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 Pudong New District, Shanghai, 201319
 P.R.China

Latest revision:
 ECO 500000122074, WI 444851
 Page 31, R1.ETHERNET: Changed to socket.
 Page 31, R2.ETHERNET: Changed to pins.

Prepared by, date: H Chen 5/31/2022 | Approved by, date: C Xie 5/31/2022



Lab/Office:
 RA/RDP

IRB460
 COPYRIGHT PAGE

Status:
 Approved

Plant: =IRB460
 Location: + Manipulator
 Sublocation:+

Document no.
 3HAC036446-005

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IRB460	CP/CS	30	Cbus connection(Option)	Approved	1/21/2013	CNLULI5
IRB460	CP/CS	31	ETHERNET and FE connection(option)	Approved	5/31/2022	CNHOCHE3

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IRB460
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Valid for:
 This circuit diagram is valid for the following cable harness assemblies:
 1) 3HAC037534-003 Cable harness, manipulator axis 1-4.
 2) 3HAC038309-001 UL-Lamp(option)
 3) 3HAC037741-001 Cable harness, customer.(option)
 4) 3HAC038063-001 Cable harness, customer.(option)
 5) 3HAC067340-001 Cable harness, customer.(option)

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IRB460
Valid for

Status: Approved	Plant: Location: Sublocation:+	=IRB460 + Manipulator
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2010-11-15 rev.00

2011-06-09 rev.01

Sh.6 New sheet, Legend

Sh.29 The connection legend has been revised

2013-01-21 rev.02

Sh.23 Fan1 (Optional) Added.

2020-12-08 rev.03

Page 1: update to 2020

Page 2: Table of content update.

Page 3: Correct 3HAC038063-002 to 3HAC038063-001, add 5) 3HAC067340-001 Cable harness, customer.(option)

Page 4: Revision note added

Page 5: connection points "R1/R2.ETHERNET, FE" added

Page 31: add ETHERNET and FE connection.

2022-5-13 rev.04

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IRB460

Revision information

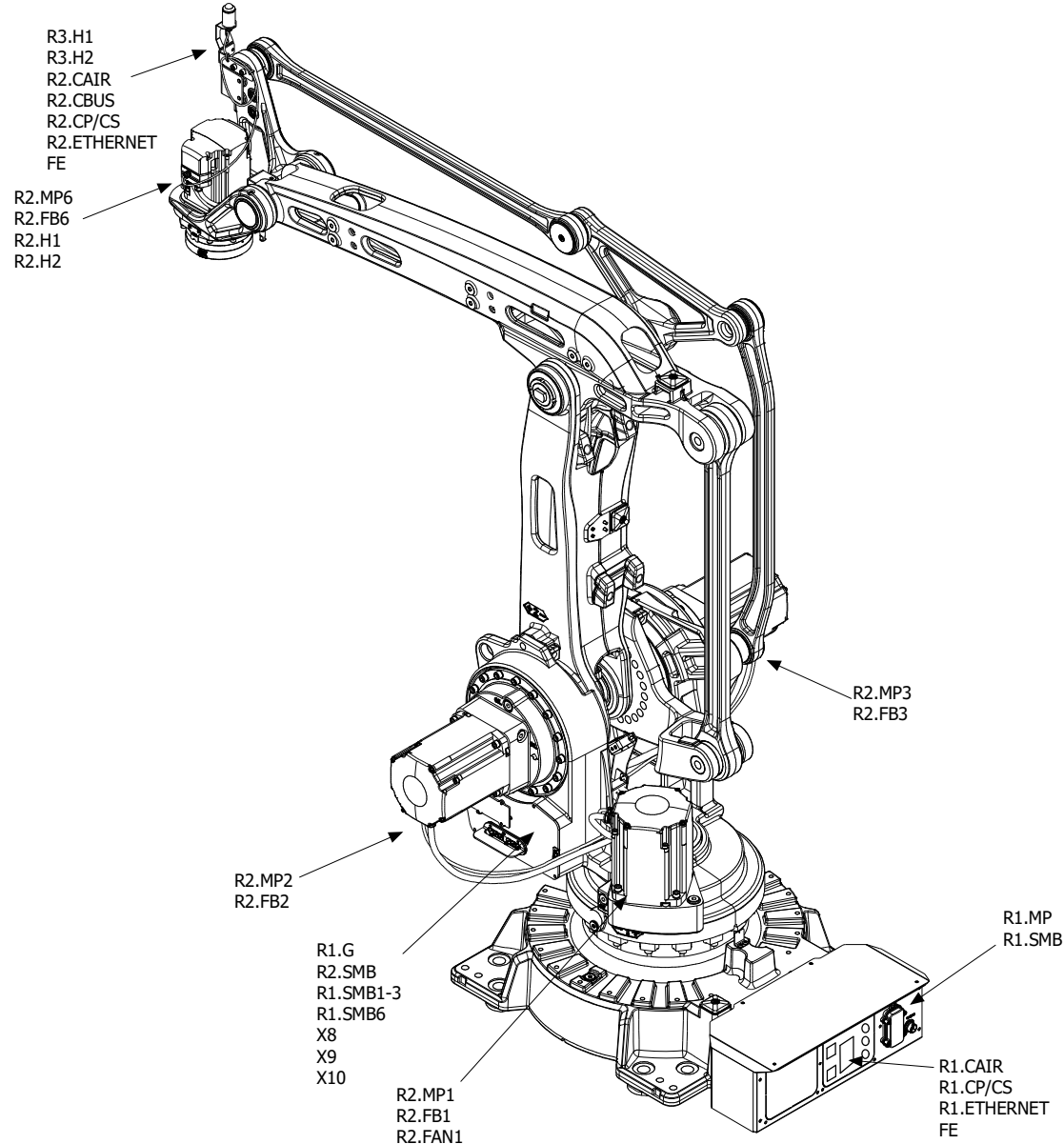
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IRB460
 Connection point location



