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ABB AB

SE-721 68 Västerås Sweden

Latest revision:

ECO50000070069 WI52987 XT31 add. at sh.11/Length in Yard 0,273 removed sh19, 20 col. 6 IRC5 exchaged with Robot control system.

Prepared by, date: TS, 2015-03-09 Approved by, date: AD, 2015-03-09 ABB

Lab/Office: DMRO/PRMP

ROBOT CARRIER IRBT 4004/6004/7004 Status: **COPYRIGHT PAGE**

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Plant: Location:

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3HAC043574-001



Description : ROBOT CARRIER IRBT 4004/6004/7004

Drawing number : 3HAC043574-001

Drawing version : 03

Date : 2015-03-09

Customer

Year of construction

:

:

Drawn by

: [

Number of pages

: DMRO/PRMP : 23

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Lab/Office: DMRO/PRMP ROBOT CARRIER IRBT 4004/6004/7004 Status:

TITLE PAGE

Status: APPROVED

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3	TABLE OF CONTENTS	2015-03-02	DMRO/PRMP	01
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5	BLOCK DIAGRAM IRB SMB CONNECTION	2013-02-20	DMRO/PRMP	
6	MOTOR IRBT, IRB2600/4400/4600/ 66x0/7600	2015-03-02	DMRO/PRMP	02
7	MOTOR IRBT, OPTION SERVO GUN IRB66x0/IRB7600	2015-03-02	DMRO/PRMP	02
7.b	MOTOR IRBT, OPTION SERVO GUN IRB66x0/IRB7600	2015-03-02	DMRO/PRMP	02
8	IRBT SMB BOX CONNECTION, IRB2600/4400/4600/66x0/7600	2015-03-02	DMRO/PRMP	01
9	RESOLVER MOTOR IRBT, SMB BOX CONN. IRB2600/4400/4600/66x0/7600	2015-03-02	DMRO/PRMP	01
10	RESOLVER MOTOR IRBT, IRB SMB CONN. IRB2600/4400/4600/66x0/7600	2015-03-02	DMRO/PRMP	01
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19	OPTION CUSTOMER POWER/SIGNAL INTERBUS, IRB 66x0/7600	2015-03-02	DMRO/PRMP	03
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22	OPTION CUSTOMER POWER/SIGNAL PROFINET, IRB2600/4600/66x0/7600	2015-03-02	DMRO/PRMP	

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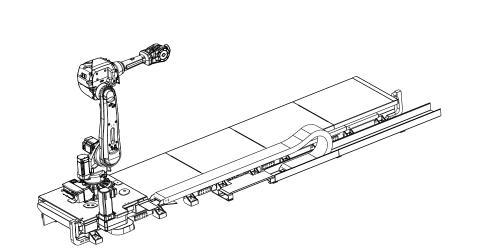
ROBOT CARRIER IRBT 4004/6004/7004 Status: TABLE OF CONTENTS

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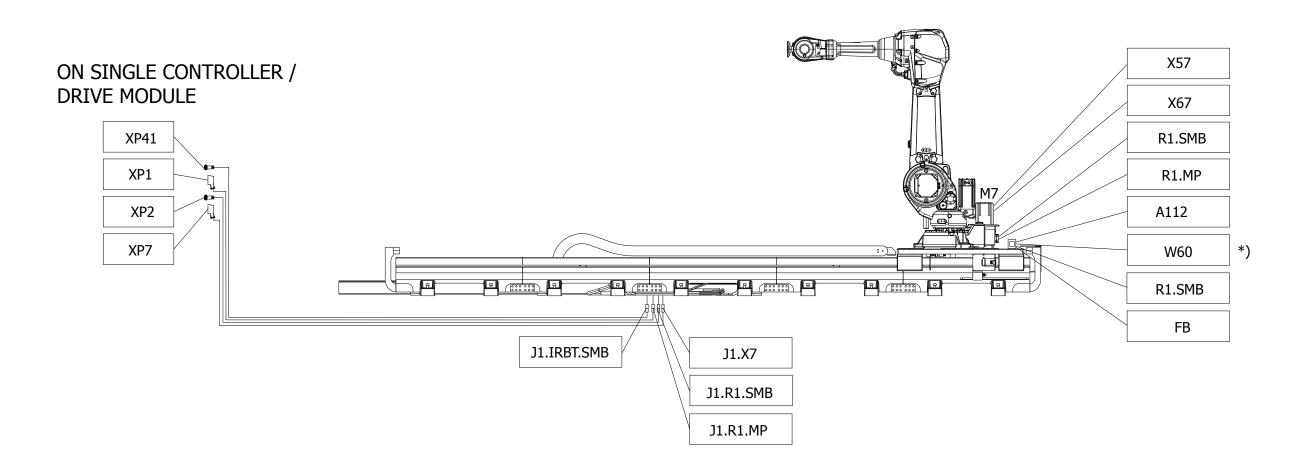
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*) SYSTEM CONFIGURATION

