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SE-721 68 Västerås  
Sweden

Latest revision: ECO 105870 WI 241451 Pg 22(7): Functional earth added.		 Lab/Office: RARO SE RDM2	ROBOT CARRIER IRBT 4004/6004/7004 COPYRIGHT PAGE	Status: <b>APPROVED</b>	Plant: = Location: + Sublocation: +	Rev. Ind Page 1 <b>07</b> Next 2 Total 23
Prepared by, date: EM, 2018-08-15	Approved by, date: ML, 2018-08-21			Document no. <b>3HAC043574-001</b>		

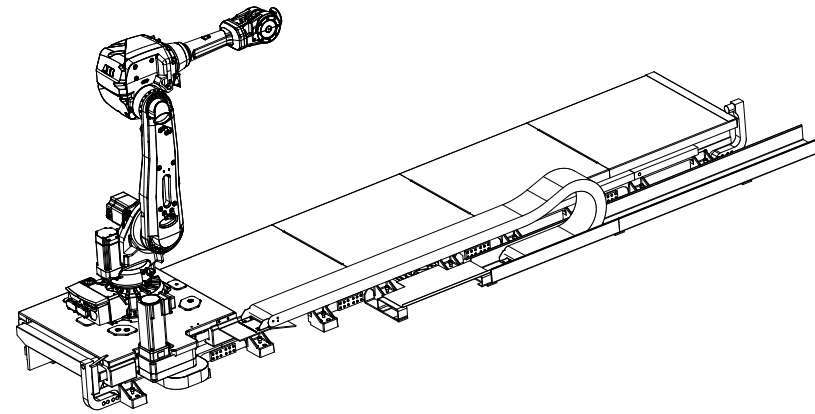
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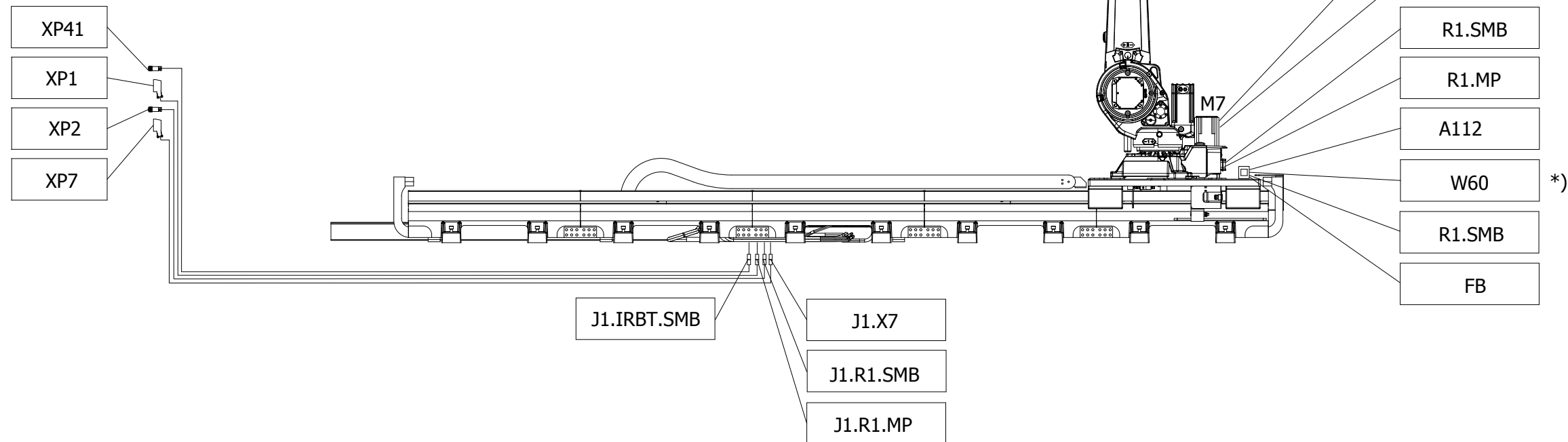


\*) SYSTEM CONFIGURATION

MOTOR No.	SMB NODE No.	UNIT
M7	7	IRBT SMB BOX A112



ON SINGLE CONTROLLER /  
DRIVE MODULE



Latest revision:  
ECO 105870 WI 241451  
Pg 22(7): Functional earth added.

Prepared by, date: EM, 2018-08-15 | Approved by, date: ML, 2018-08-21



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ROBOT CARRIER IRBT 4004/6004/7004  
BLOCK DIAGRAM  
IRBT SMB BOX CONNECTION

Status:  
**APPROVED**

Document no.  
**3HAC043574-001**

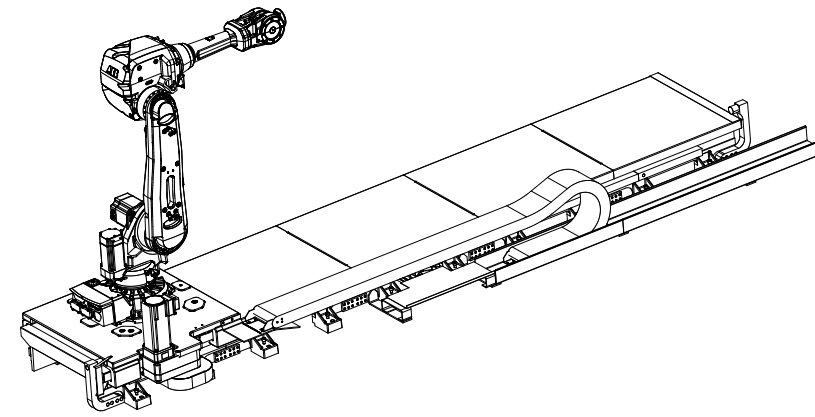
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Total 23

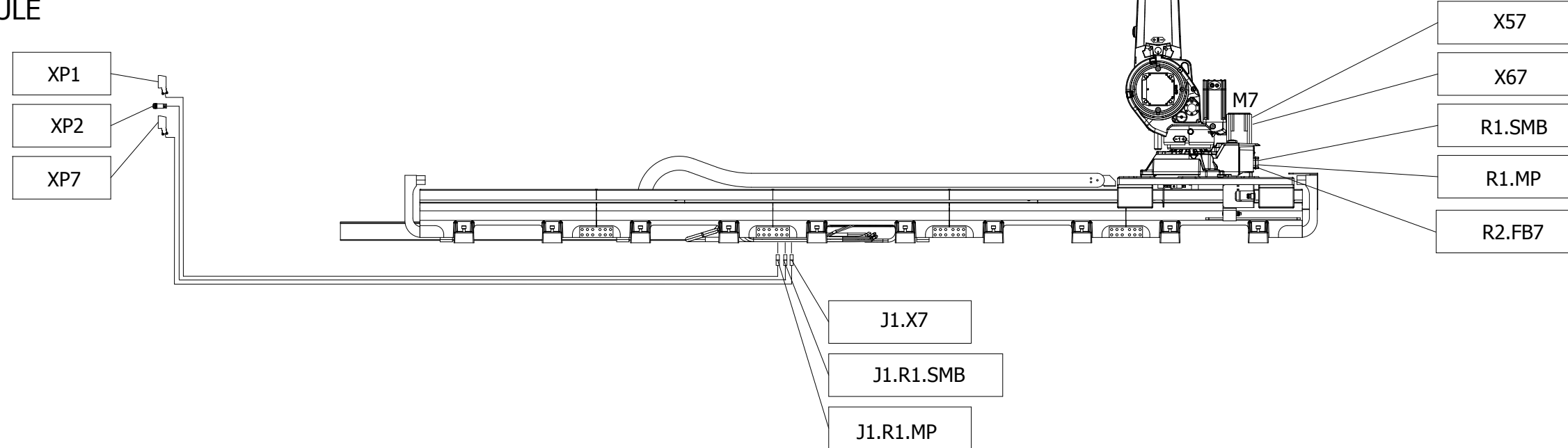
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\*) SYSTEM CONFIGURATION

MOTOR No.	SMB NODE No.	UNIT
M7	7	IRB



ON SINGLE CONTROLLER /  
DRIVE MODULE



Latest revision:  
ECO 105870 WI 241451  
Pg 22(7): Functional earth added.

Prepared by, date: EM, 2018-08-15

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ROBOT CARRIER IRBT 4004/6004/7004  
BLOCK DIAGRAM  
IRB SMB CONNECTION

Status:  
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Rev. Ind

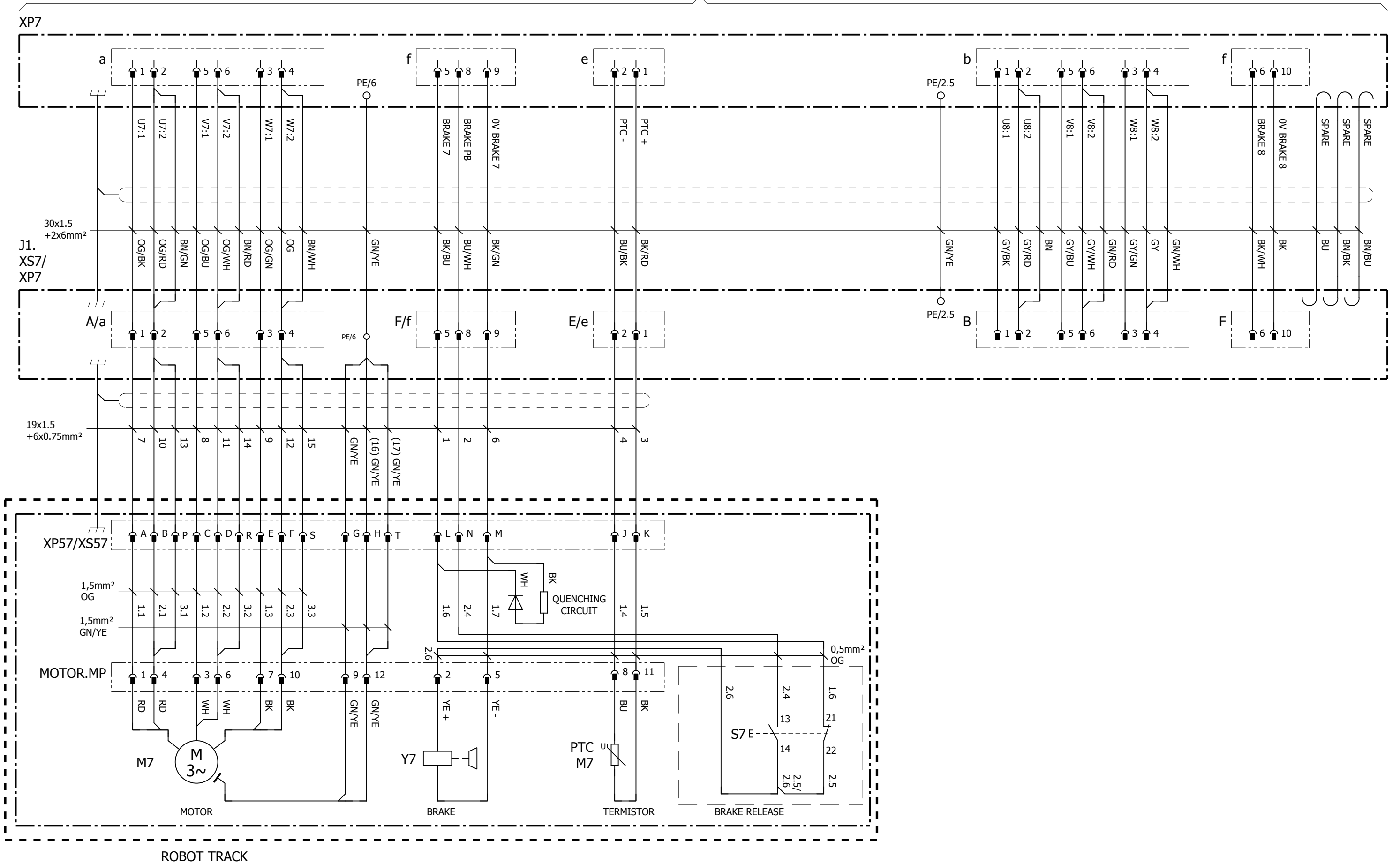
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ROBOT CONTROL SYSTEM