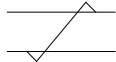
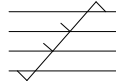
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1	2	3	4	5	6	7	8
	M	Motor				Protective Earth	
	R	Resolver				Screened wires	
	G	Battery Pack					
	BU	Brake Release Unit				Twisted conductors	
	FB	Feedback unit					
	SMB	Serial Measurement Board				Quadruple twisted conductors	
	Keypin	Location pin to avoid mismatch					
	CP/CS	Customer Power/Customer Signal					

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Lab/Office:
RA/RDP

IRB460
Legend

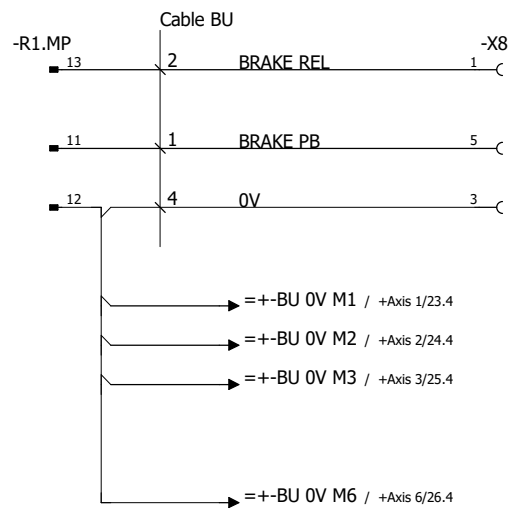
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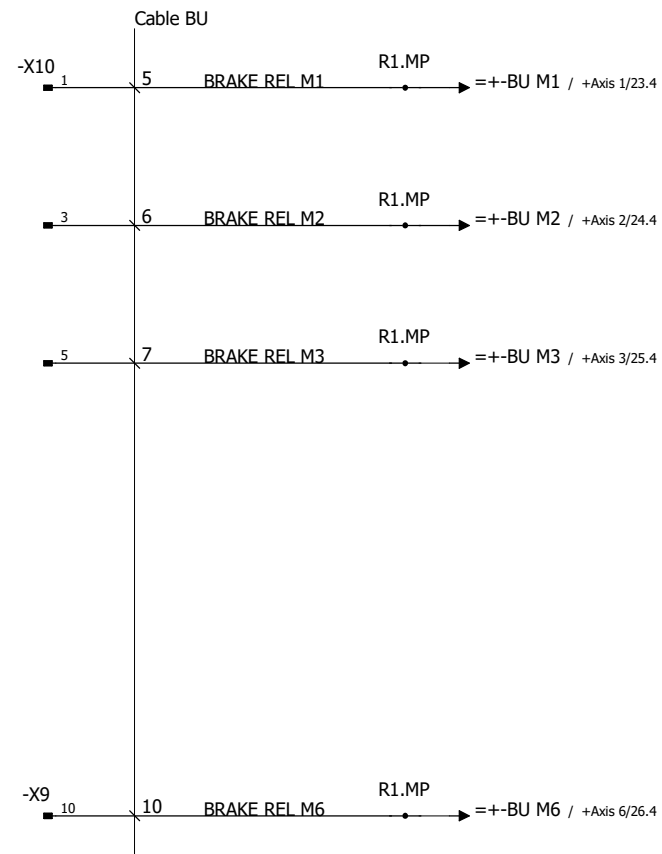
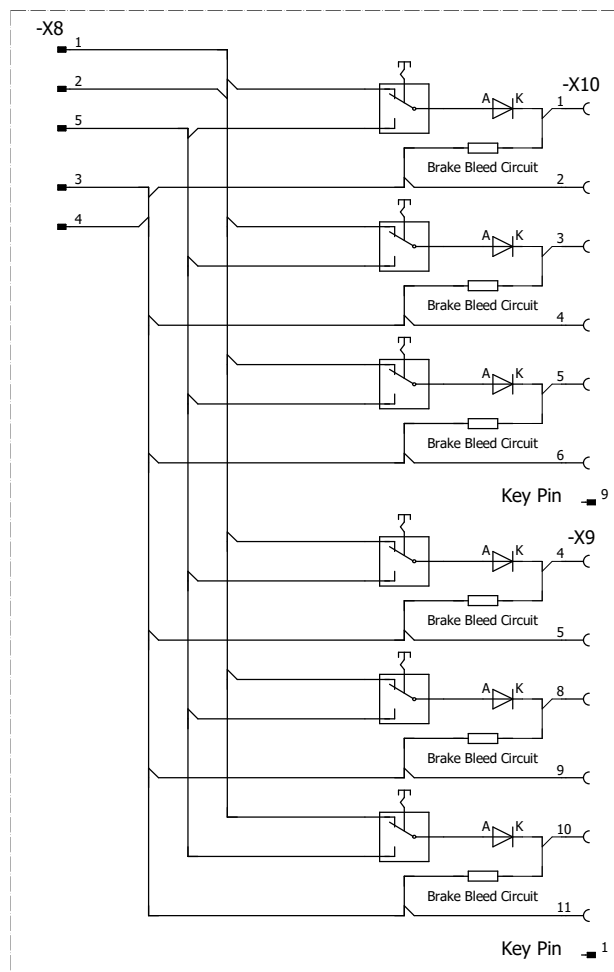
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-BU Brake Release (Simplified)