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



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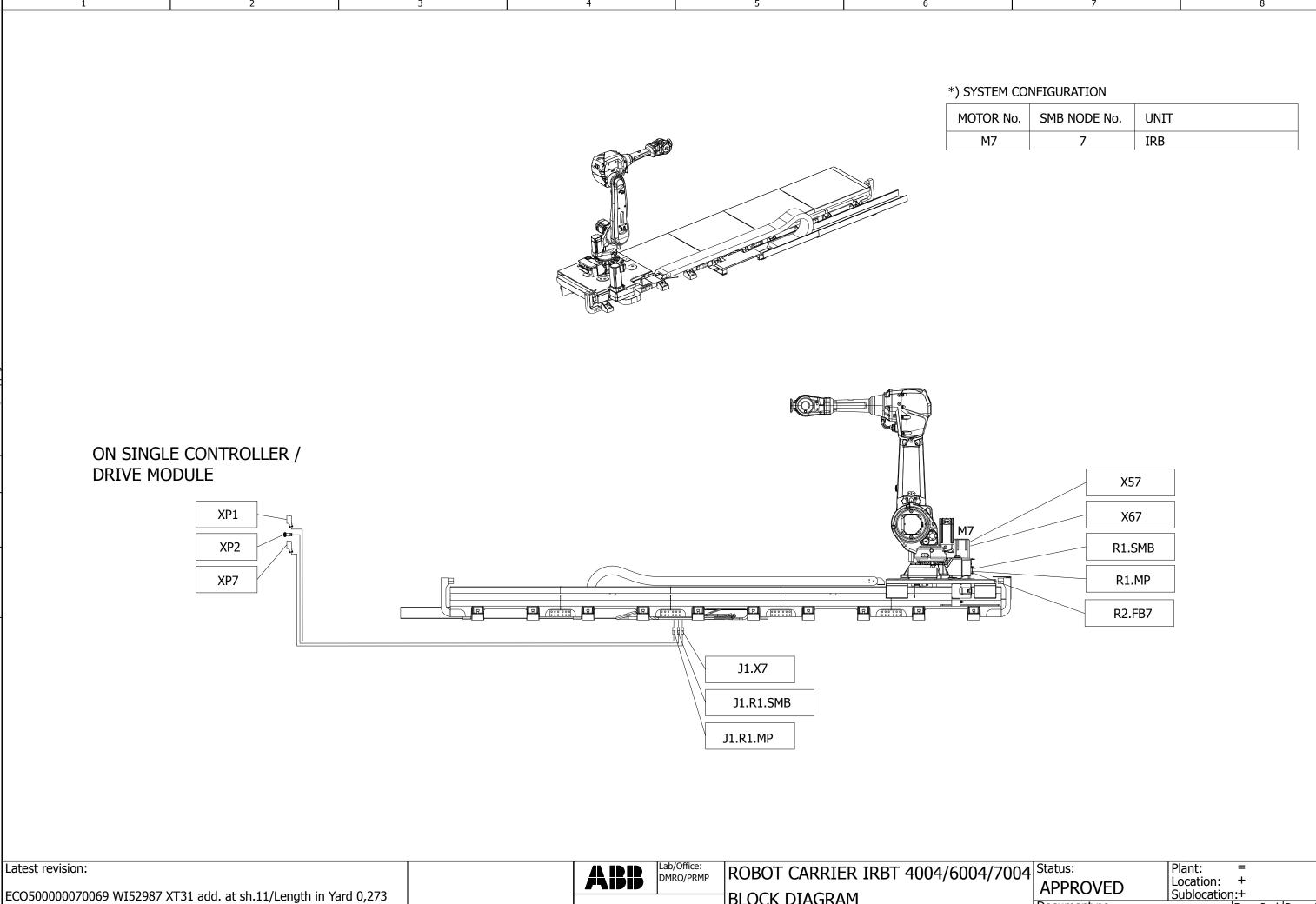
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BLOCK DIAGRAM
IRBT SMB BOX CONNECTION

