

The information in this document is subject to change without notice and should not be construed as a commitment by ABB. ABB assumes no responsibility for any errors that may appear in this document.

Except as may be expressly stated anywhere in this document, nothing herein shall be construed as any kind of guarantee or warranty by ABB for losses, damages to persons or property, fitness for a specific purpose or the like.

In no event shall ABB be liable for incidental or consequential damages arising from use of this document.

This document and parts thereof must not be reproduced or copied without ABB's written permission, and contents thereof must not be imparted to a third party nor be used for any unauthorized purpose. Contravention will be prosecuted.


Additional copies of this document may be obtained from ABB at its then current charge.

© Copyright 2024 ABB ALL right reserved.

ABB

SE-721 68 Västerås
Sweden


We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright ABB

Latest revision: ECO 500000131589 New		 Lab/Office: RA/RDP	CIRCUIT DIAGRAM IRP L COPYRIGHT PAGE	Status: Approved	Plant: = Location: + Sublocation:+						
Prepared by, date: J POKORNÁ 240517	Approved by, date: P SVOBODA 240517			Document no. 3HAC091012-002	<table border="1"> <tr> <td>Rev. Ind</td> <td>Page 1</td> </tr> <tr> <td>00</td> <td>Next 2</td> </tr> <tr> <td></td> <td>Total 10</td> </tr> </table>	Rev. Ind	Page 1	00	Next 2		Total 10
Rev. Ind	Page 1										
00	Next 2										
	Total 10										

Valid for:

- 3HAC087040-003 Cable harness MTD, Complete 6,1 m
- 3HAC038782-001 Cable harness MU (option MTD 5000)
- 3HAC039603-010 Power Cable Box-Motor, 5m (option MTD 5000)
- 3HAC039602-007 FB Cable Box-Motor, 5m (option MTD 5000)
- 3HAC032972-002 Slip ring capsule

We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright ABB

Latest revision: ECO 500000131589 New		Lab/Office: RA/RDP	CIRCUIT DIAGRAM IRP L Valid for	Status: Approved	Plant: = Location: + Sublocation: +	Rev. Ind 00	Page 3 Next 4 Total 10
				Document no. 3HAC091012-002	Prepared by, date: J POKORNÁ 240517	Approved by, date: P SVOBODA 240517	

We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright ABB

M	Motor			Functional Earth
B	Brake			Twisted wires
MCB	Multi connection box			Screened wires
R	Resolver			Resistor
				Diode