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5/31/2022



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RA/RDP

IRB460
Brake Release Unit

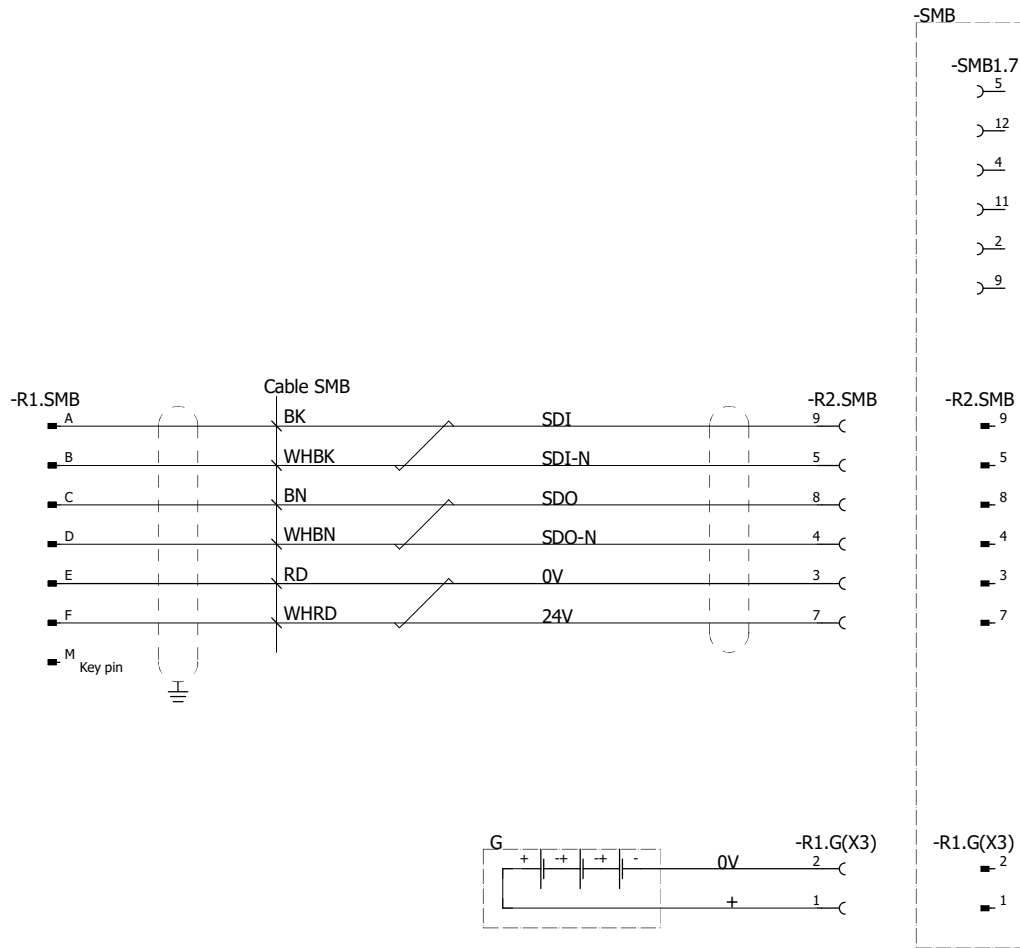
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Plant: =IRB460
Location: +BU
Sublocation:+

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IRB460
Serial Measuring Board