1 Status: APPROVED Plant: = Location: + Sublocation:+

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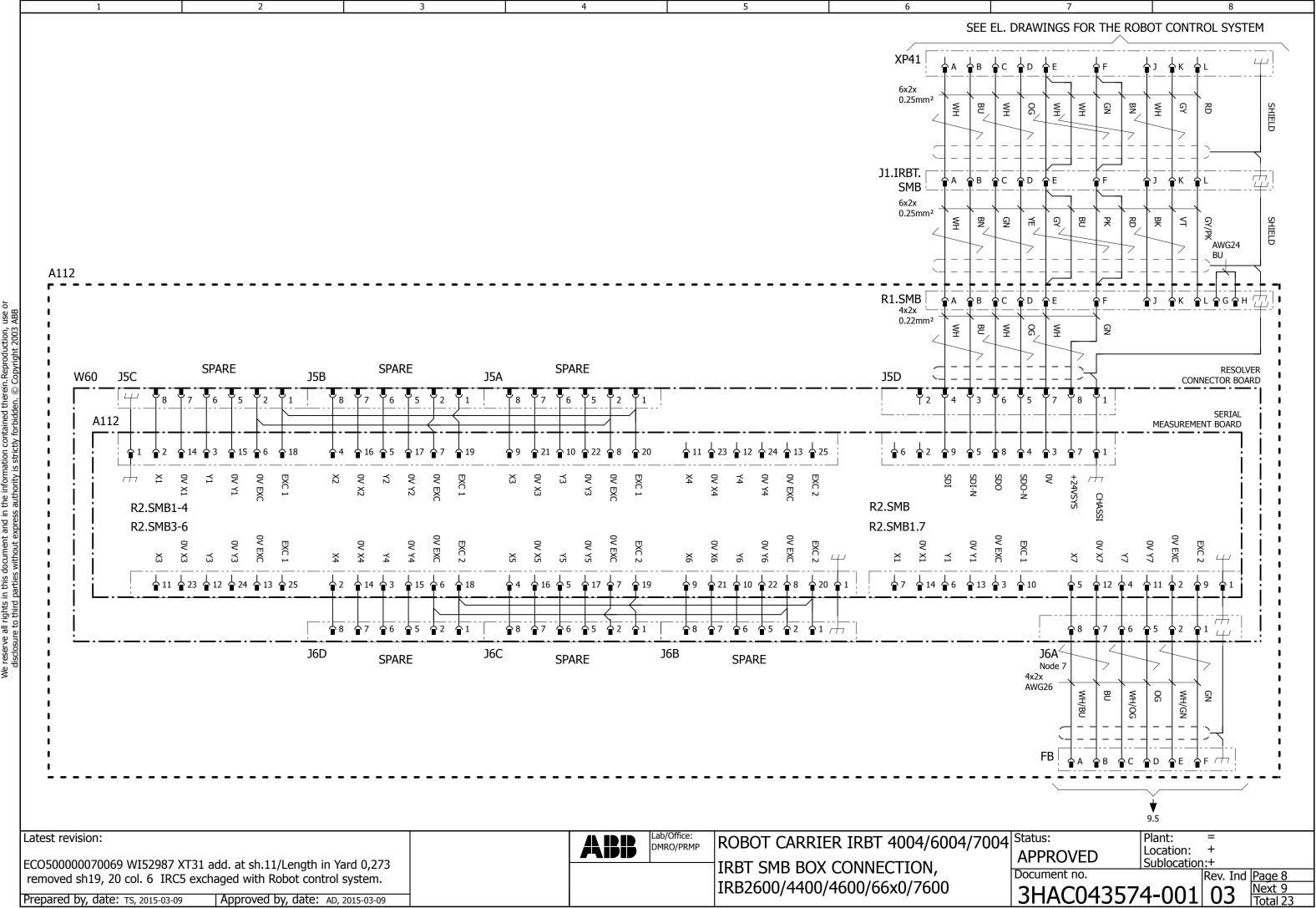
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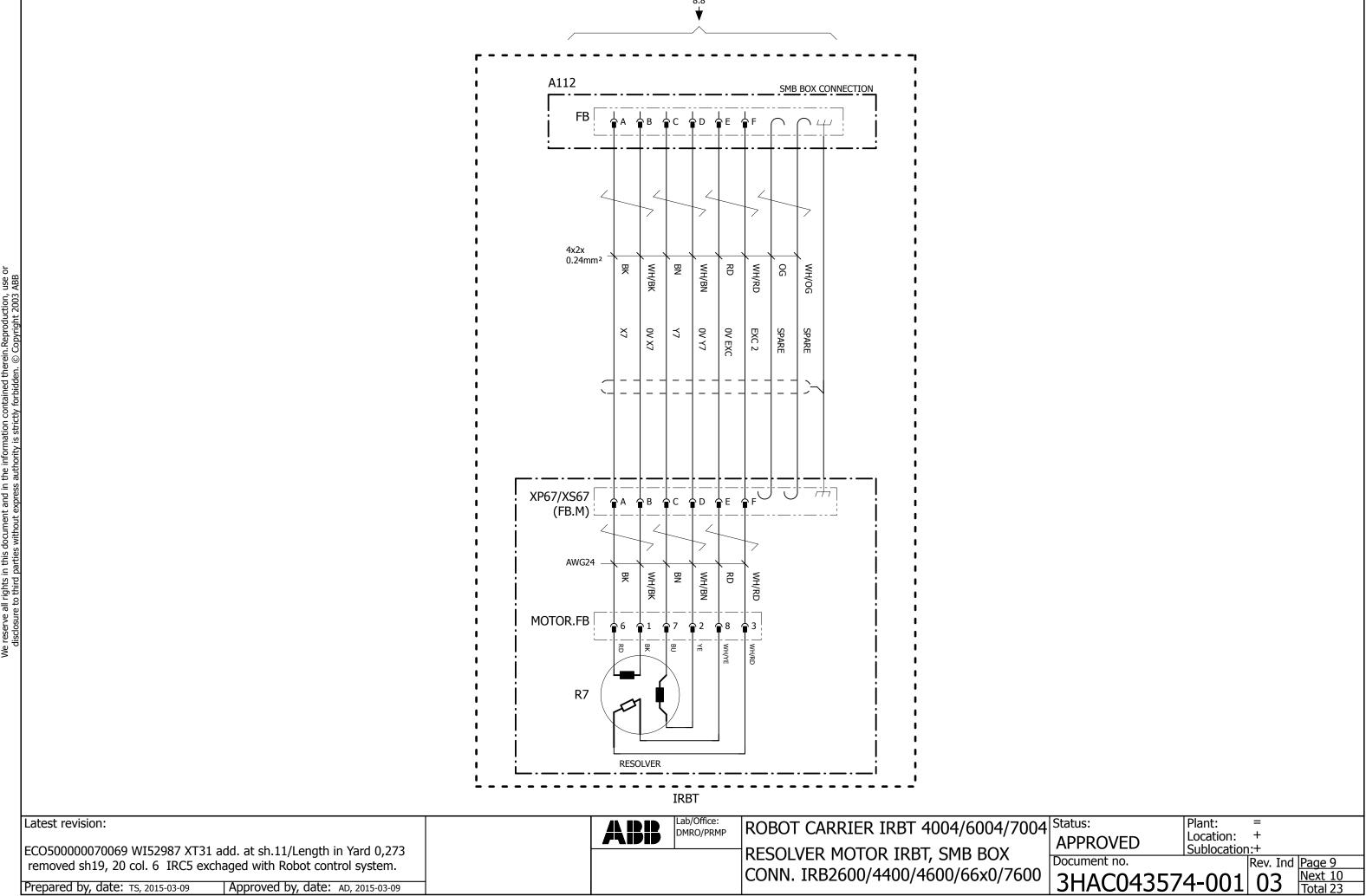
Approved by, date: AD, 2015-03-09

