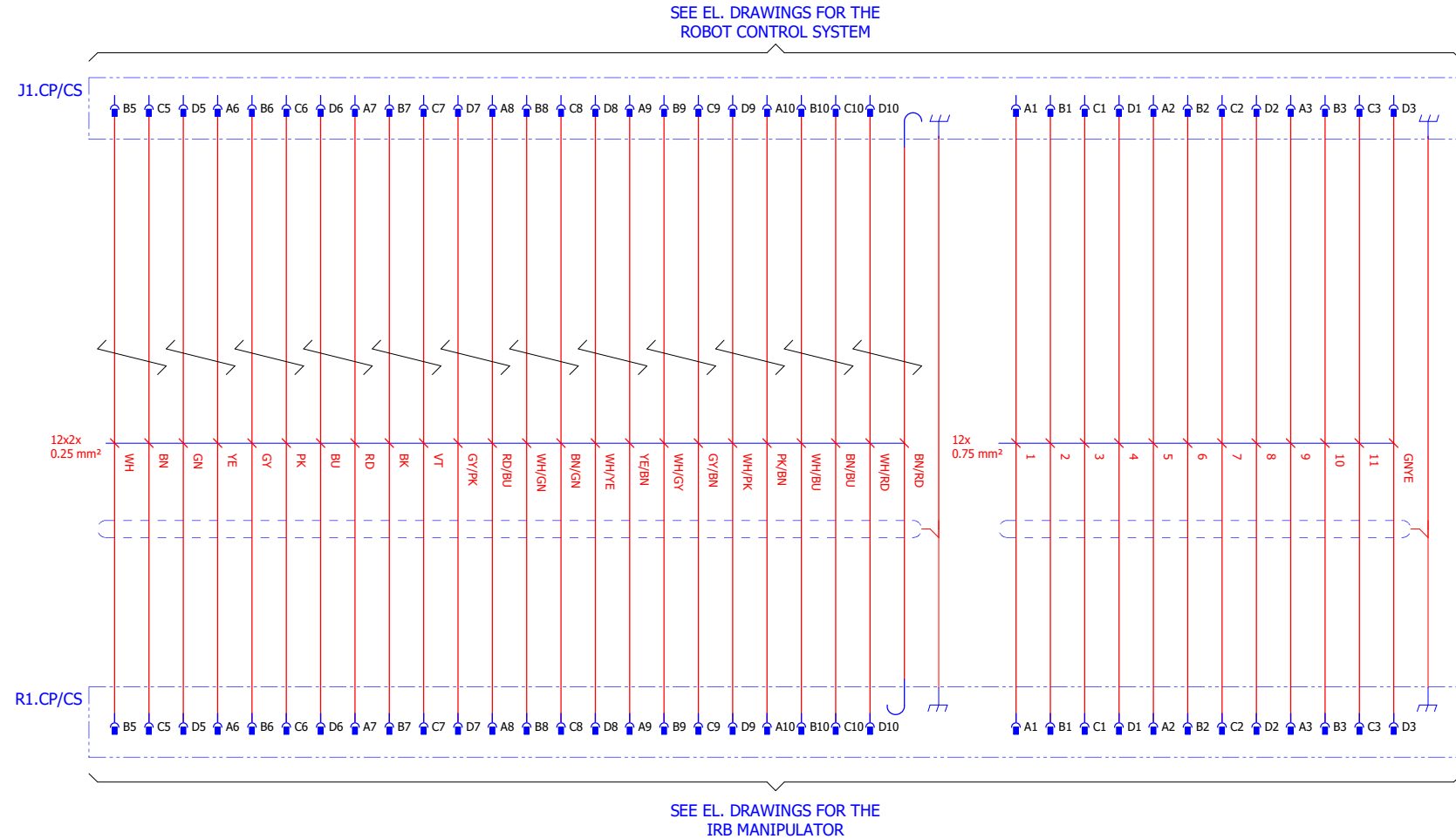
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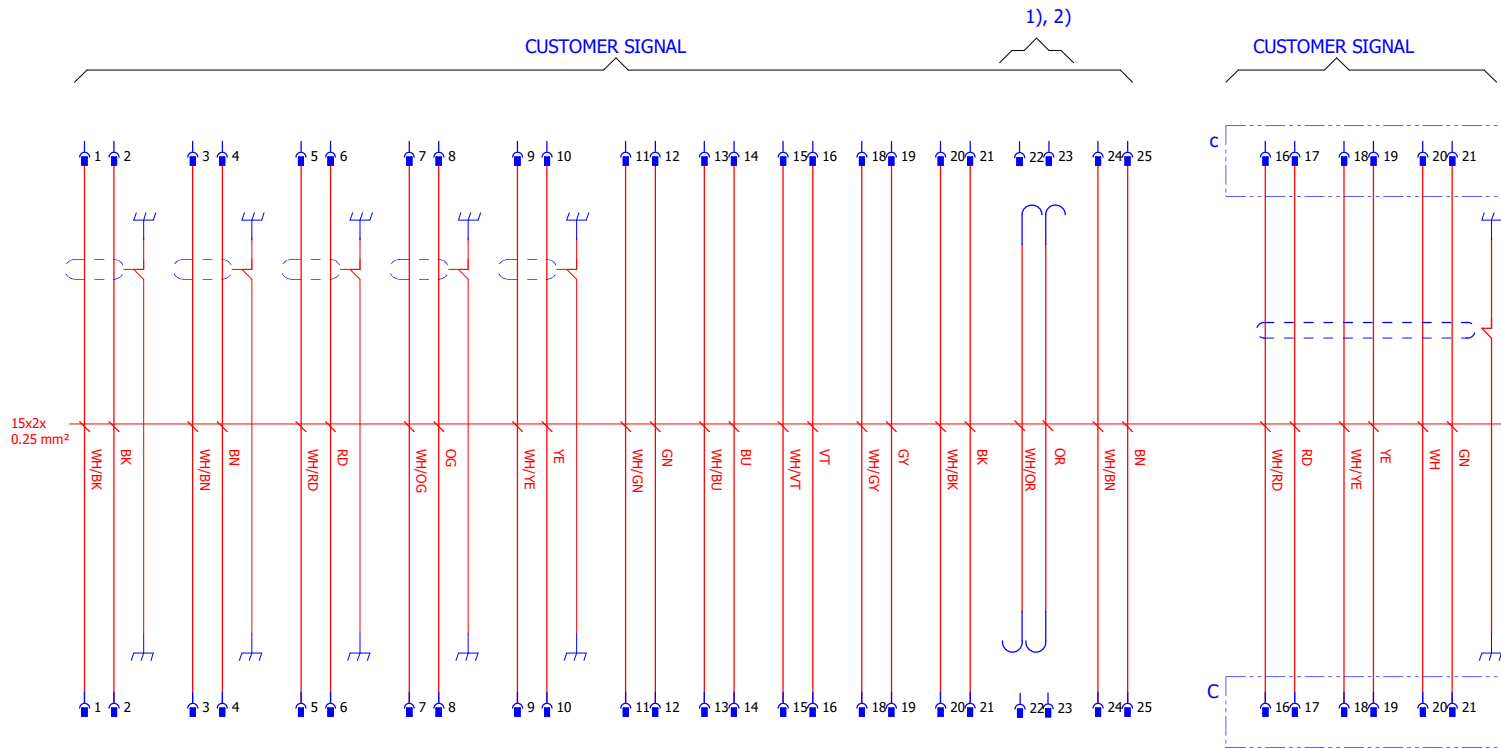