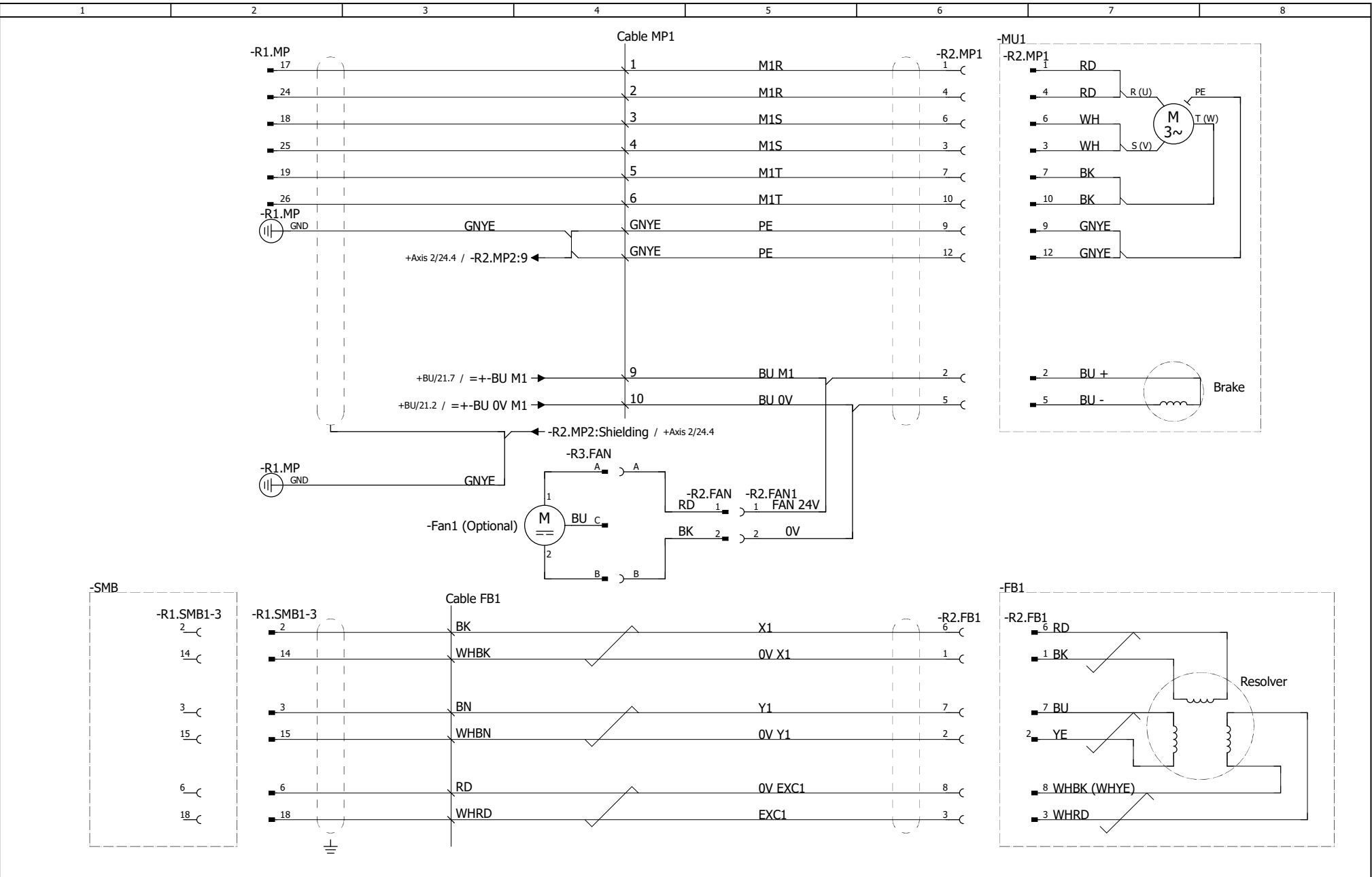
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Plant: =IRB460
Location: +SMB
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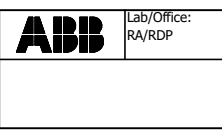
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IRB460
Axis 1