ROBOT TRACK

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ROBOT CARRIER IRBT 4004/6004/7004  
MOTOR IRBT, IRB2600/4400/4600/  
6xx0/7600

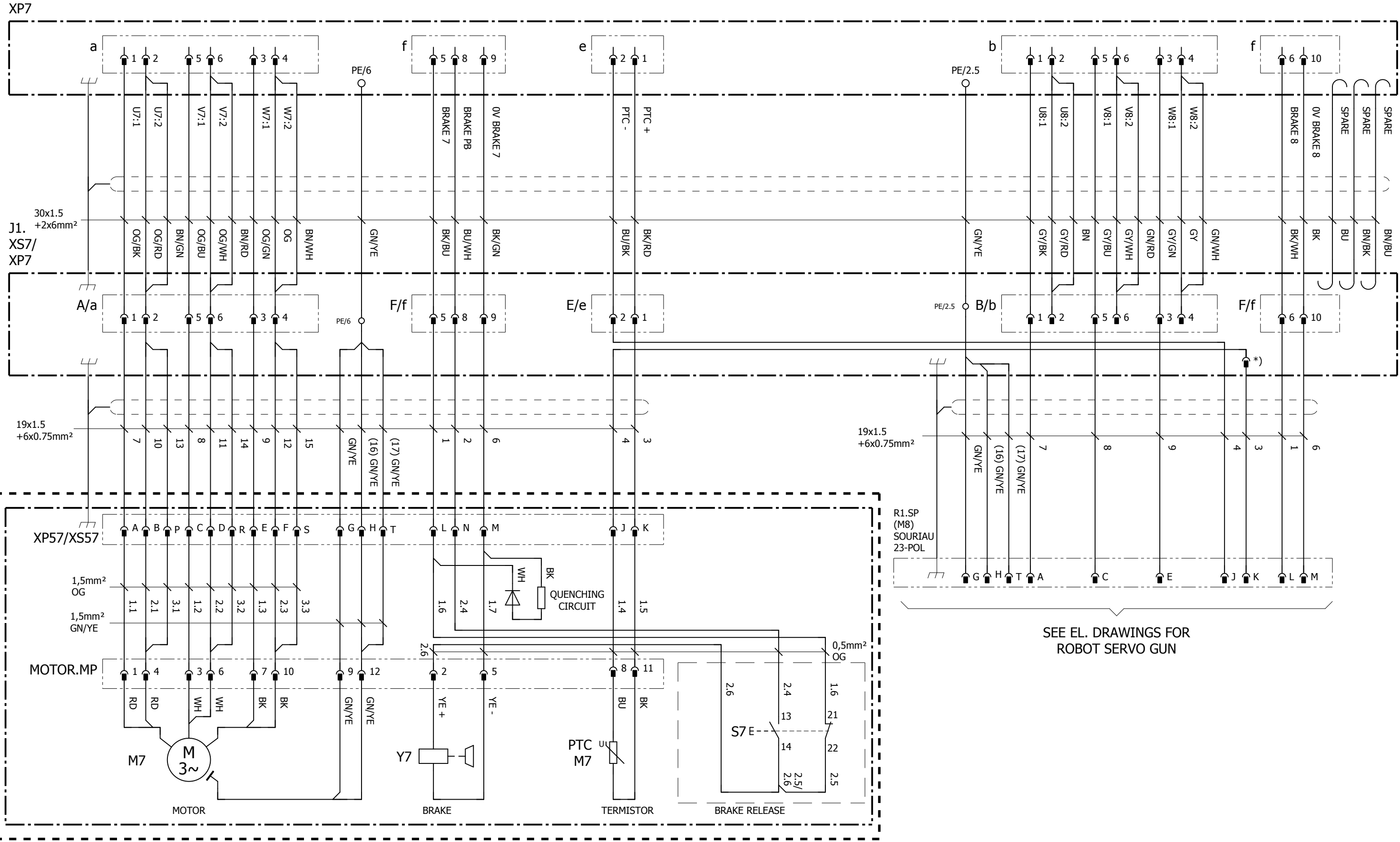
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ROBOT CONTROL SYSTEM



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ROBOT SERVO GUN

ROBOT TRACK

\*) 1-POL CONNECTOR

Latest revision:  
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Pg 22(7): Functional earth added.  
Prepared by, date: EM, 2018-08-15  
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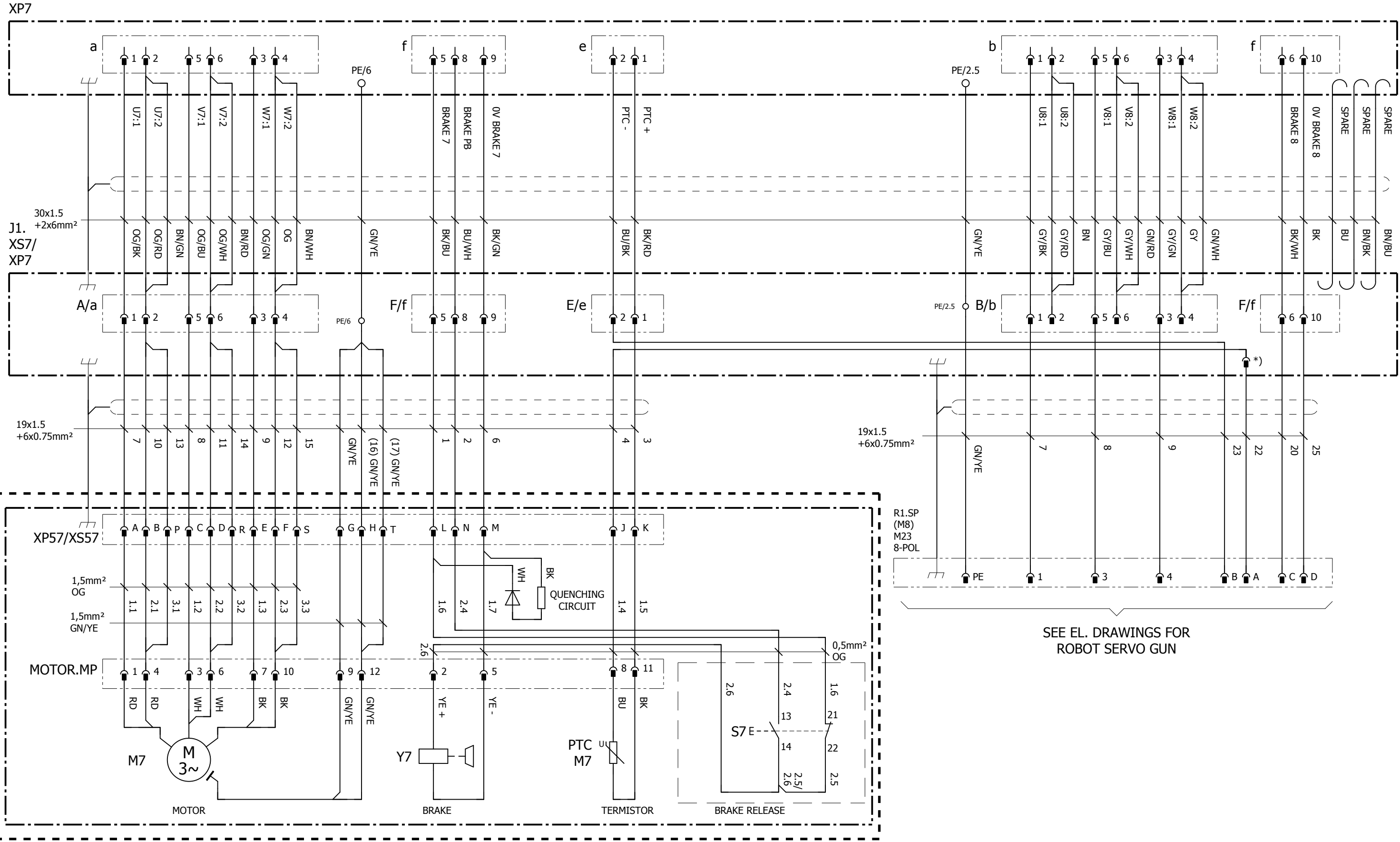
ROBOT CARRIER IRBT 4004/6004/7004  
MOTOR IRBT, OPTION SERVO GUN  
IRB6xx0/IRB7600

Status:  
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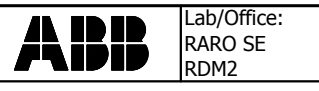