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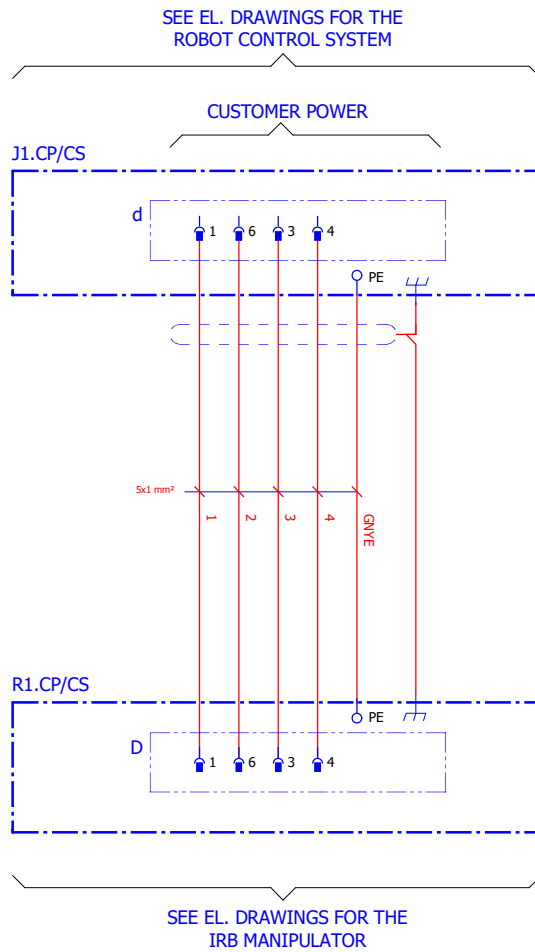