Latest revision:
ECO 500000131589
New

Prepared by, date: J POKORNÁ 240517 Approved by, date: P SVOBODA 240517

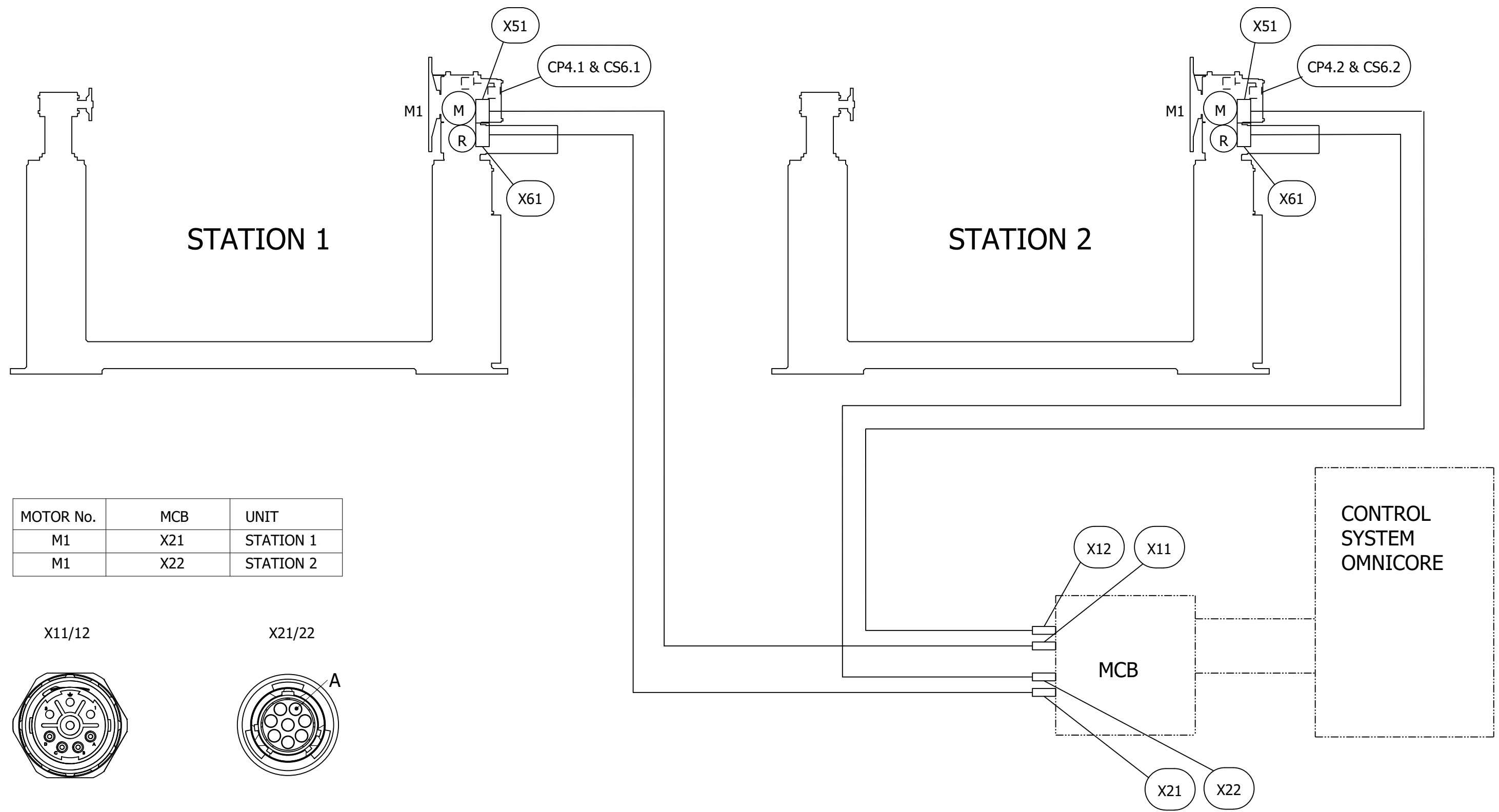


Lab/Office:
RA/RDP

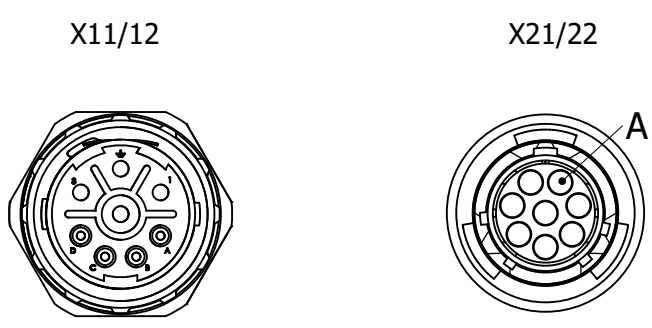
CIRCUIT DIAGRAM IRP L
Legend

Status: Approved	Plant: = Location: + Sublocation: +	Rev. Ind 00	Page 4 Next 5 Total 10
Document no. 3HAC091012-002			