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ROBOT TRACK

\*) 1-POL CONNECTOR

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ROBOT CARRIER IRBT 4004/6004/7004  
MOTOR IRBT, OPTION SERVO GUN  
IRB6xx0/IRB7600

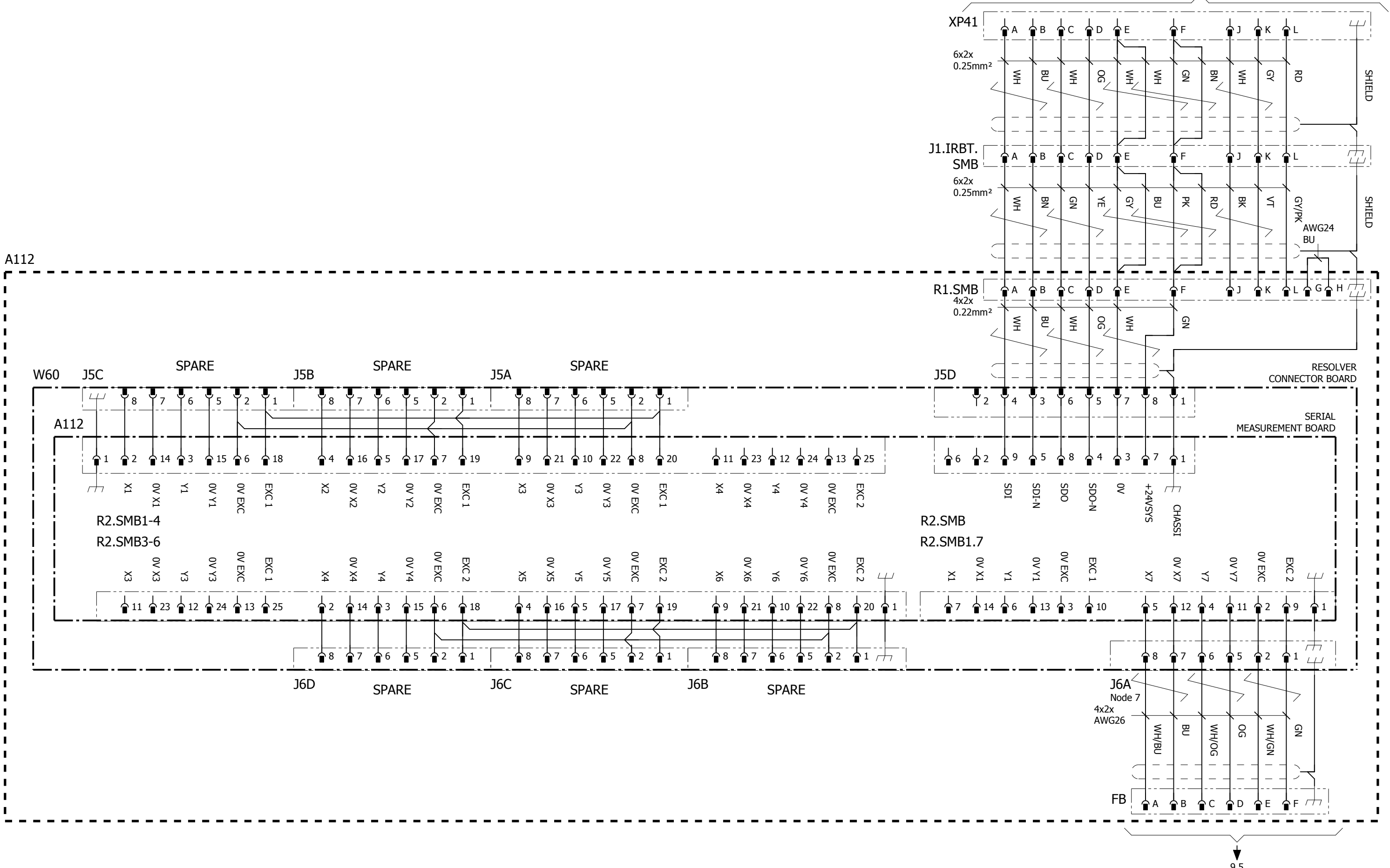
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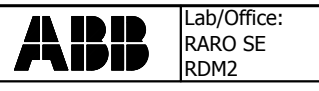
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9.5

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ROBOT CARRIER IRBT 4004/6004/7004  
IRBT SMB BOX CONNECTION,  
IRB2600/4400/4600/6xx0/7600

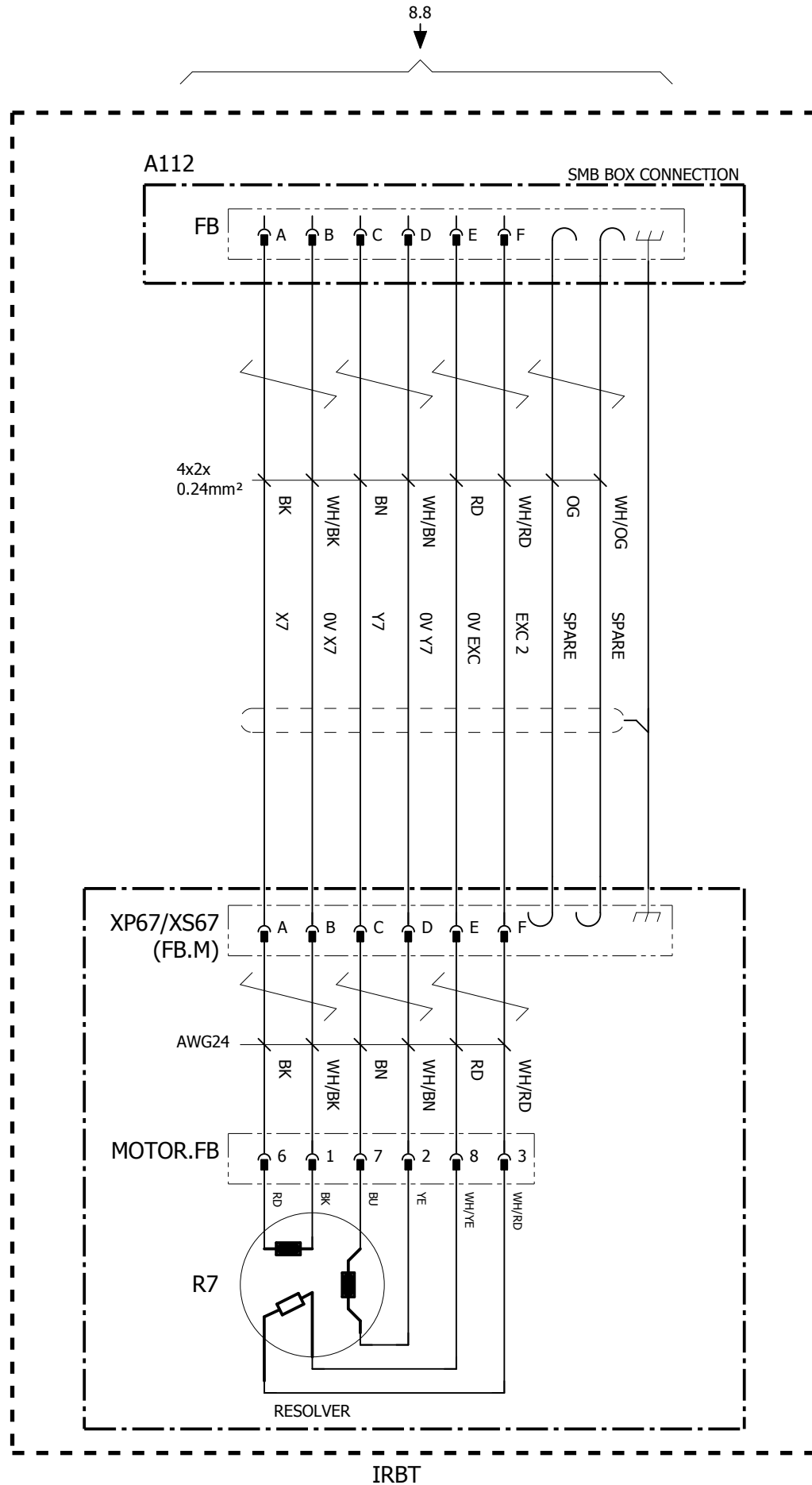
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Total 23

8.8



IRBT

Latest revision:  
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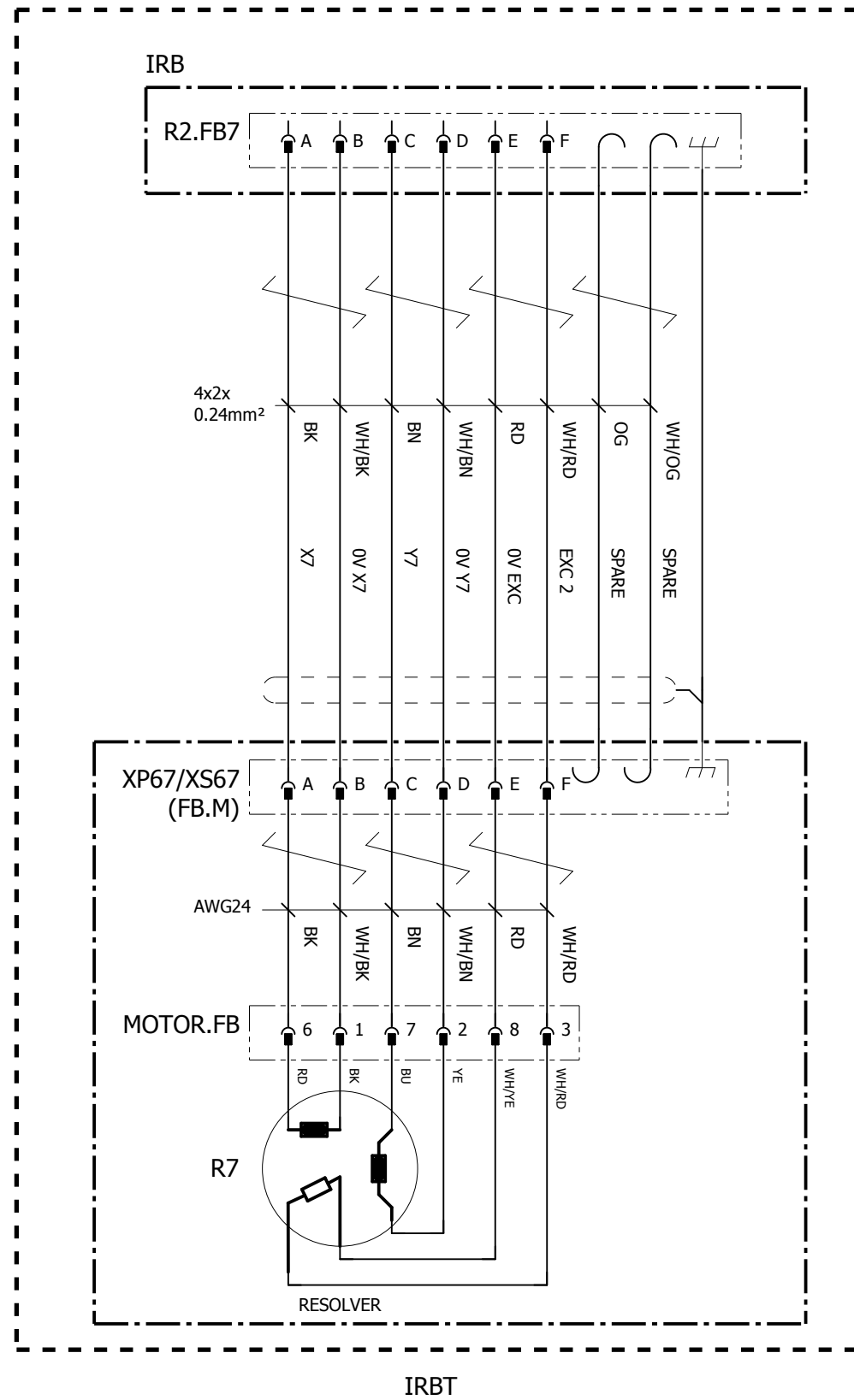
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 RESOLVER MOTOR IRBT, SMB BOX  
 CONN. IRB2600/4400/4600/6xx0/7600