BLOCK DIAGRAM IRB SMB CONNECTION

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SEE EL.DWGS FOR THE IRB MANIPULATOR IRB

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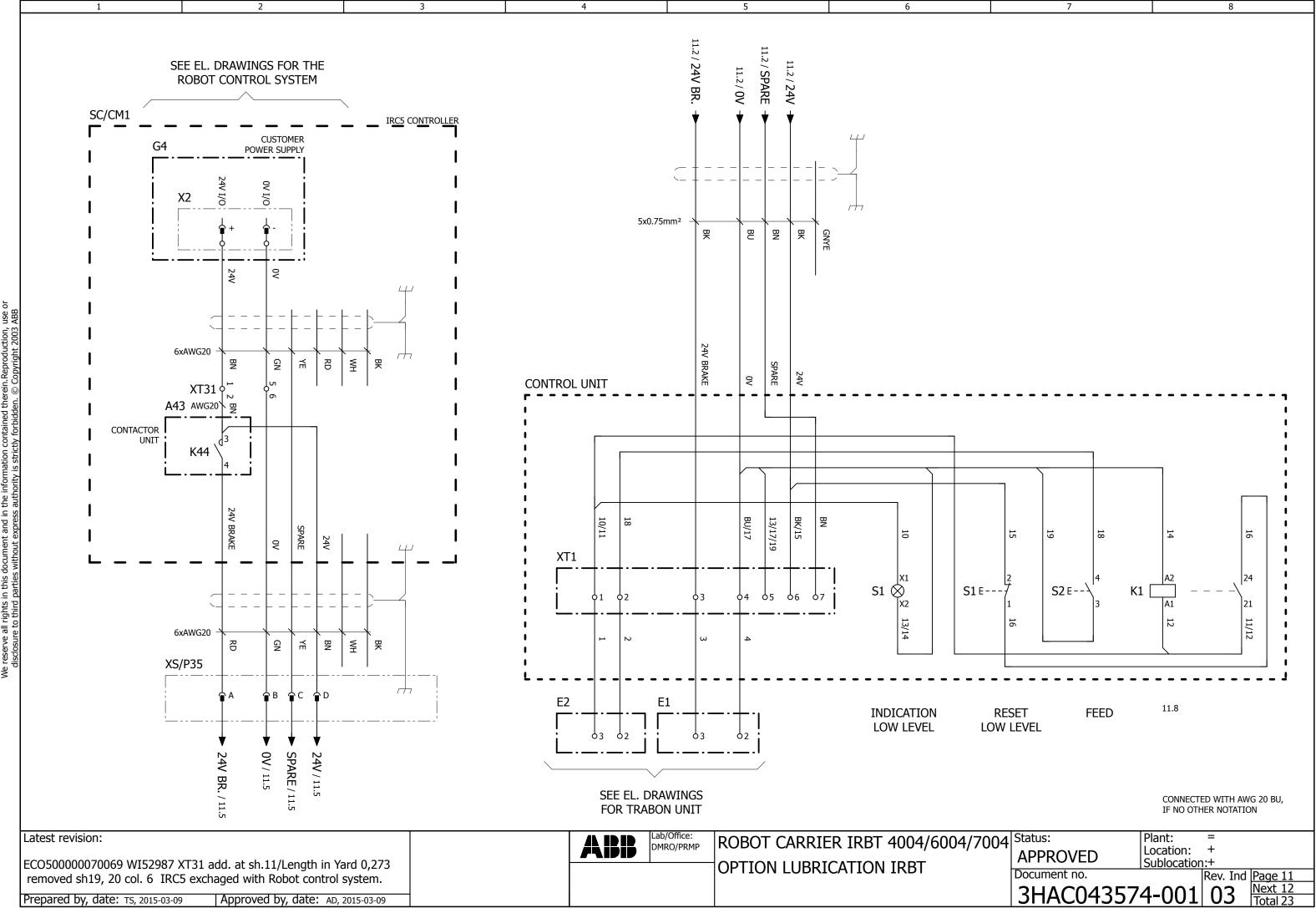
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