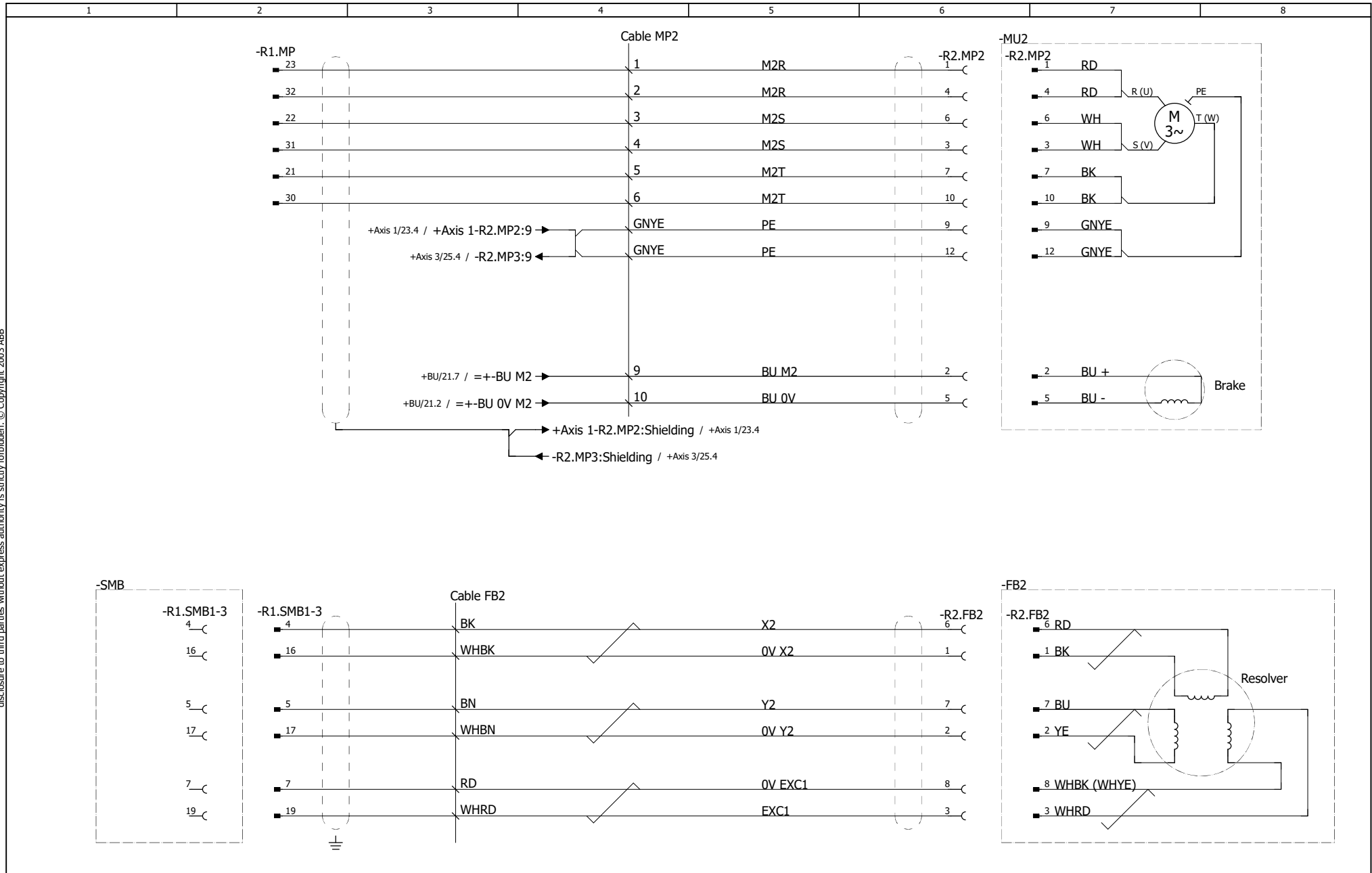
Status: Approved

Plant: =IRB460
 Location: +Axis 1
 Sublocation: +

Document no. 3HAC036446-005

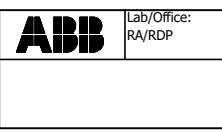