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Prepared by, date: EM, 2018-08-15      Approved by, date: ML, 2018-08-21



Lab/Office:  
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RDM2

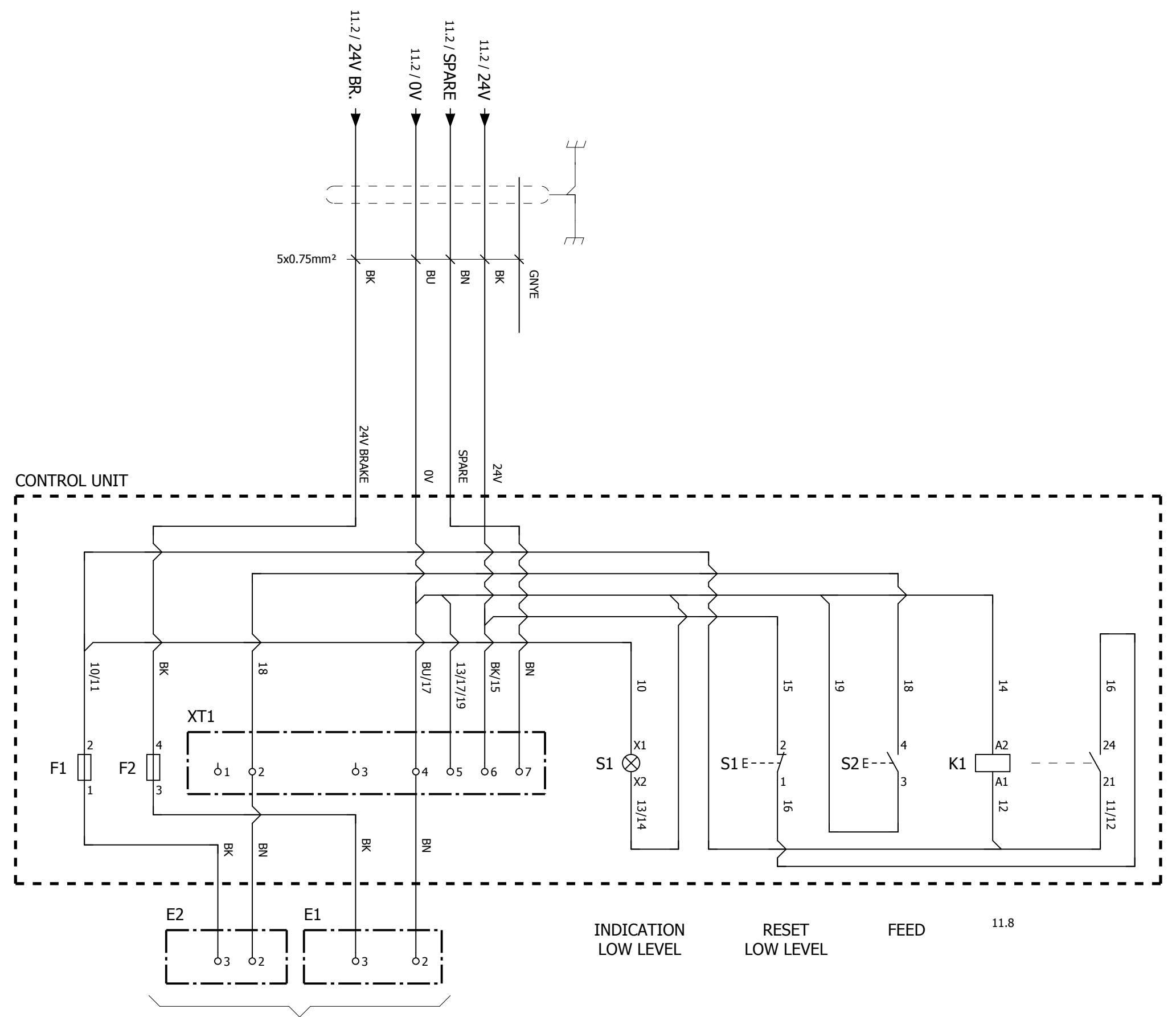
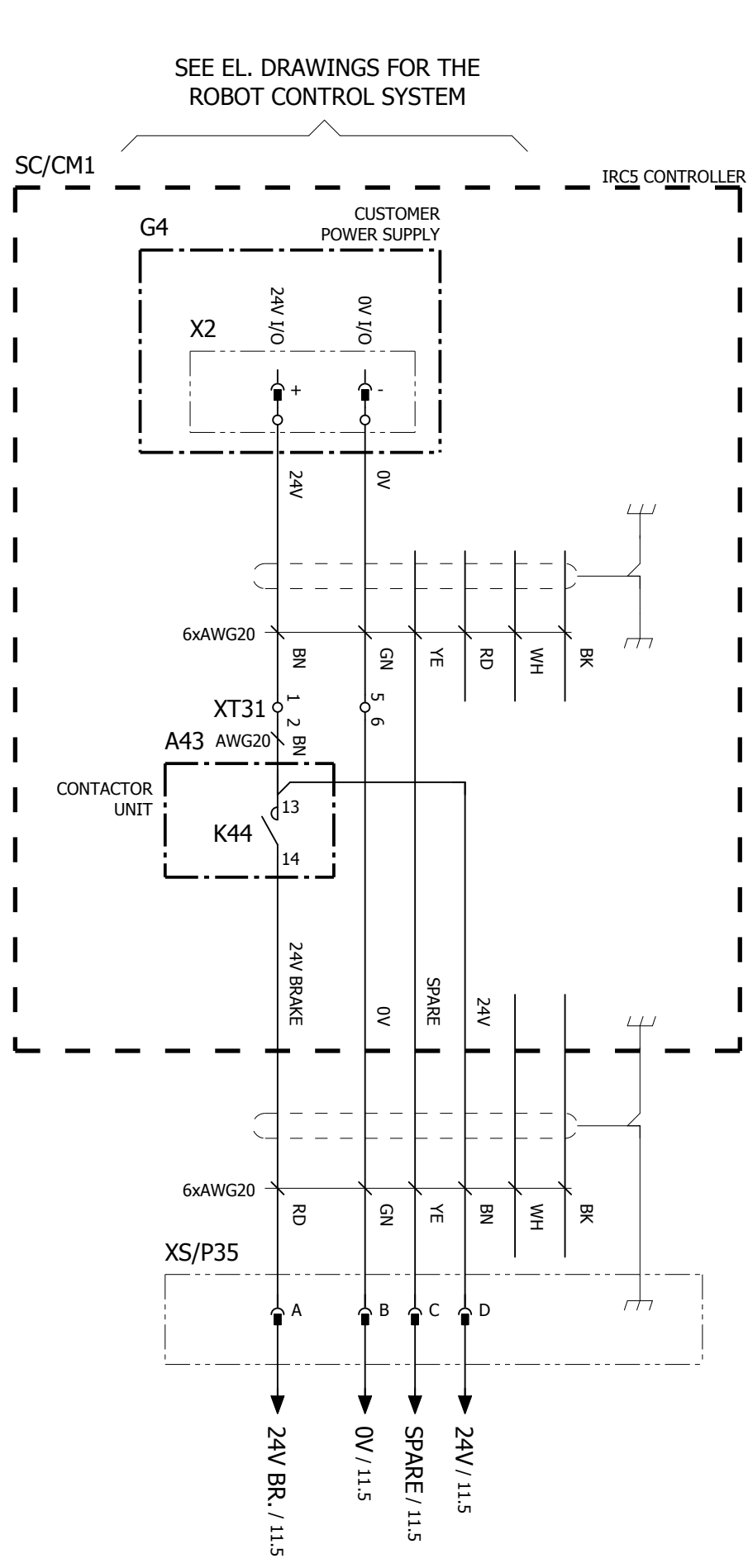
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RESOLVER MOTOR IRBT, IRB SMB  
CONN. IRB2600/4400/4600/6xx0/7600

Status:  
**APPROVED**

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Document no.  
**3HAC043574-001**

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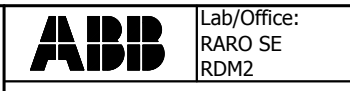


SEE EL. DRAWINGS FOR LUBRICATION PUMP UNIT

CONNECTED WITH AWG 20 BU, IF NO OTHER NOTATION

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ECO 105870 WI 241451  
Pg 22(7): Functional earth added.