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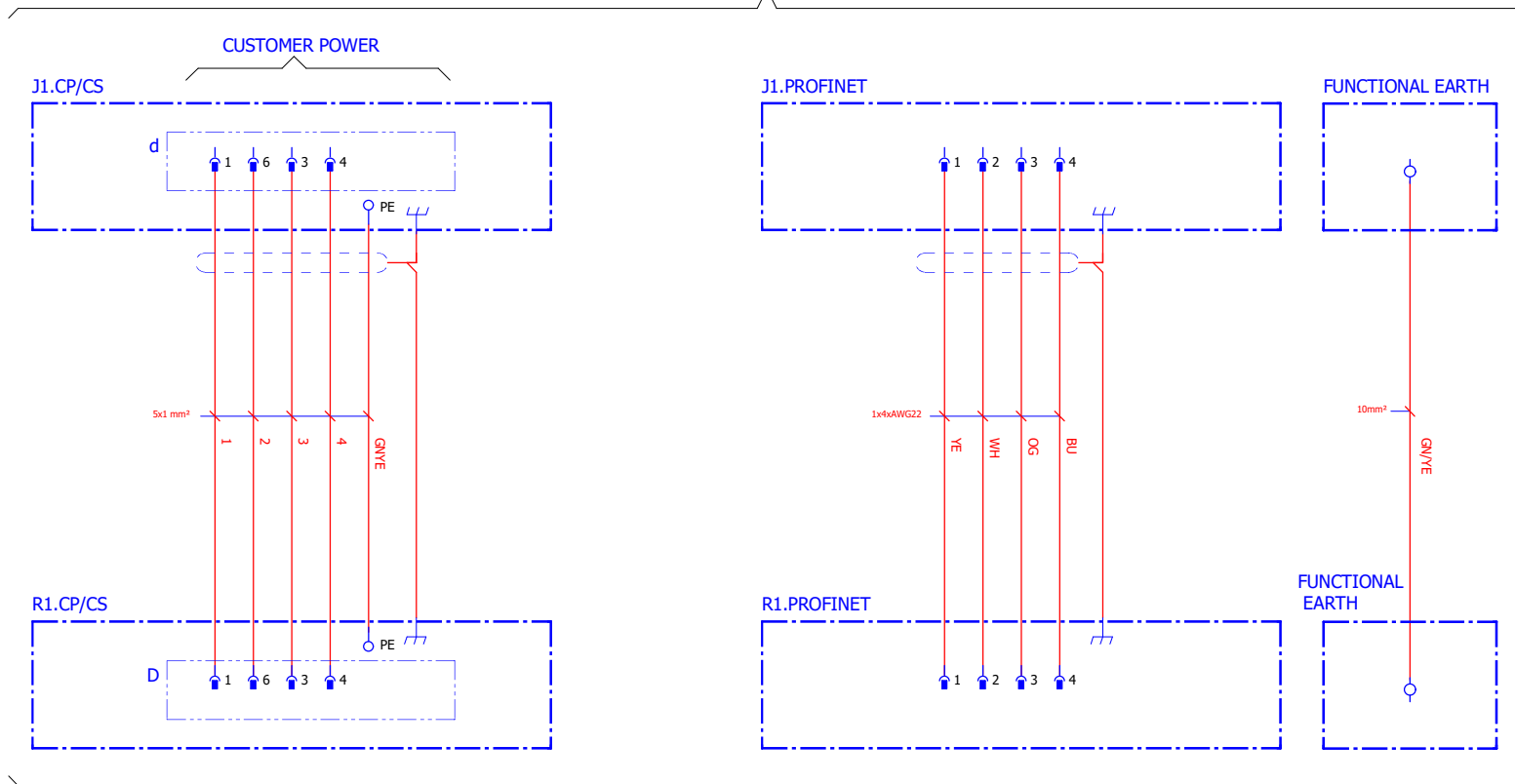


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