We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright ABB



MOTOR No.	MCB	UNIT
M1	X21	STATION 1
M1	X22	STATION 2



Latest revision:
ECO 500000131589
New

Prepared by, date: J POKORNÁ 240517 Approved by, date: P SVOBODA 240517

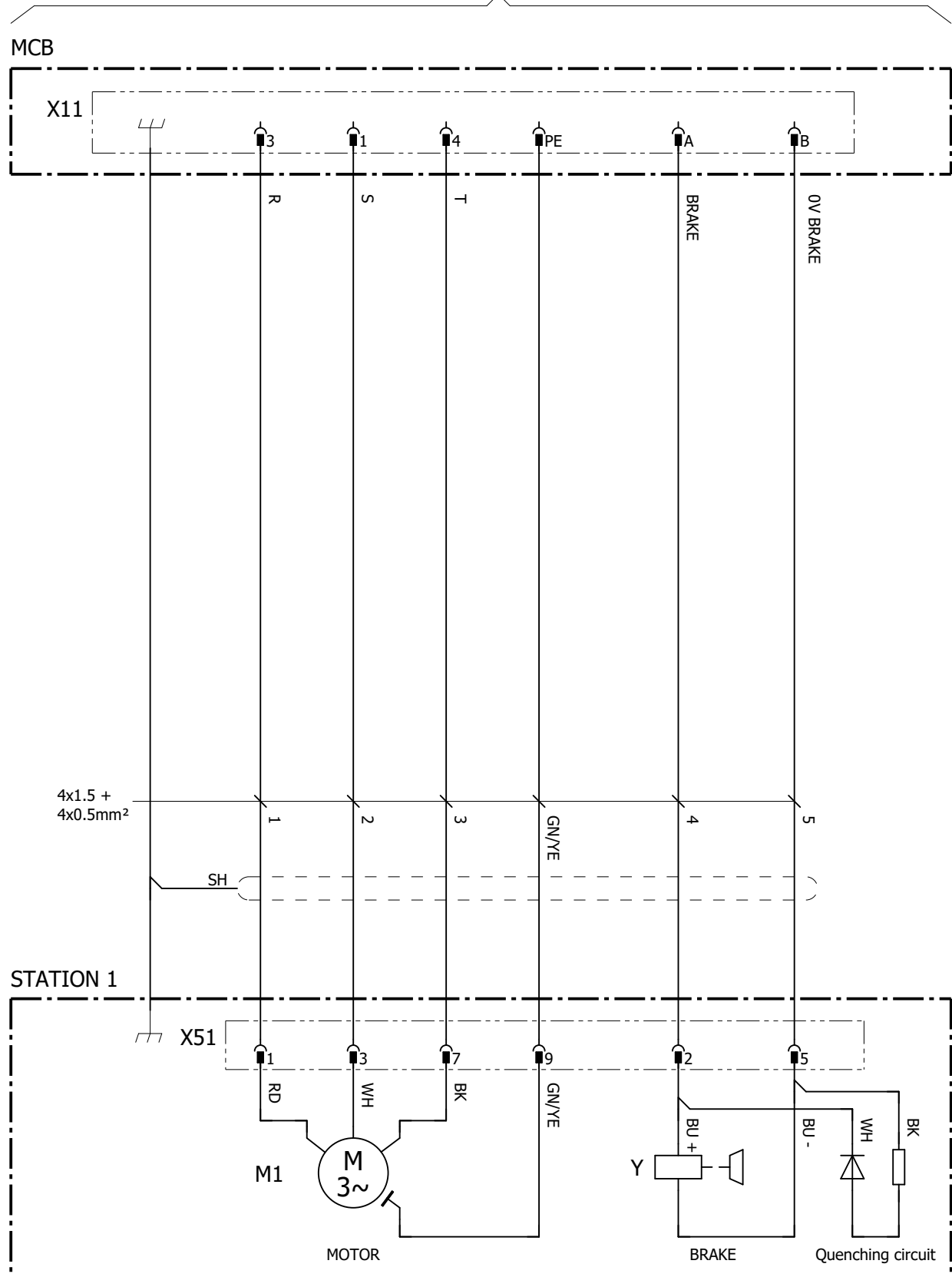