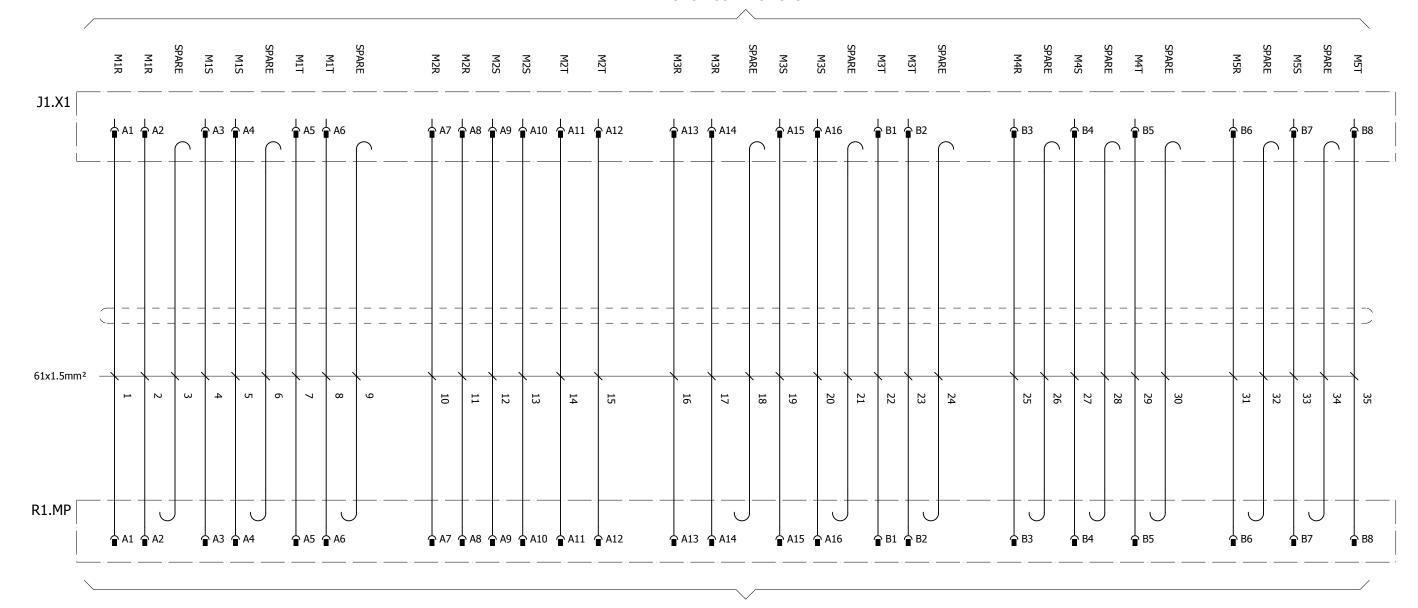
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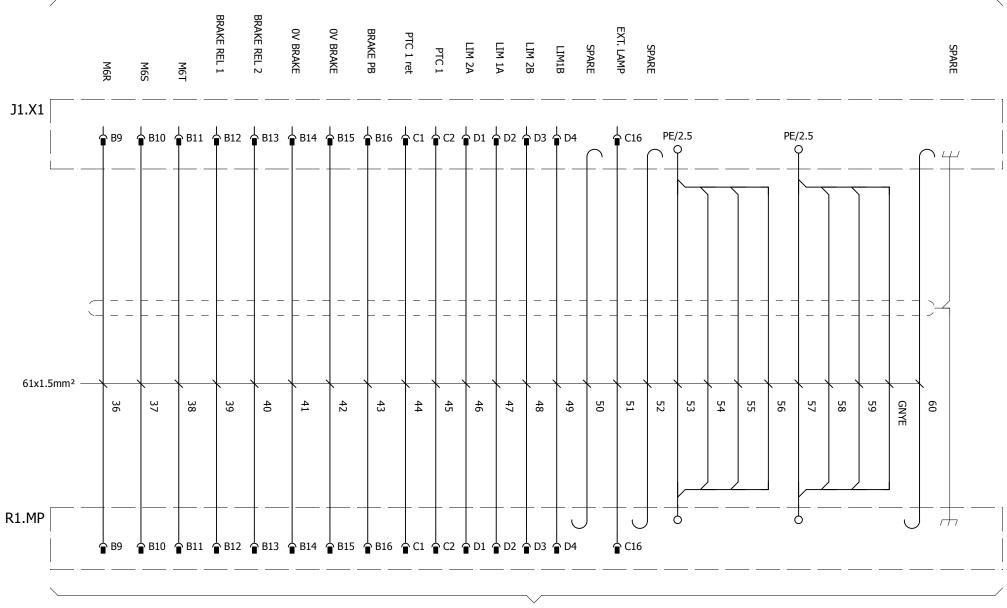
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Prepared by date: TS 2015-03-09 Approved by date: AD 2015-03-09	1