Prepared by, date: EM, 2018-08-15  
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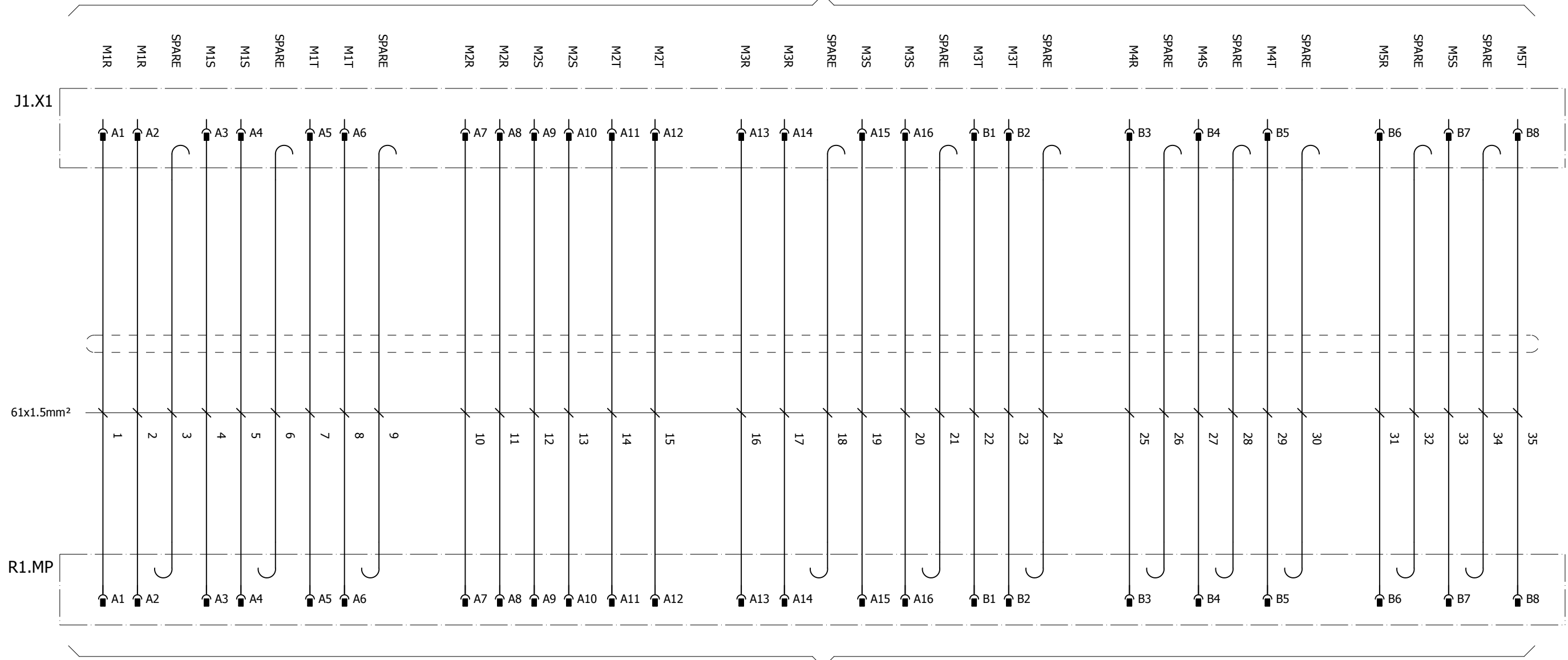


ROBOT CARRIER IRBT 4004/6004/7004  
OPTION LUBRICATION IRBT

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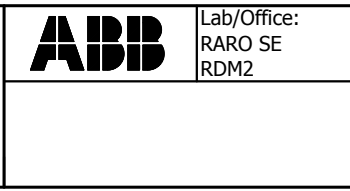


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MOTOR CABLE, IRB4400

Status: **APPROVED**

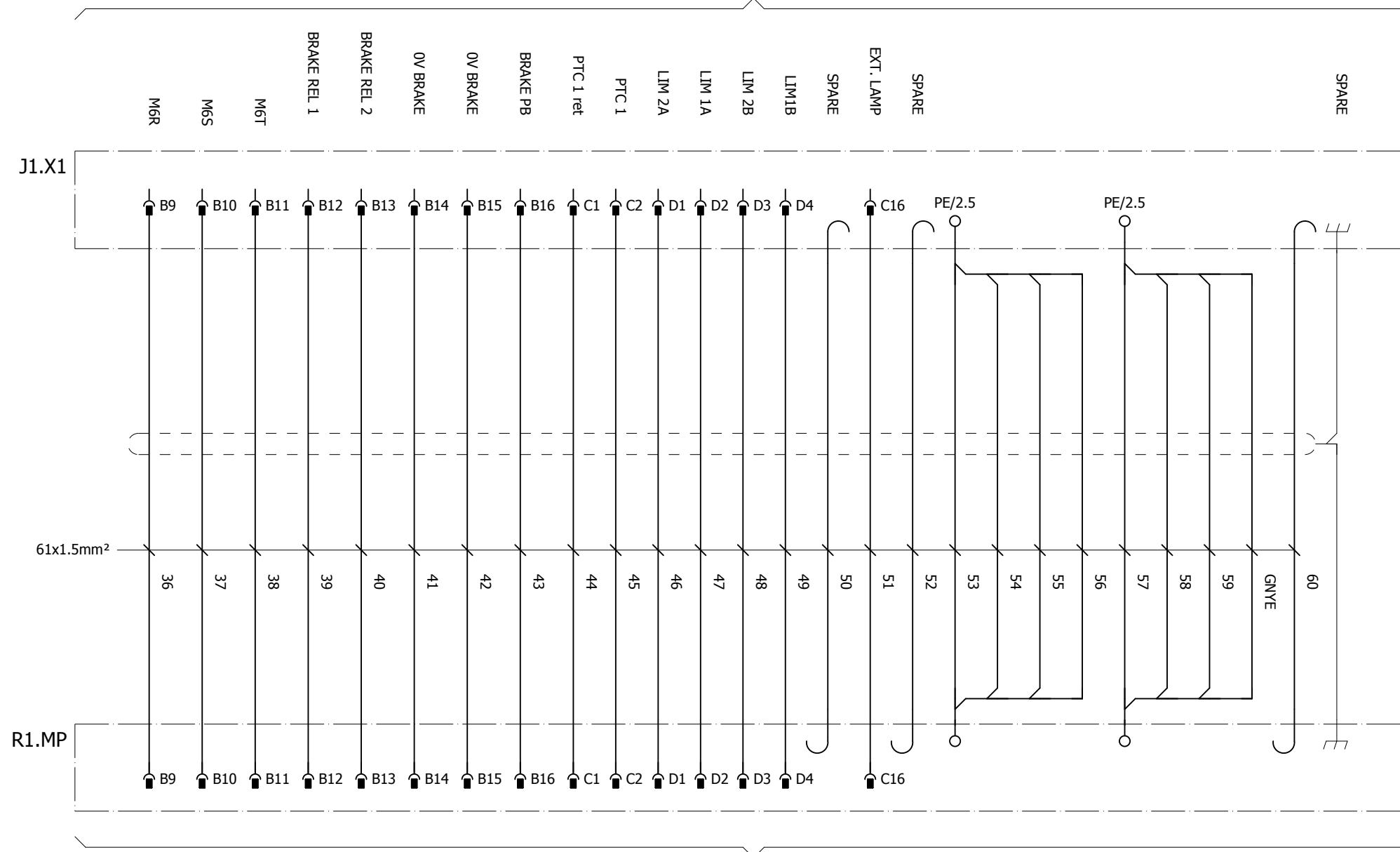
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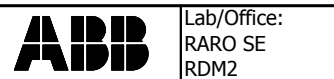


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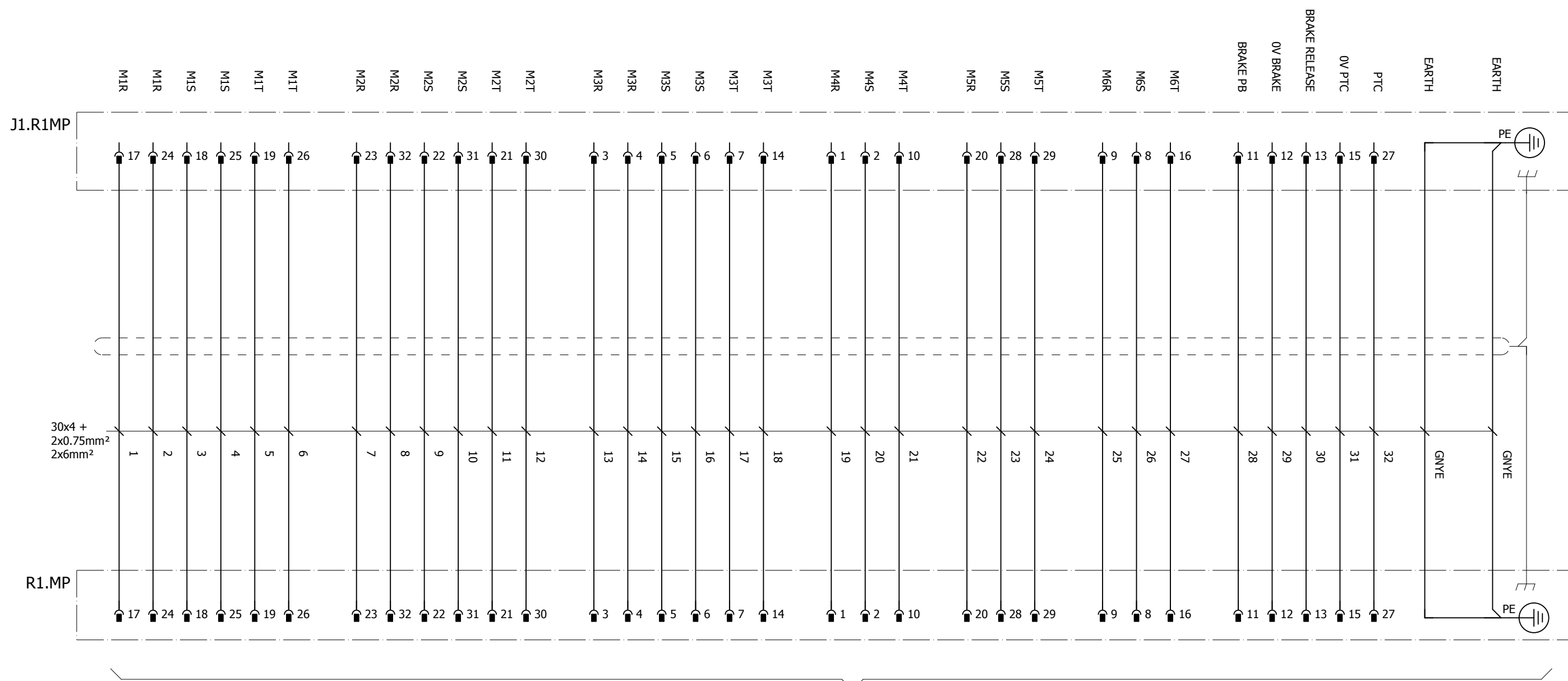