CIRCUIT DIAGRAM IRP L
BLOCK DIAGRAM IRP TYPE L

Status: Approved	Plant: Location: Sublocation:+	Rev. Ind 00	Page 5 Next 10 Total 10
Document no. 3HAC091012-002			

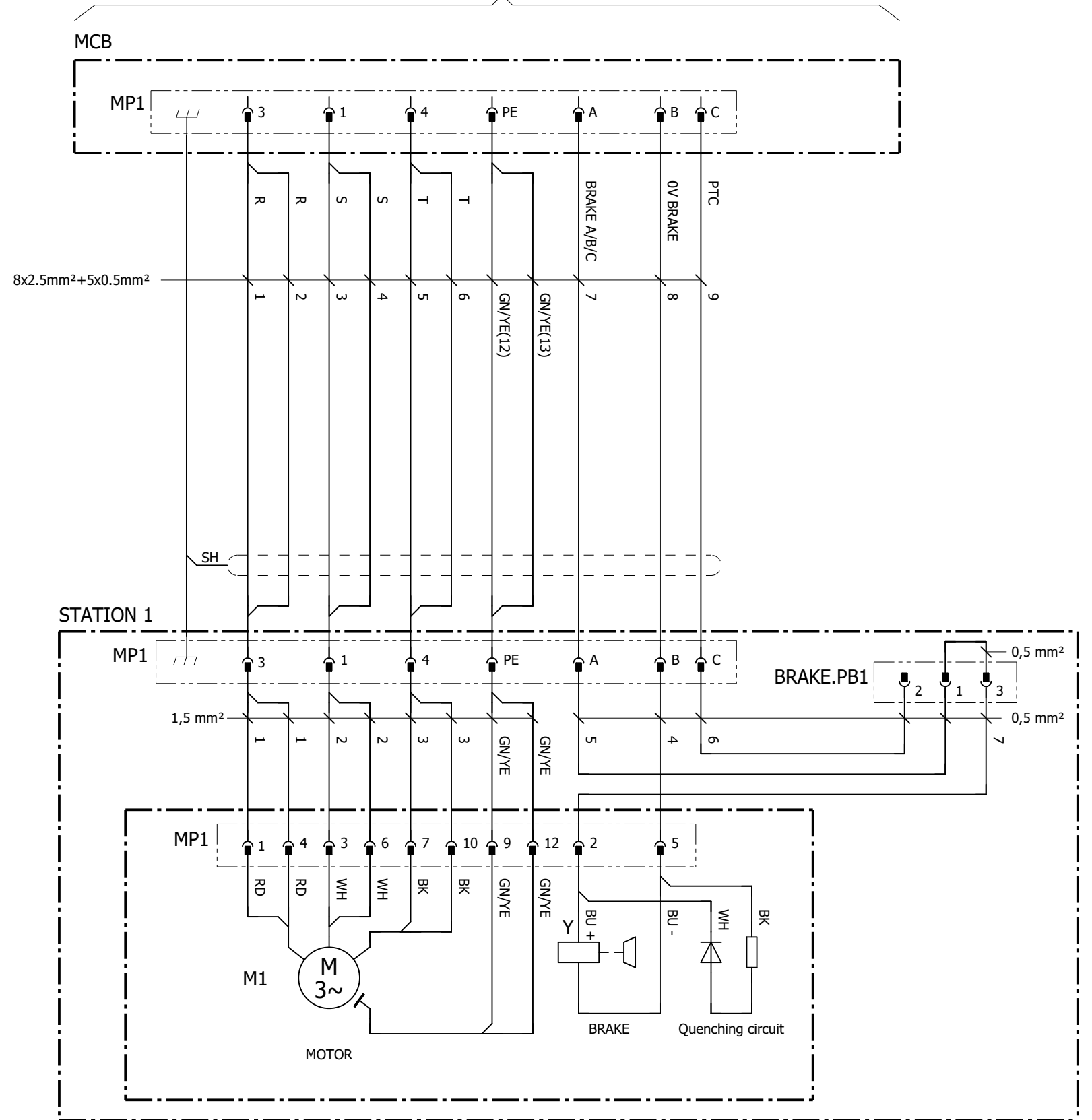
We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright ABB