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ROBOT CARRIER IRBT 4004/6004/7004 Status: MOTOR CABLE, IRB4400

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SEE EL. DRAWINGS FOR THE **ROBOT CONTROL SYSTEM** BRAKE RELEASE OV BRAKE PE J1.R1MP 20 28 29 11 12 13 15 27 17 24 18 25 19 26 $\stackrel{1}{\Rightarrow}$ 23 $\stackrel{1}{\Rightarrow}$ 32 $\stackrel{1}{\Rightarrow}$ 22 $\stackrel{1}{\Rightarrow}$ 31 $\stackrel{1}{\Rightarrow}$ 21 $\stackrel{1}{\Rightarrow}$ 30 $\frac{1}{2}$ 1 $\frac{1}{2}$ 2 $\frac{1}{2}$ 10 30x4 + _ 2x0.75mm² 8 9 13 17 20 21 22 23 26 27 R1.MP +SEE EL. DRAWINGS FOR THE IRB MANIPULATOR

Lab/Office: DMRO/PRMP

7600

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Latest revision:

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ECO50000070069 WI52987 XT31 add. at sh.11/Length in Yard 0,273

removed sh19, 20 col. 6 IRC5 exchaged with Robot control system.

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ROBOT CARRIER IRBT 4004/6004/7004 Status:

MOTOR CABLE, IRB2600/4600/66x0/

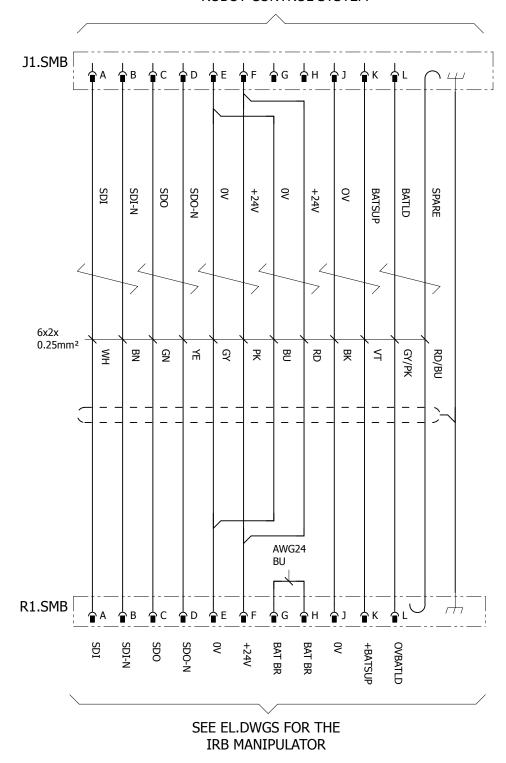
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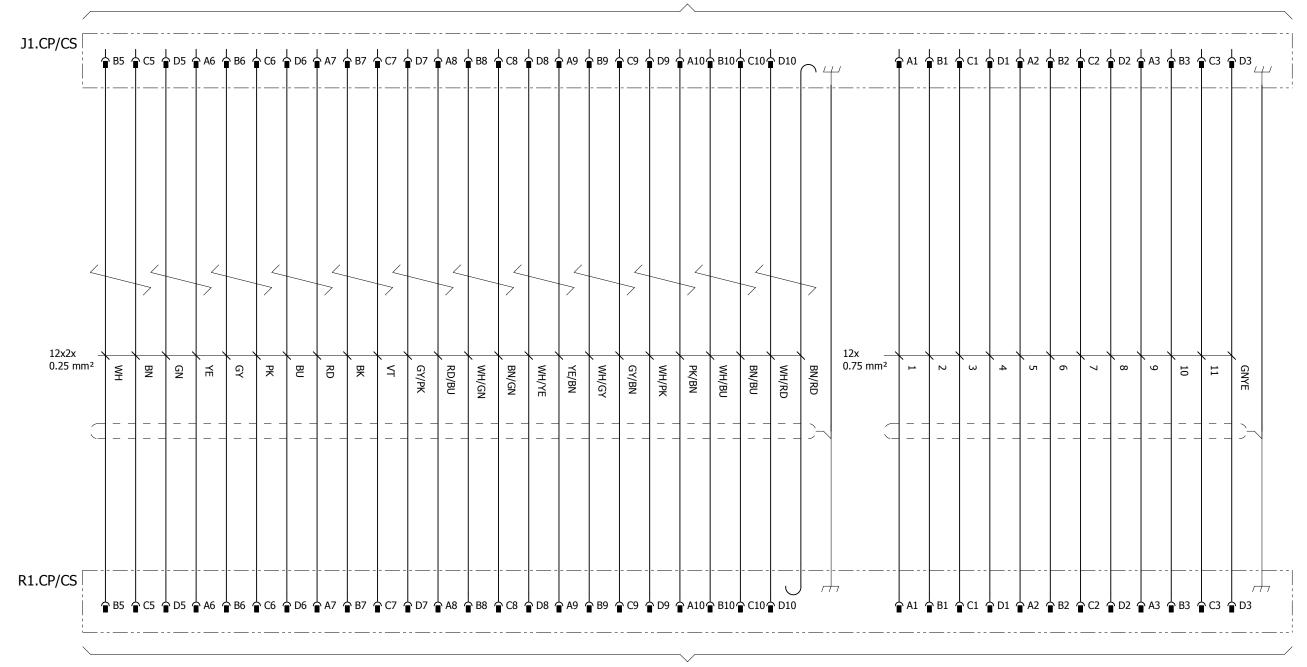
RESOLVER CABLE, IRB2600/4400/4600/Document no. 66x0/7600

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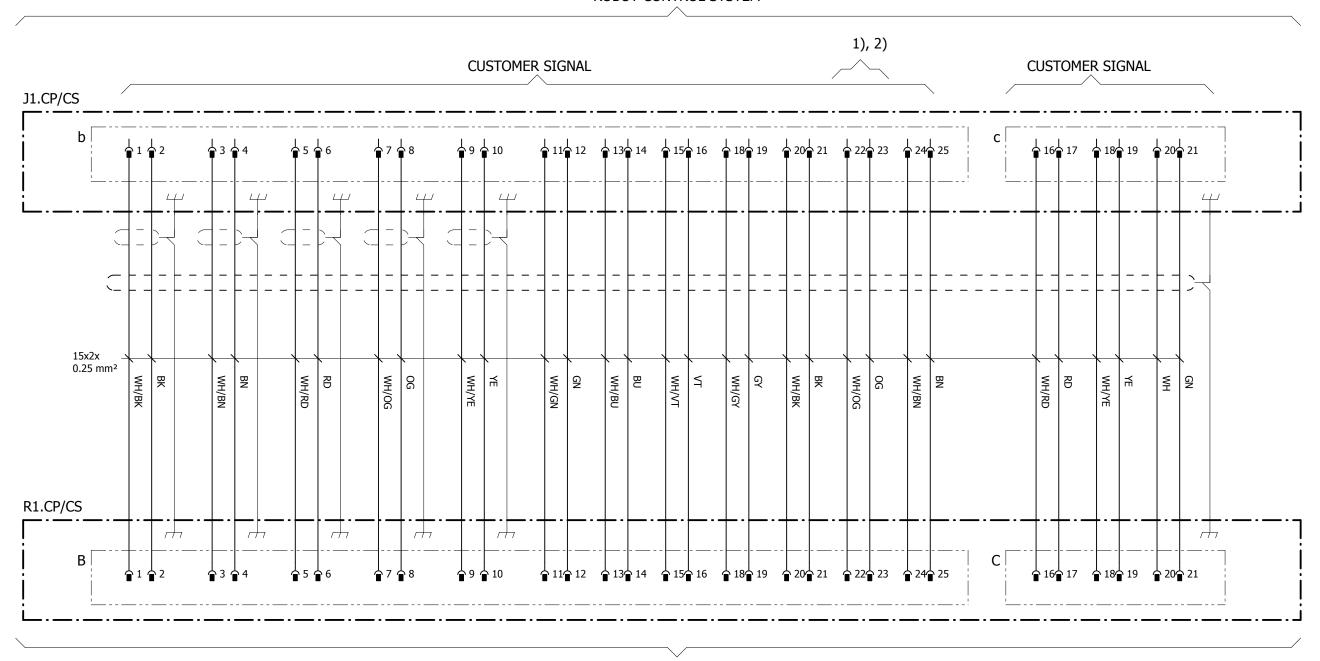
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OPTION CUSTOMER POWER/SIGNAL, IRB4400