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MOTOR CABLE, IRB4400

Status: <b>APPROVED</b>	Plant: = Location: + Sublocation: +
Document no. <b>3HAC043574-001</b>	Rev. Ind <b>07</b>
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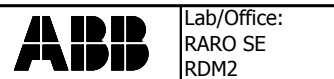
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ROBOT CARRIER IRBT 4004/6004/7004  
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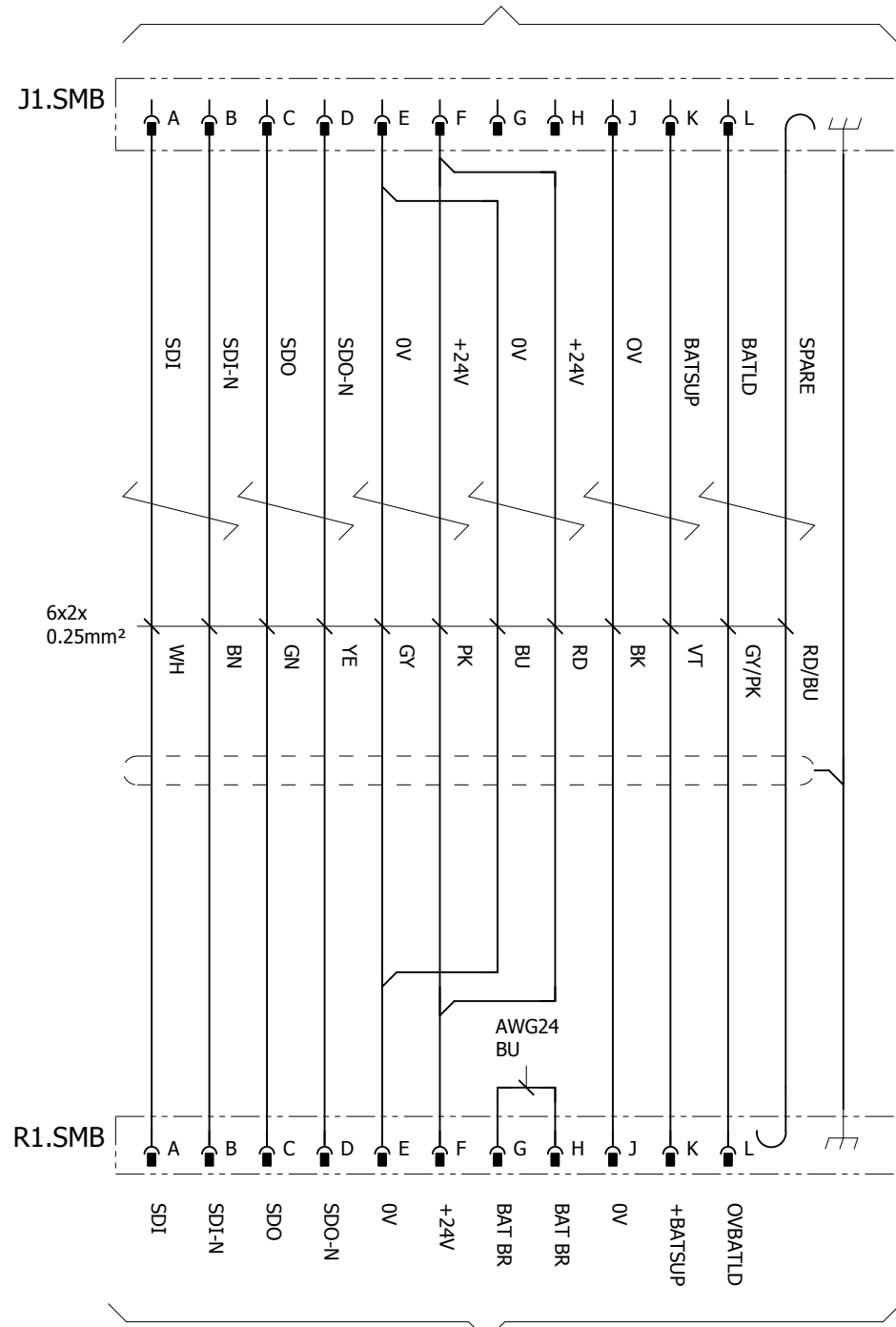
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ROBOT CARRIER IRBT 4004/6004/7004  
 RESOLVER CABLE, IRB2600/4400/4600/  
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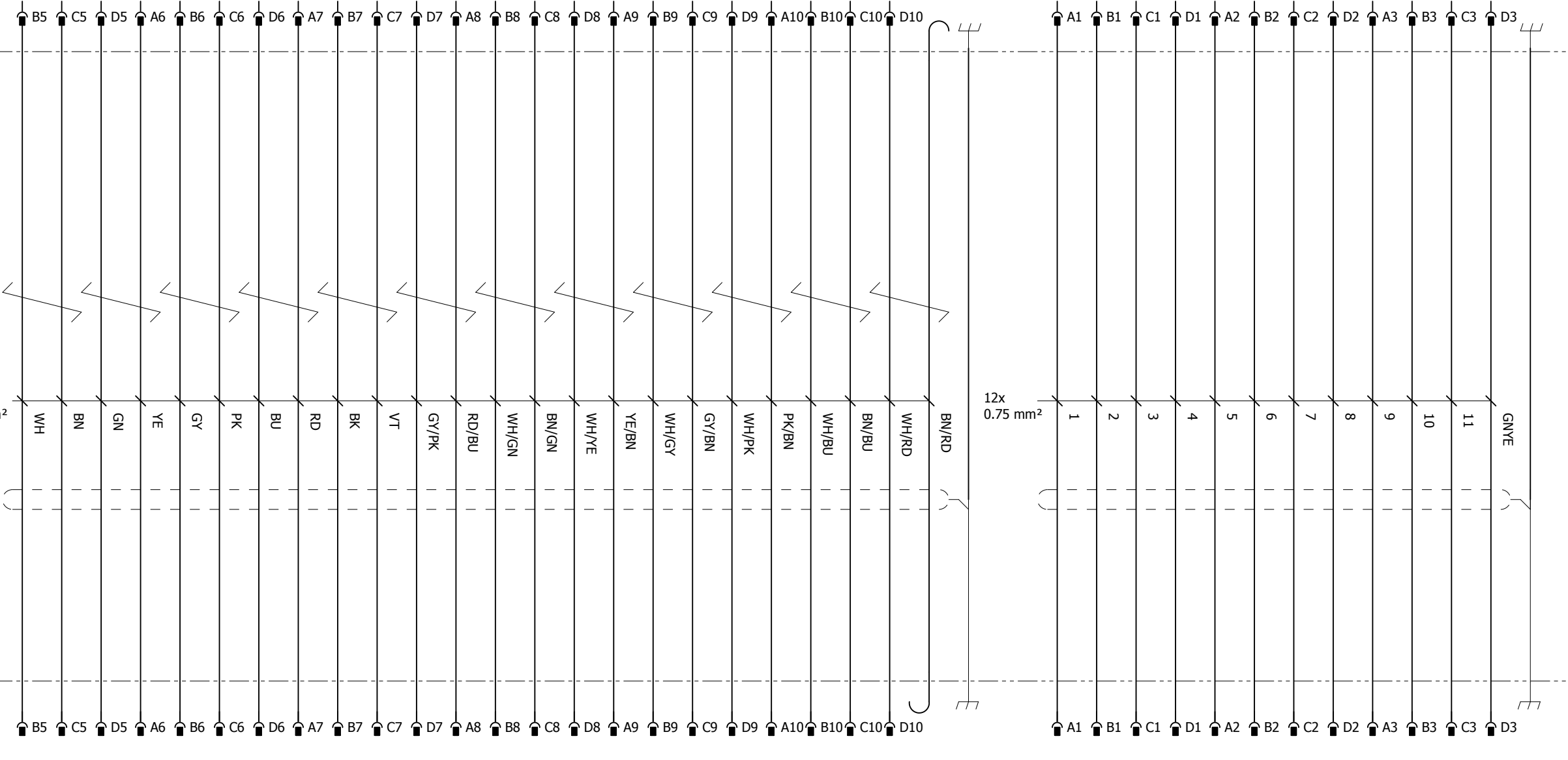
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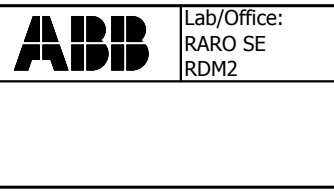
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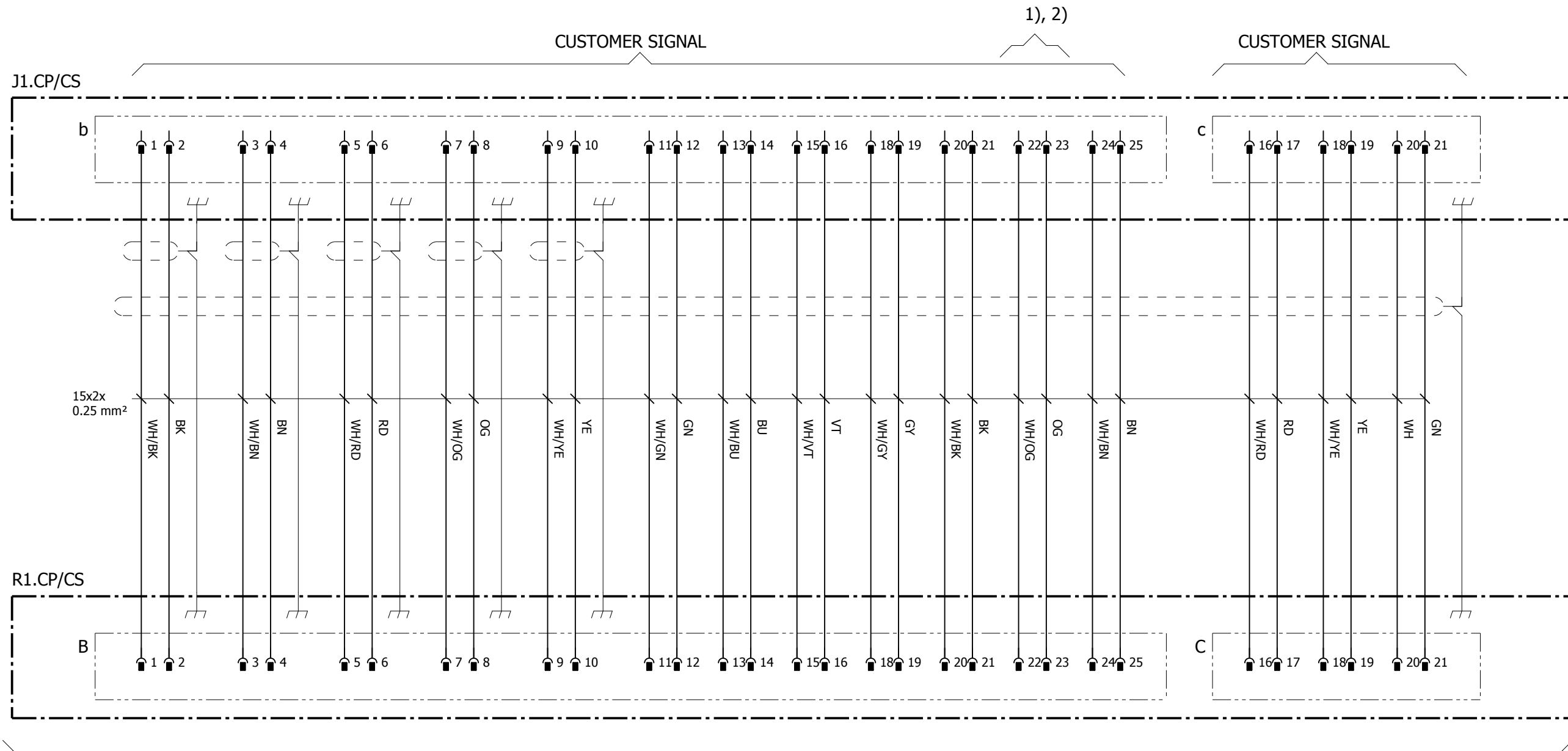
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OPTION CUSTOMER POWER/SIGNAL,  
IRB4400