SEE ELECTRICAL DRAWINGS FOR MCB 3HAC088150-001



CONNECTION ONLY WITH MTD 5000

SEE ELECTRICAL DRAWINGS FOR MCB 3HAC088150-001



Latest revision:
ECO 500000131589
New

Prepared by, date: J POKORNÁ 240517
Approved by, date: P SVOBODA 240517

ABB

Lab/Office:
RA/RDP

CIRCUIT DIAGRAM IRP L
MOTOR, STATION 1

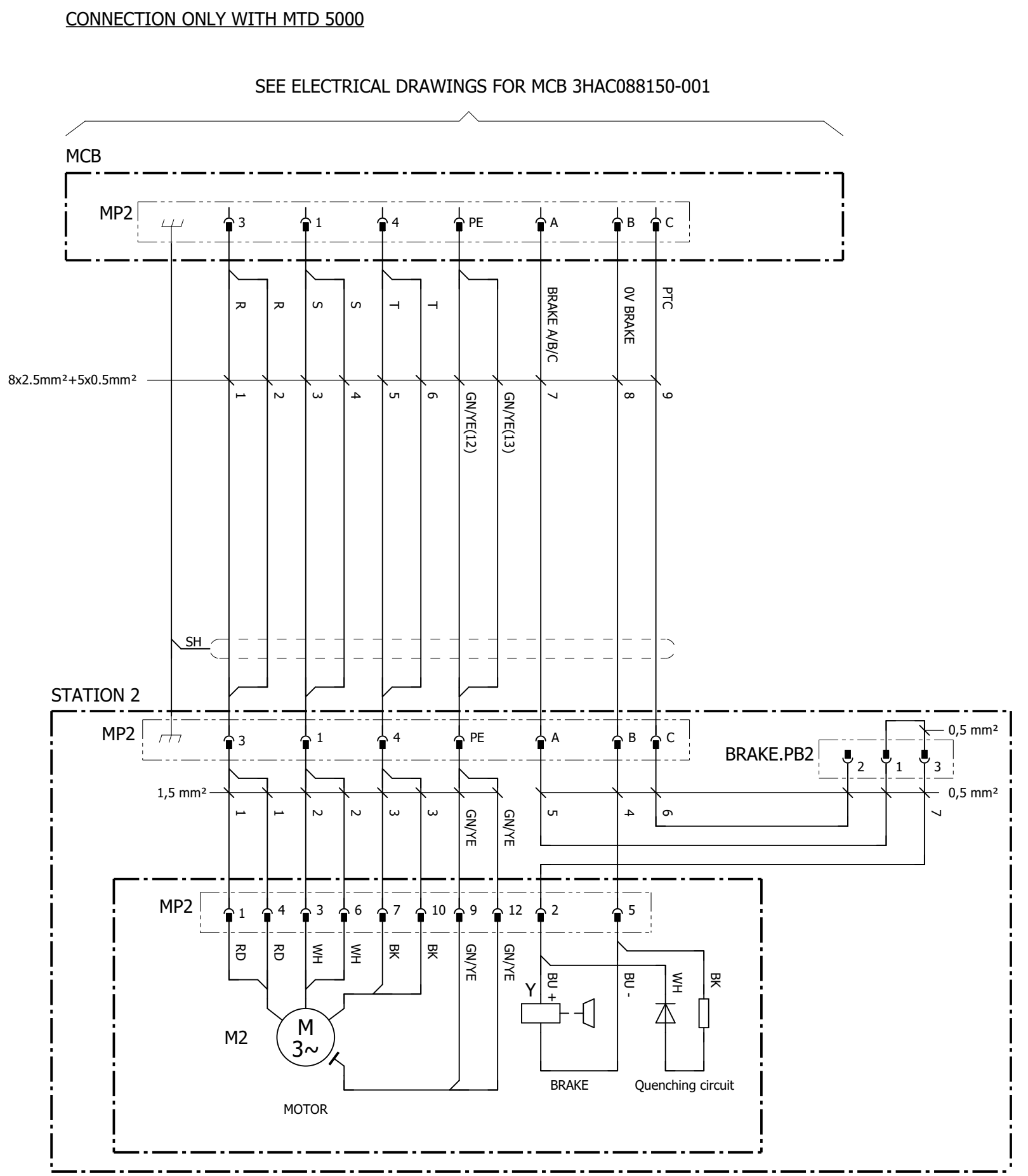
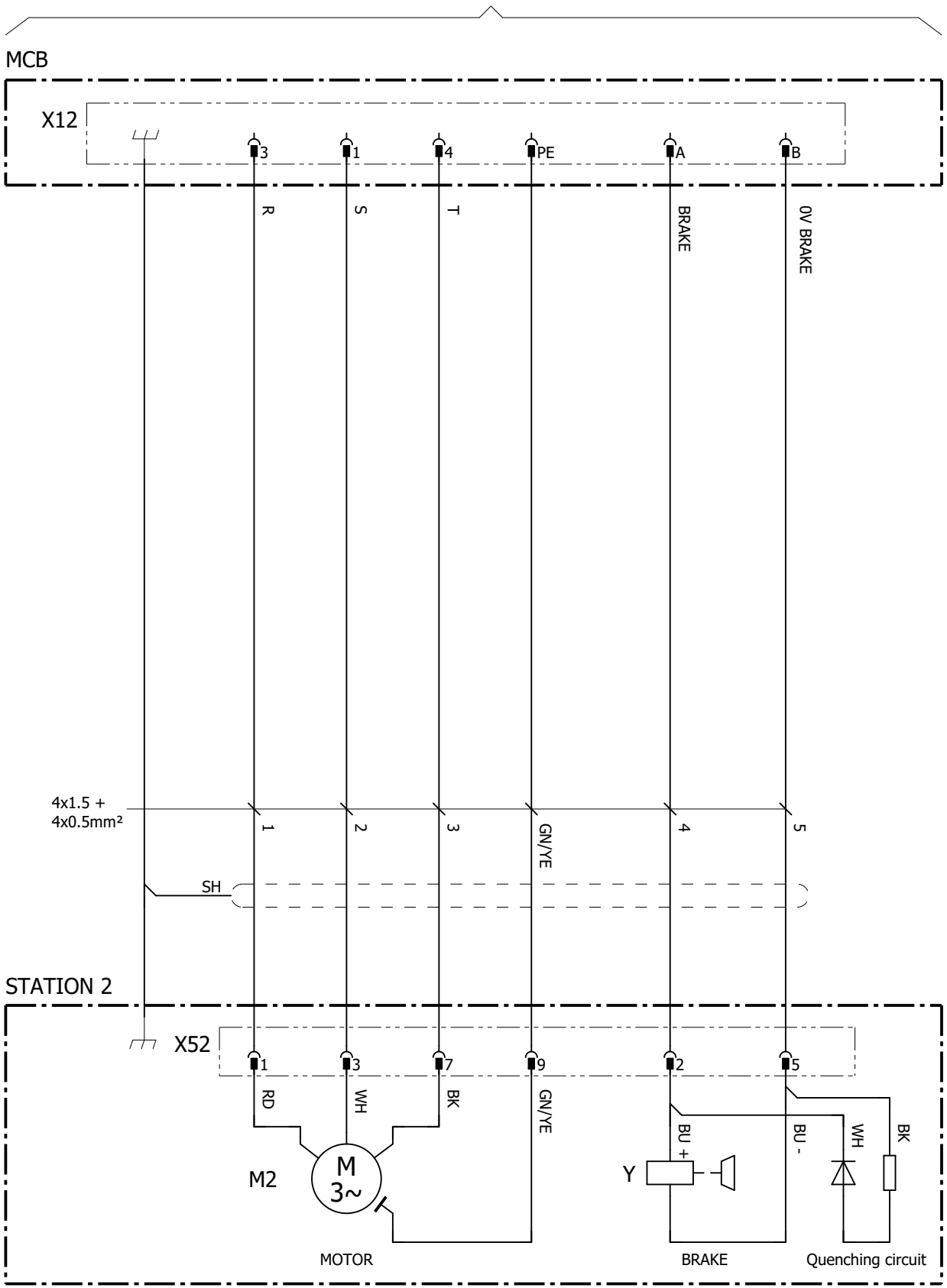
Status:
Approved