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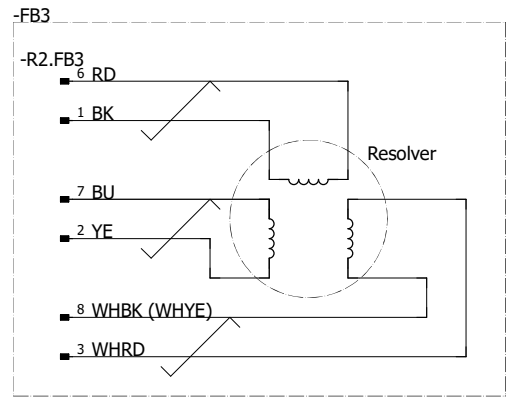
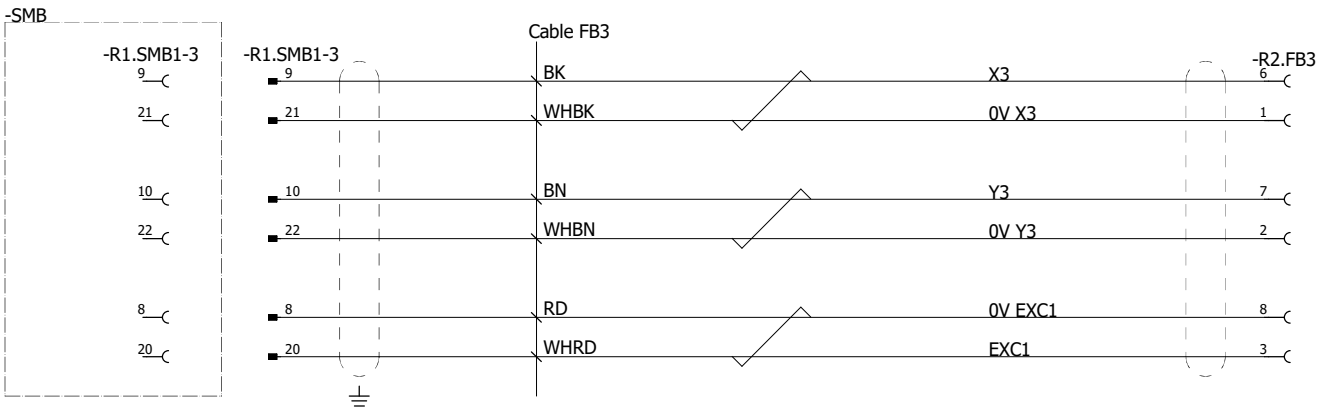
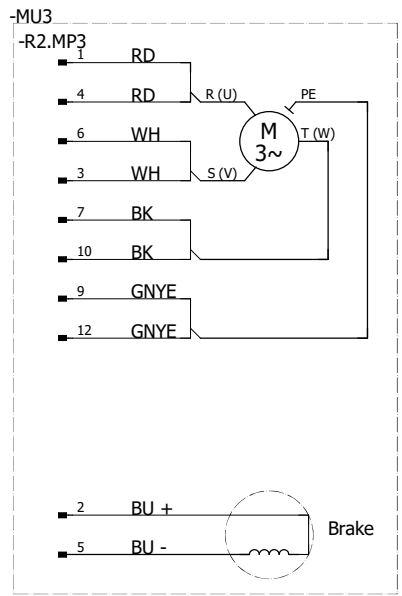
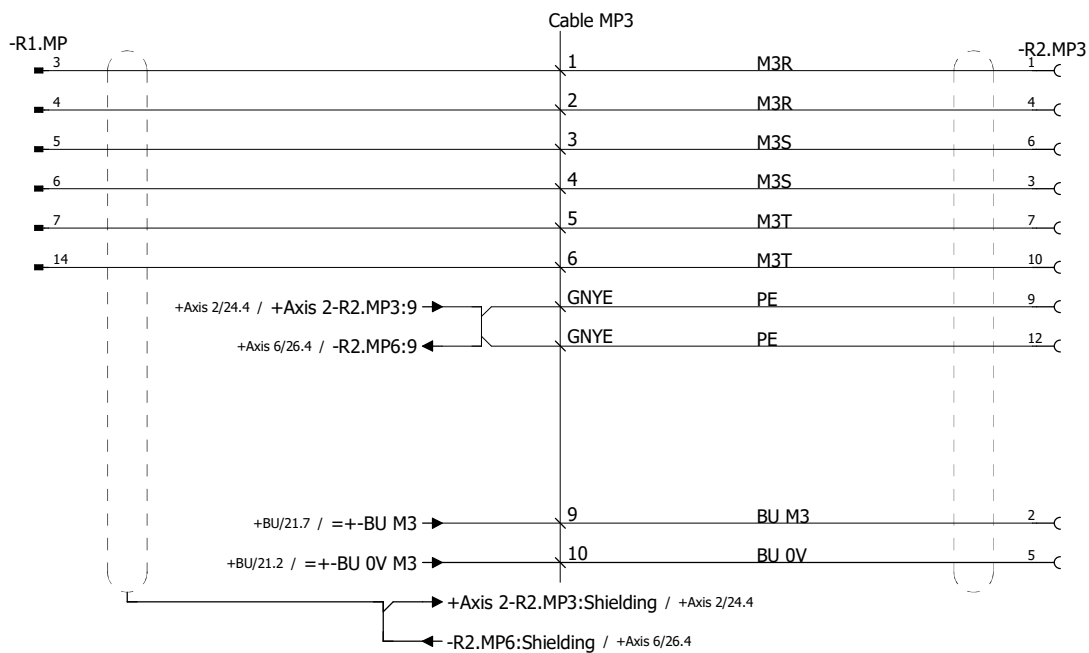