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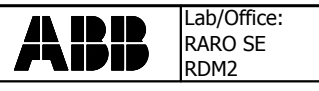


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IRB MANIPULATOR

- 1) Part OG, WH/OG not connected to b/B.22,23 when Opt. DeviceNet, see sh. 18.
- 2) Part WH/OG not connected to b/B.22 when Opt. Interbus, see sh. 19.

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ROBOT CARRIER IRBT 4004/6004/7004  
OPTION CUSTOMER POWER/SIGNAL,  
IRB2600/4600/6xx0/7600

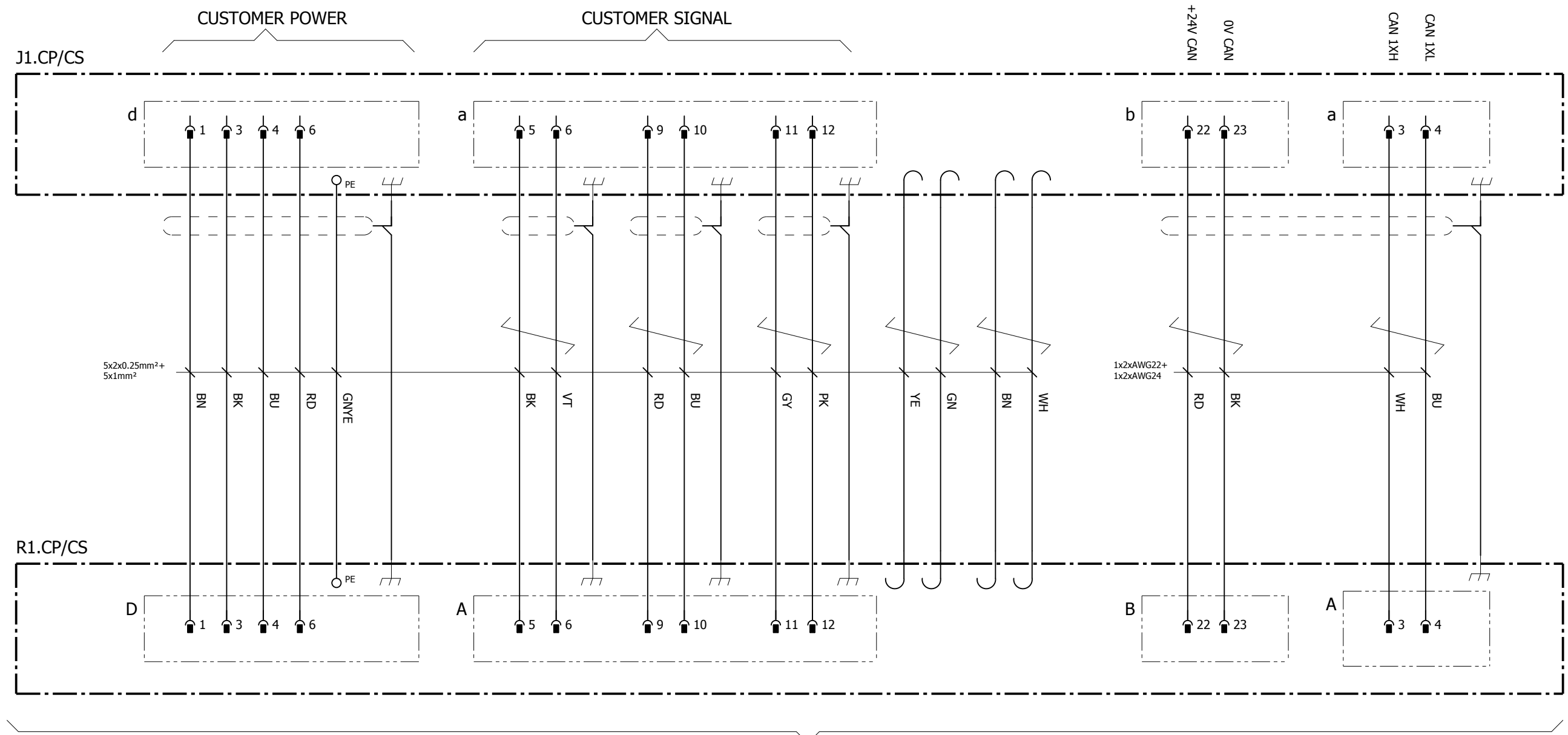
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ROBOT CARRIER IRBT 4004/6004/7004  
OPTION CUSTOMER POWER/SIGNAL  
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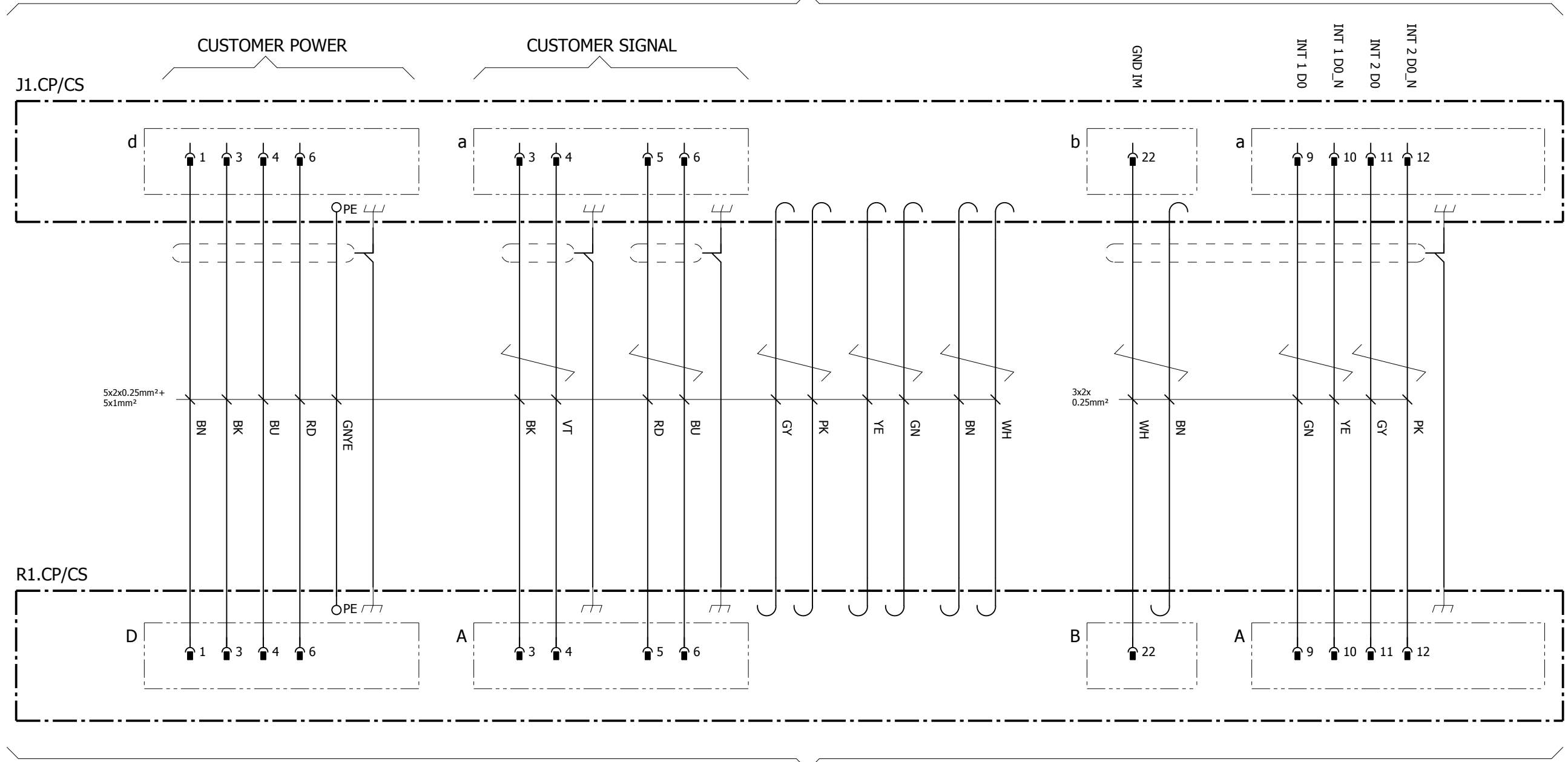
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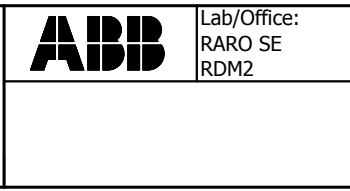