Plant: =
Location: +
Sublocation: +

Document no.
3HAC091012-002

Rev. Ind Page
00 10
Next 20
Total 10

We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright ABB



Latest revision:
ECO 500000131589
New

Prepared by, date: J POKORNÁ 240517

Approved by, date: P SVOBODA 240517

ABB

Lab/Office:
RA/RDP

CIRCUIT DIAGRAM IRP L
MOTOR, STATION 2

Status:
Approved

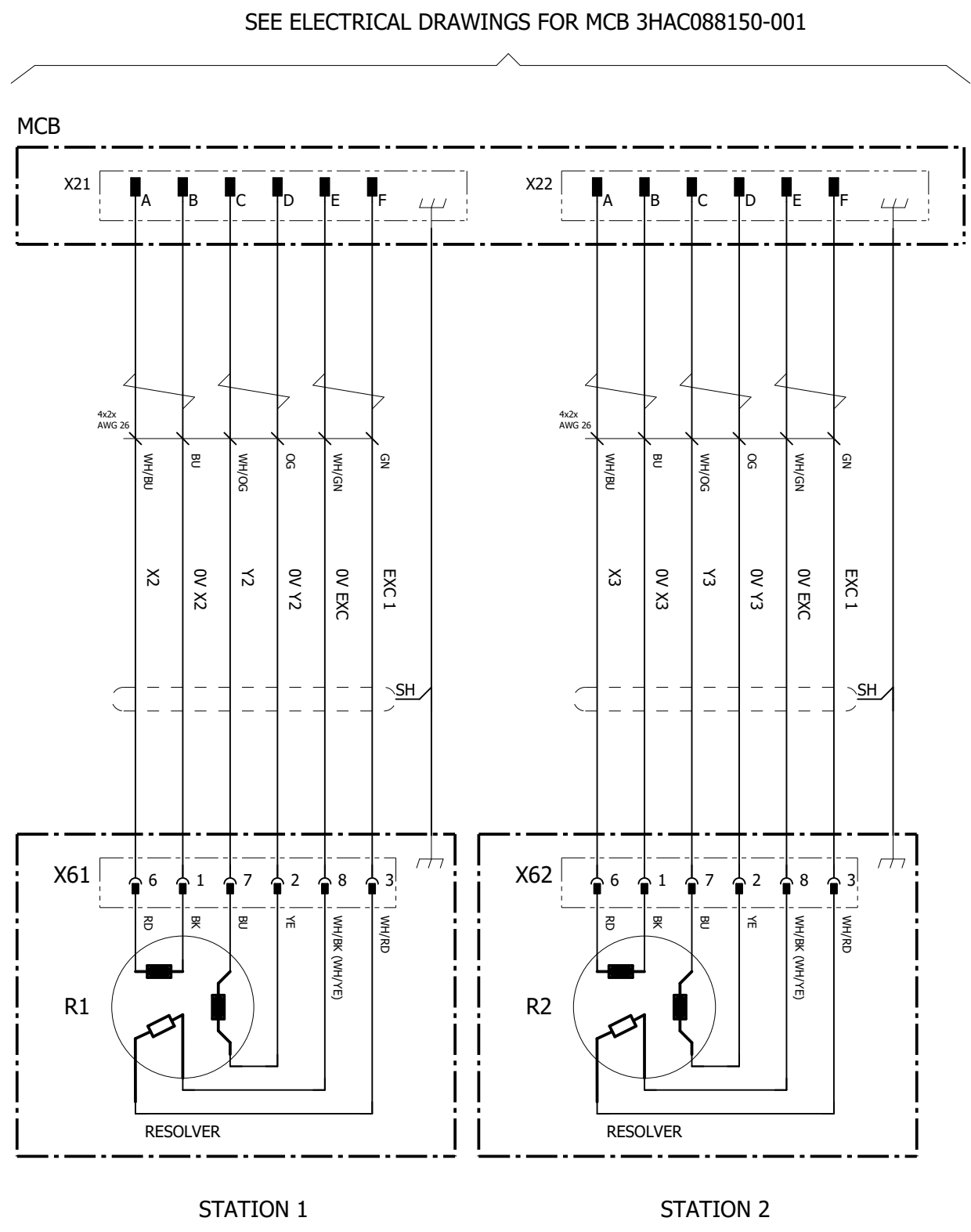
Plant: =