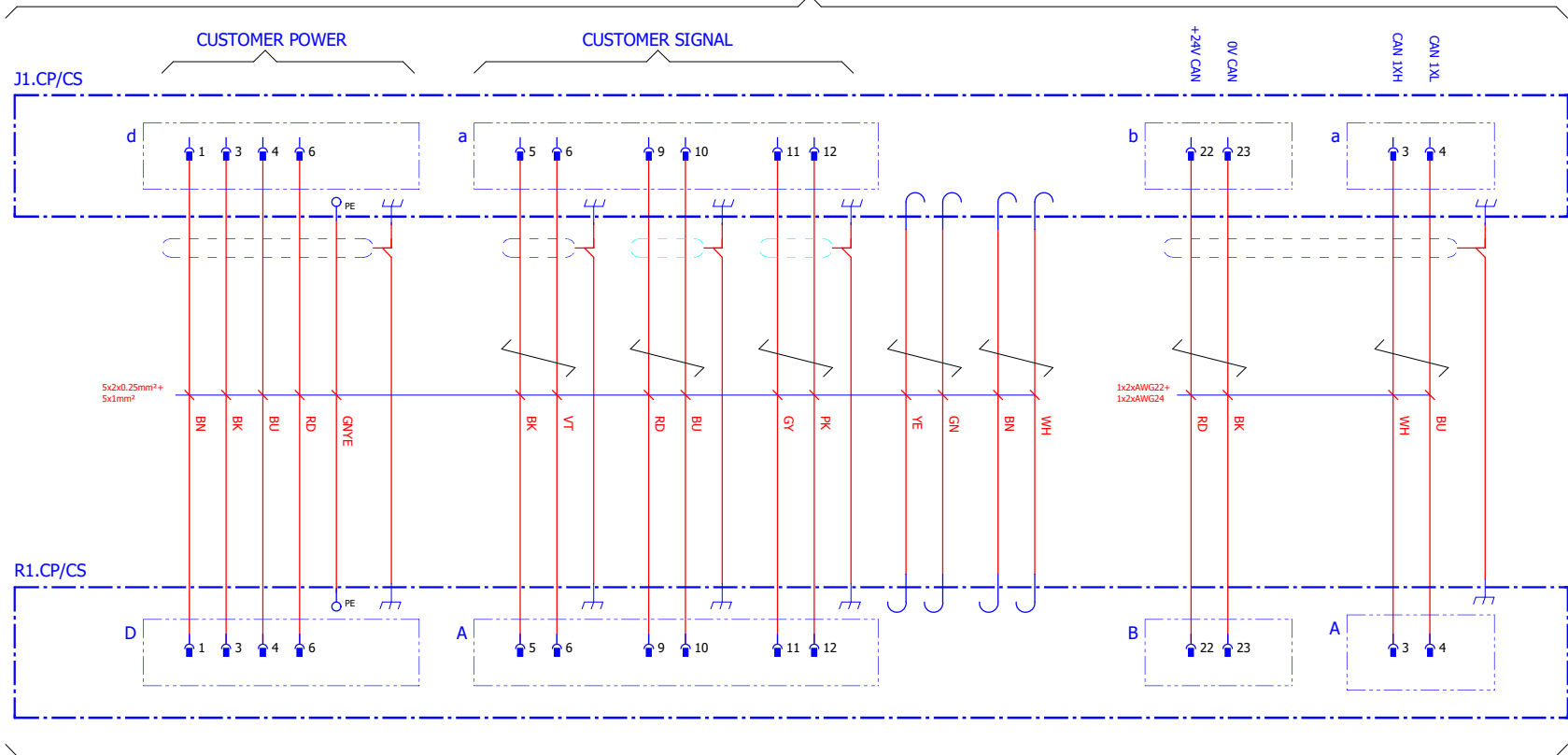
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