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 IRB460
 Axis 2

Status: Approved
 Plant: =IRB460
 Location: + Axis 2
 Sublocation: +

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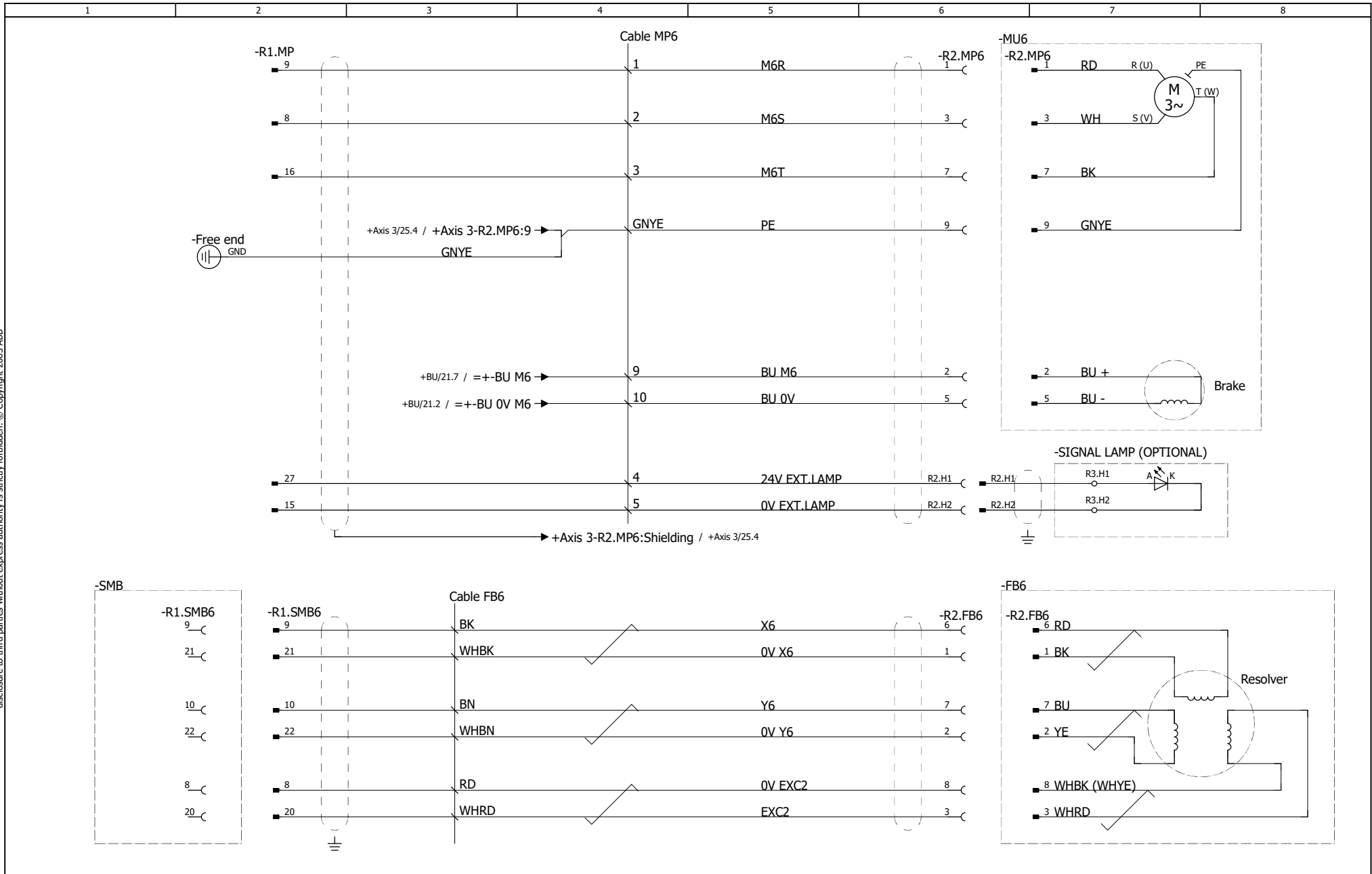
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 IRB460
 Axis 3

Status: Approved
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 Location: +Axis 3
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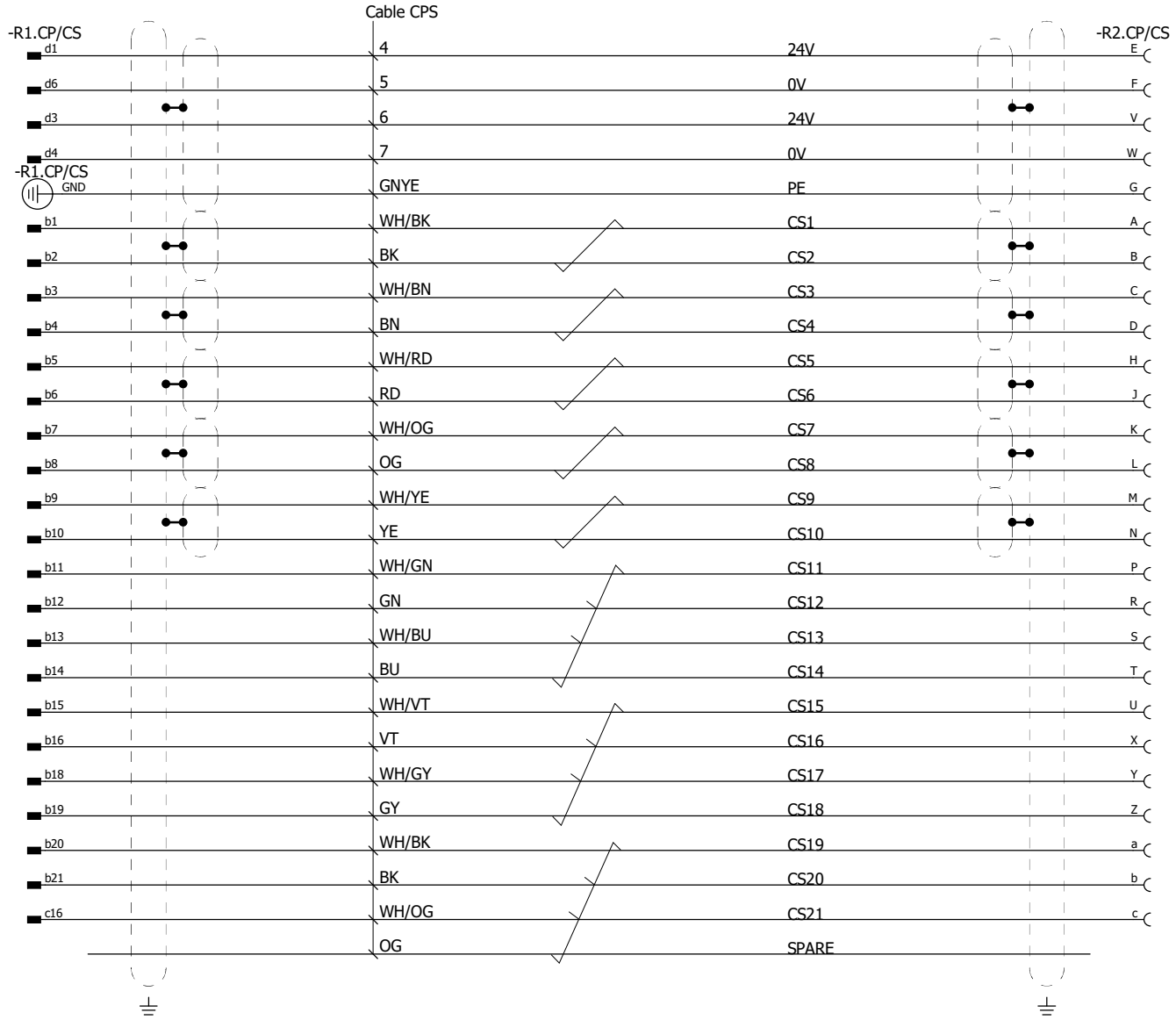
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IRB460
Axis 6