SEE EL. DRAWINGS FOR THE 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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ECO50000070069 WI52987 XT31 add. at sh.11/Length in Yard 0,273 removed sh19, 20 col. 6 IRC5 exchaged with Robot control system.	
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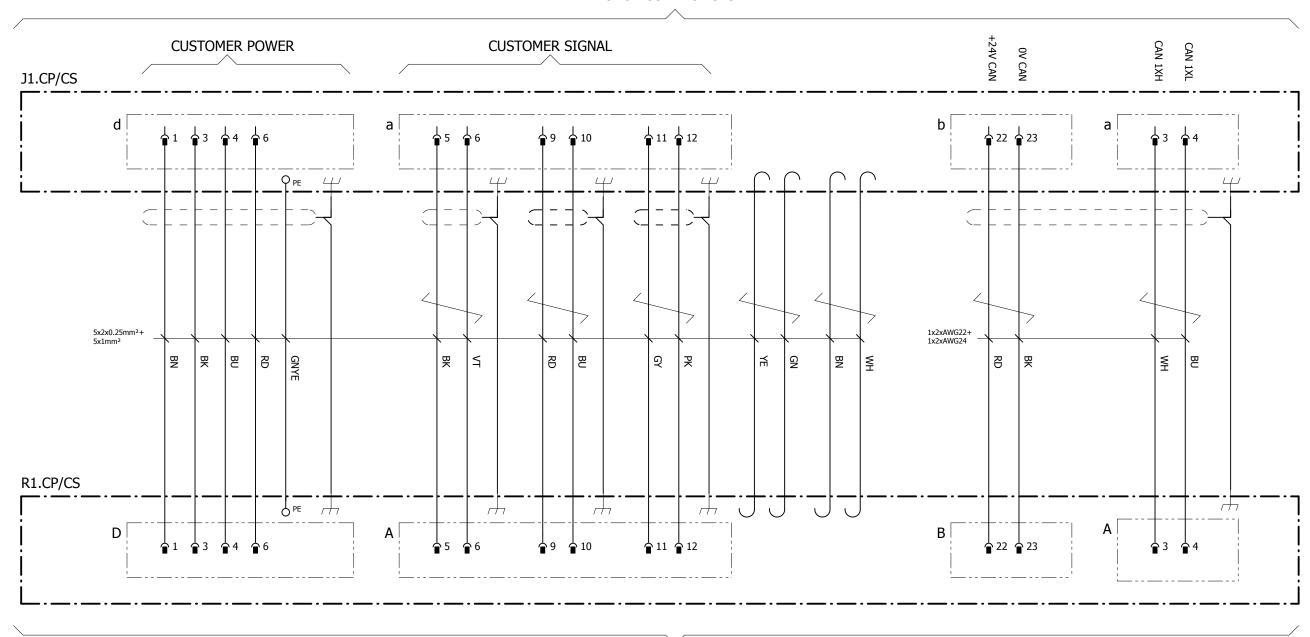
ROBOT CARRIER IRBT 4004/6004/7004 Status: OPTION CUSTOMER POWER/SIGNAL, IRB2600/4600/66x0/7600

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ECO50000070069 WI52987 XT31 add. at sh.11/Length in Yard 0,273 removed sh19, 20 col. 6 IRC5 exchaged with Robot control system.