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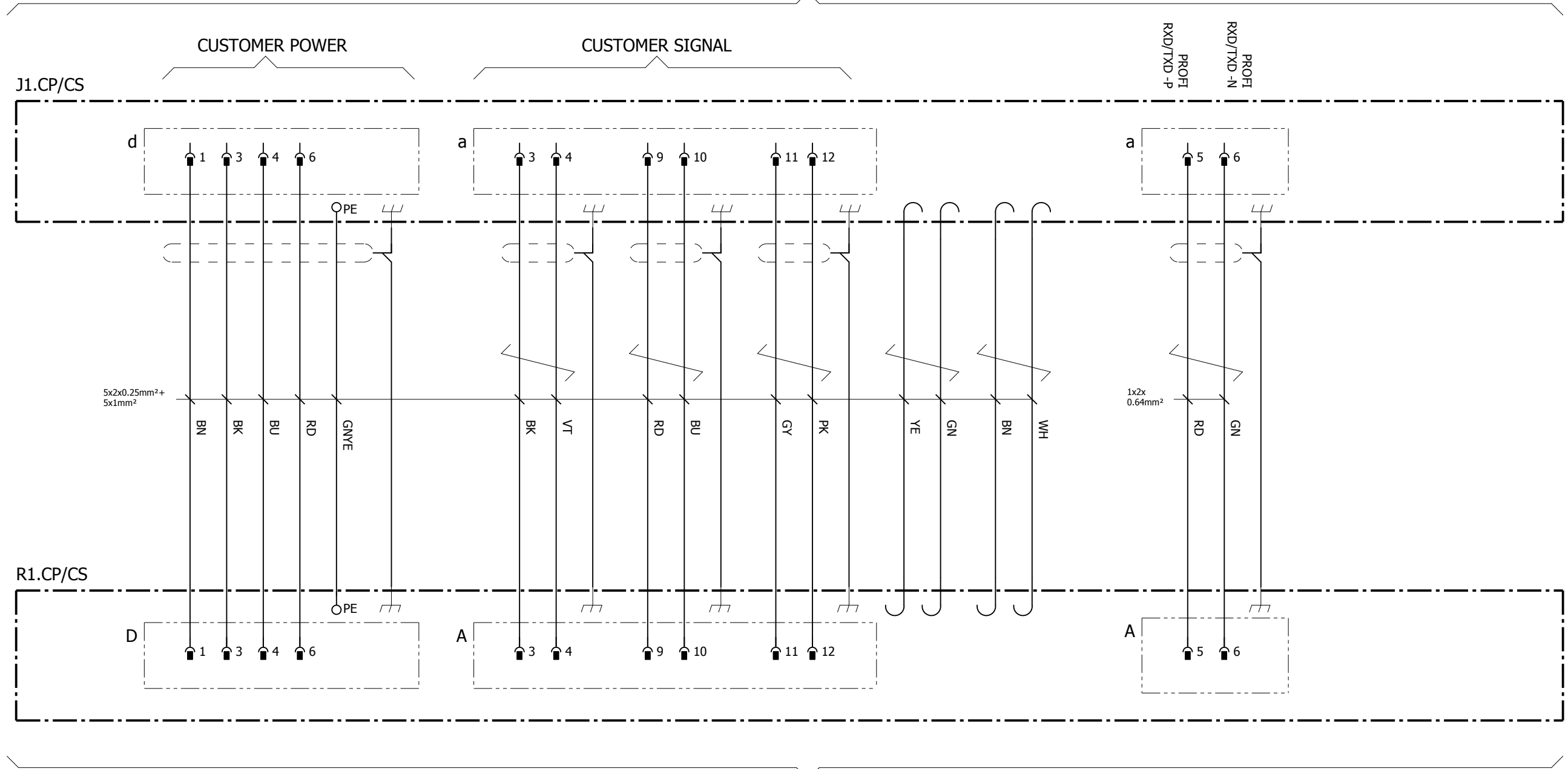
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OPTION CUSTOMER POWER/SIGNAL  
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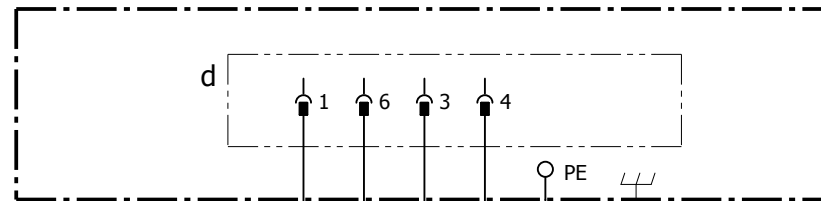
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CUSTOMER POWER

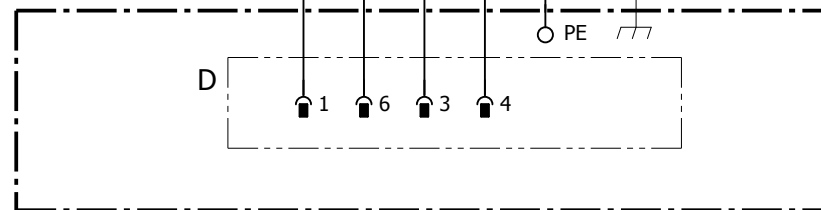
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5x1 mm<sup>2</sup>

1 2 3 4 GND

R1.CP/CS



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ROBOT CARRIER IRBT 4004/6004/7004  
OPTION CUSTOMER POWER/SIGNAL  
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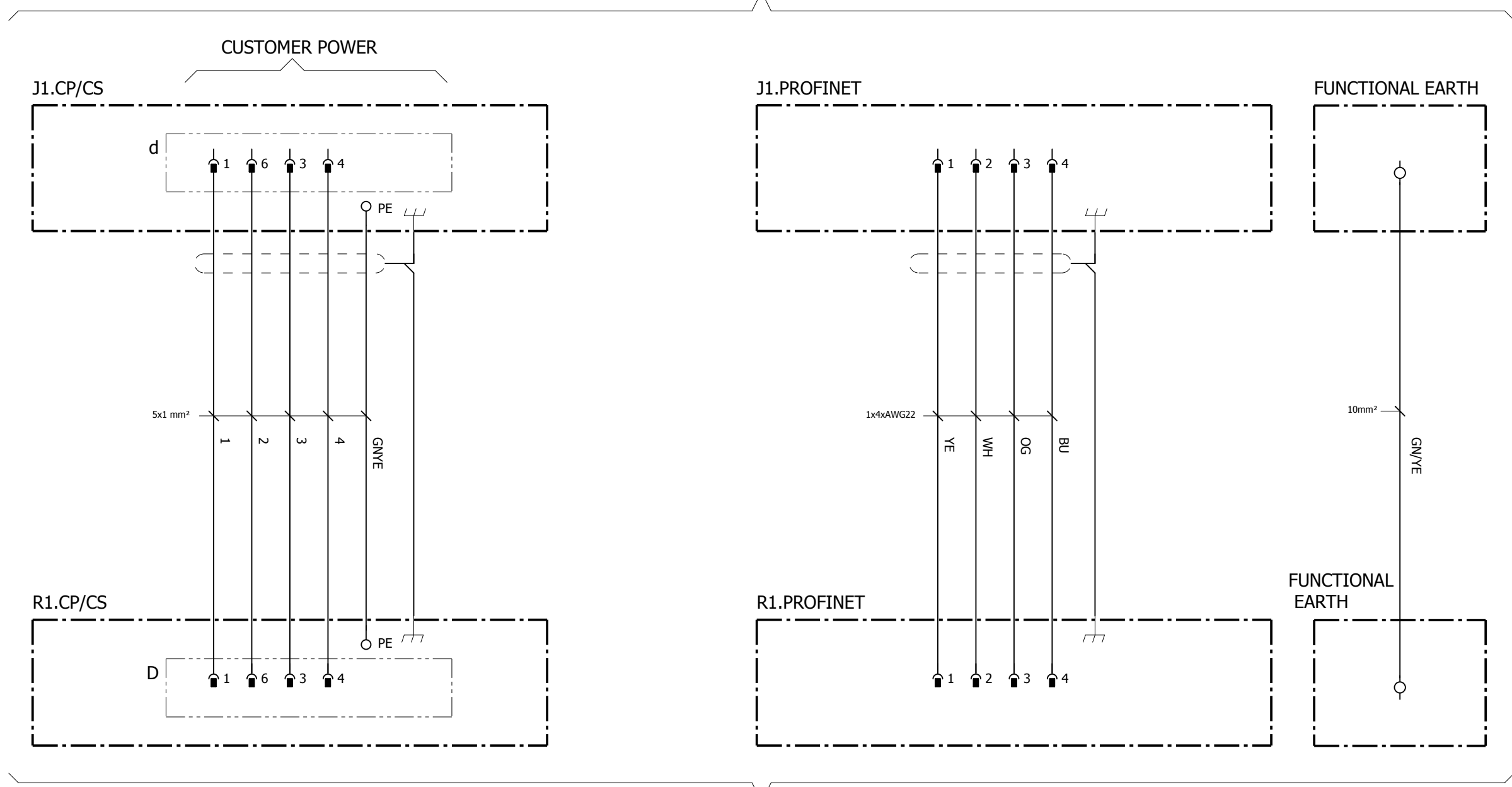
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ROBOT CARRIER IRBT 4004/6004/7004  
OPTION CUSTOMER POWER/SIGNAL  
PROFINET, IRB2600/4600/6xx0/7600

Status: APPROVED  
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