Status: Approved
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Plant: =IRB460
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IRB460
Customer connection(Optional)

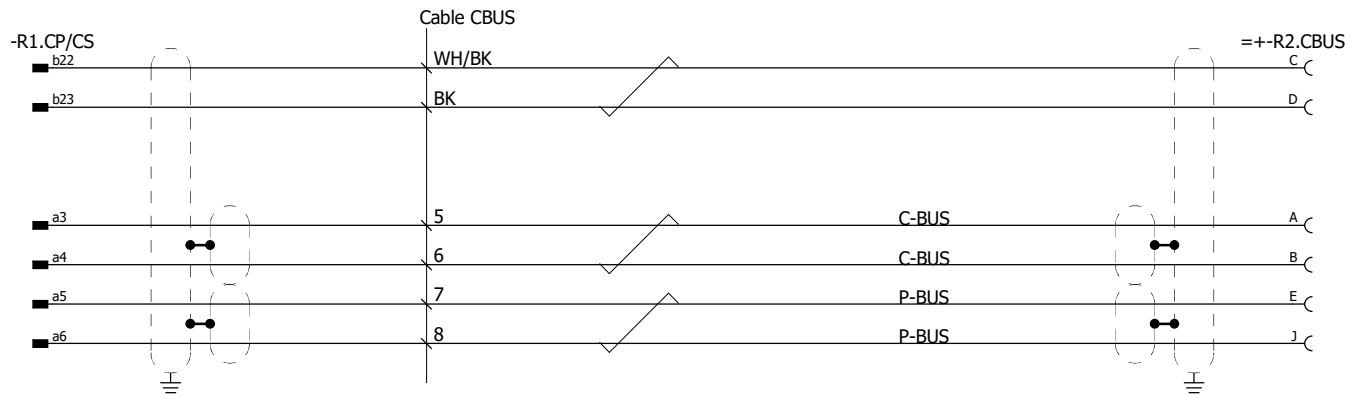
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IRB460
Cbus connection(Optional)

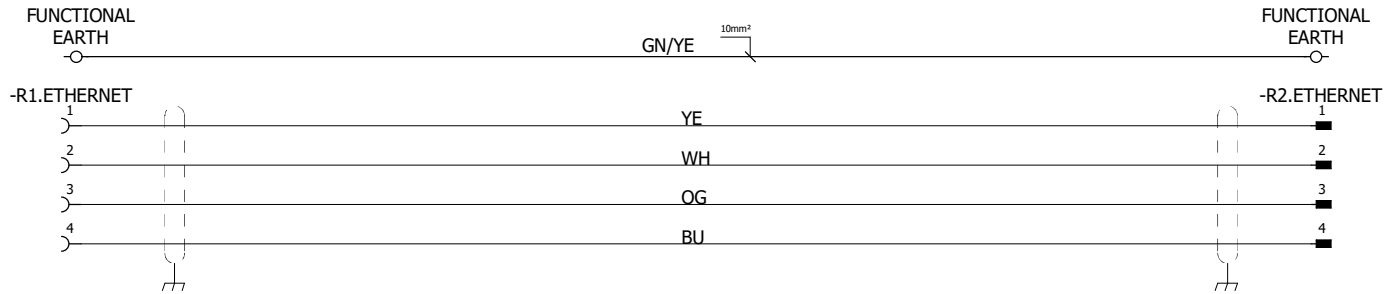
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IRB460
ETHERNET and FE connection(option)

Status:
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Location: +CP/CS
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