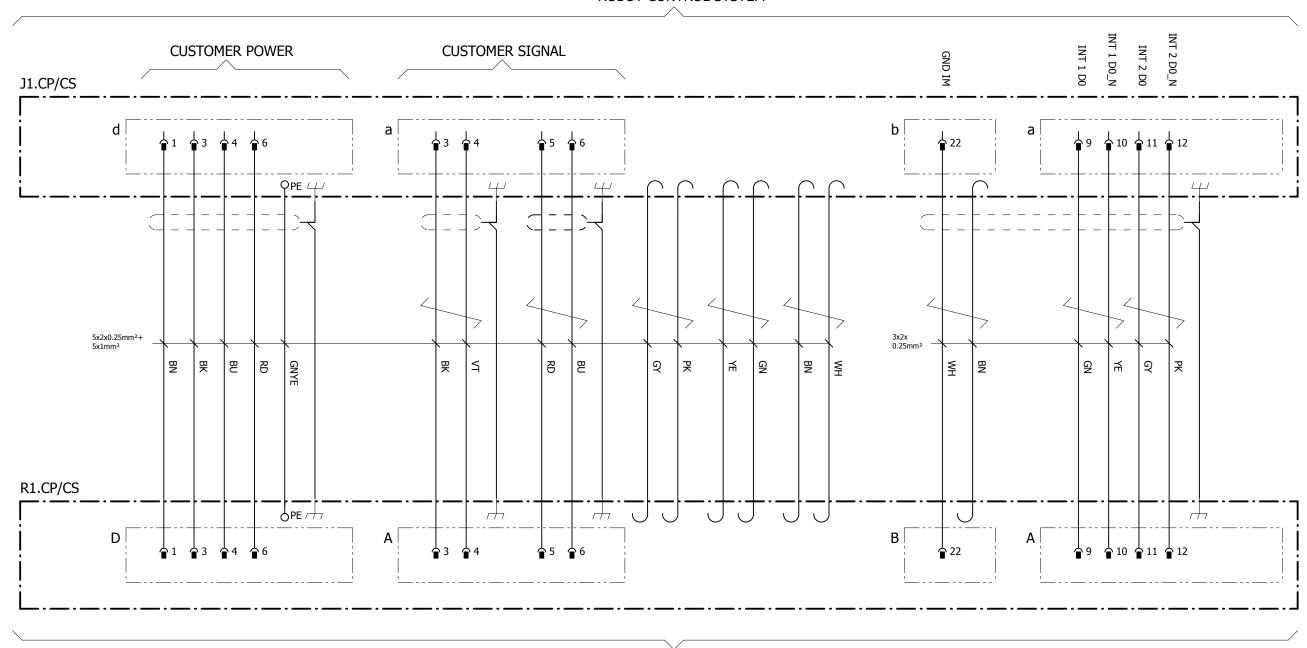
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Lab/Office: DMRO/PRMP ROBOT CARRIER IRBT 4004/6004/7004 APPR OPTION CUSTOMER POWER/SIGNAL DEVICENET, IRB2600/4600/66x0/7600

4 Status: APPROVED Plant: = Location: + Sublocation:+

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ROBOT CARRIER IRBT 4004/6004/7004 Status: OPTION CUSTOMER POWER/SIGNAL INTERBUS, IRB 66x0/7600

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SEE EL. DRAWINGS FOR THE **ROBOT CONTROL SYSTEM** PROFI RXD/TXD -N **CUSTOMER POWER CUSTOMER SIGNAL** J1.CP/CS a 11 12 ϘРЕ 5x2x0.25mm²+ 5x1mm² R 묫 ᄜ 몆 \leq 공 ВП 곳 Η̈́ 공 R1.CP/CS PE / Α D ☆ 11 ☆ 12 SEE EL. DRAWINGS FOR THE IRB MANIPULATOR

ROBOT CARRIER IRBT 4004/6004/7004 Status: **APPROVED** Document no.

OPTION CUSTOMER POWER/SIGNAL

PROFIBUS, IRB 66x0/7600

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removed sh19, 20 col. 6 IRC5 exchaged with Robot control system. Prepared by, date: TS, 2015-03-09 Approved by, date: AD, 2015-03-09

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SEE EL. DRAWINGS FOR THE ROBOT CONTROL SYSTEM **CUSTOMER POWER** J1.CP/CS Q PE 4 R1.CP/CS PE / SEE EL. DRAWINGS FOR THE IRB MANIPULATOR

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

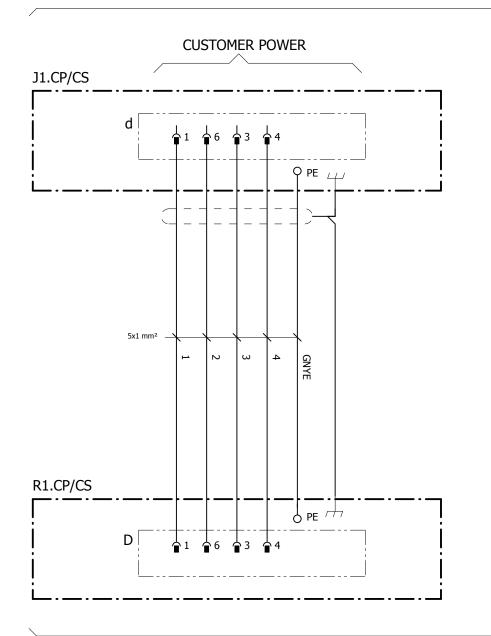
PARALLEL, IRB2600/4600/66x0/7600

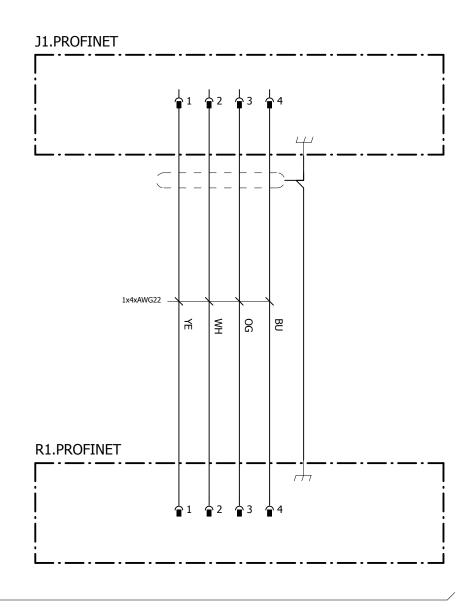
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Prepared by, date: TS, 2015-03-09

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ROBOT CARRIER IRBT 4004/6004/7004 Status: OPTION CUSTOMER POWER/SIGNAL PROFINET, IRB2600/4600/66x0/7600

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