Location: +
Sublocation: +

Document no.
3HAC091012-002

Rev. Ind
00

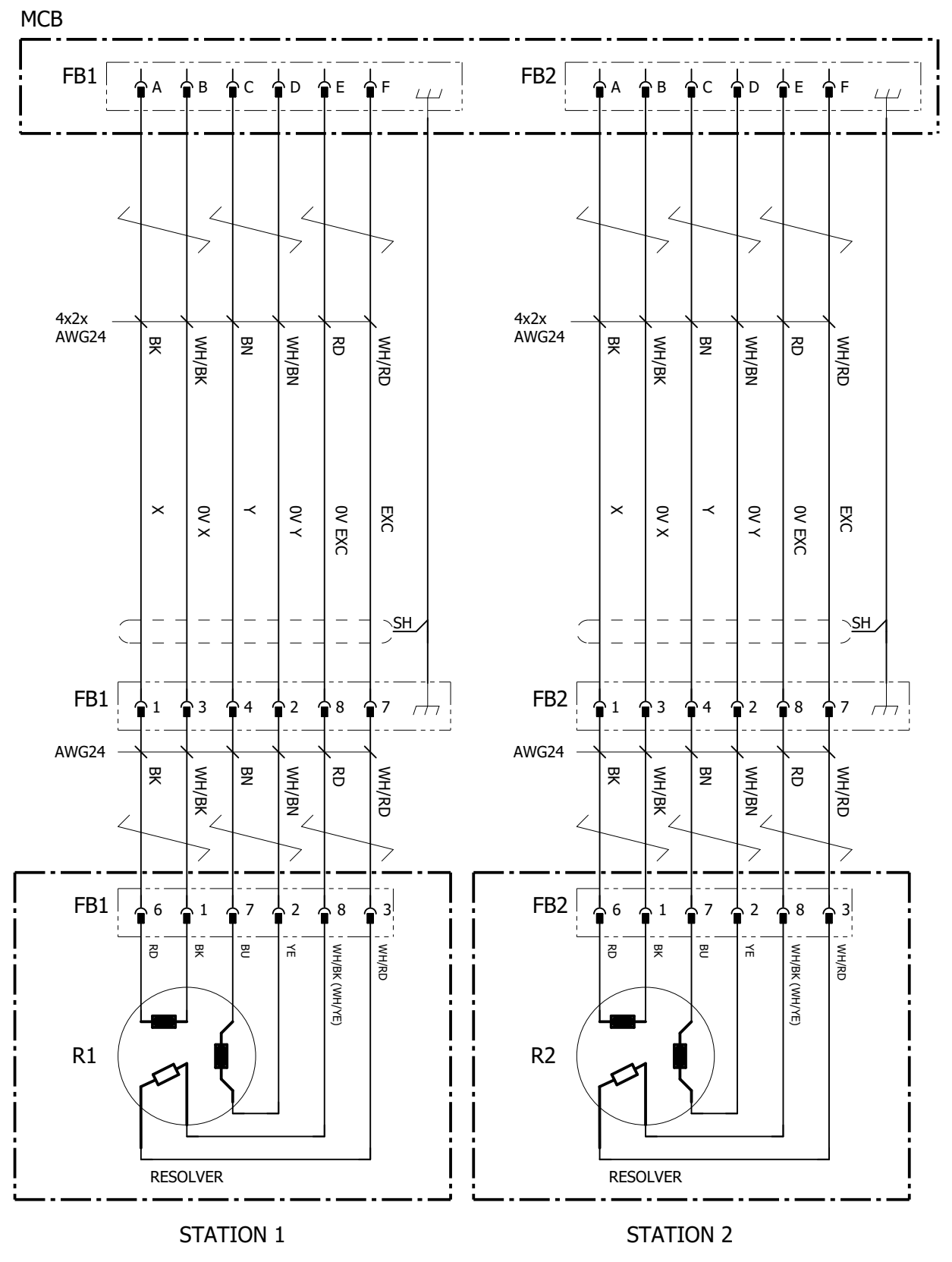
Page 20
Next 30
Total 10

We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright ABB



CONNECTION ONLY WITH MTD 5000

SEE ELECTRICAL DRAWINGS FOR MCB 3HAC088150-001



Latest revision:
ECO 500000131589
New

Prepared by, date: J POKORNÁ 240517 Approved by, date: P SVOBODA 240517



Lab/Office:
RA/RDP

CIRCUIT DIAGRAM IRP L
RESOLVERS

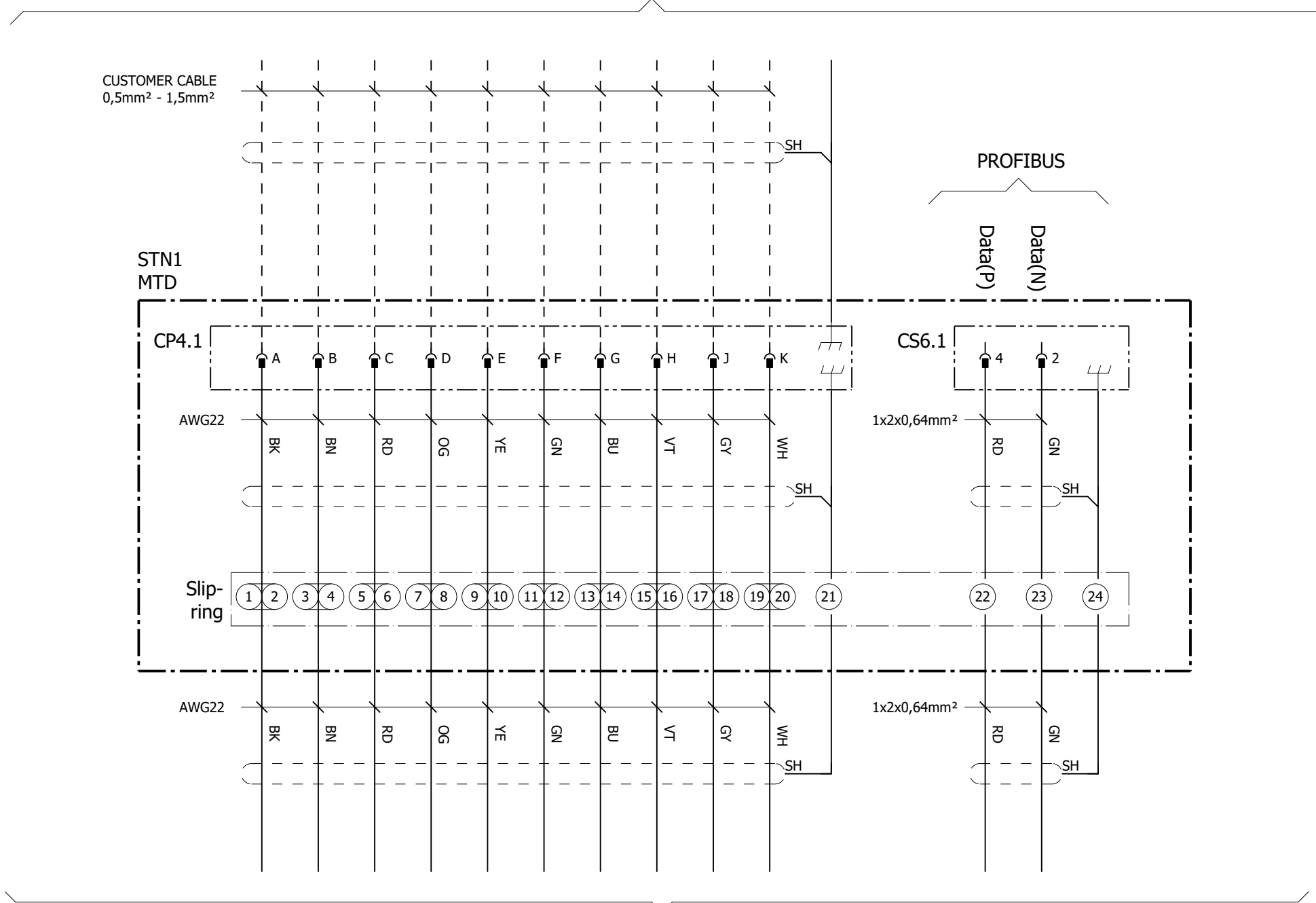
Status:
Approved

Plant: =
Location: +
Sublocation: +

Document no.
3HAC091012-002

Rev. Ind	Page 30
00	Next 40
	Total 10

CUSTOMER CONNECTION



CUSTOMER CONNECTION STATION 1

Latest revision:
ECO 500000131589
New

Prepared by, date: J POKORNÁ 240517

Approved by, date: P SVOBODA 240517



Lab/Office:
RA/RDP

CIRCUIT DIAGRAM IRP L
OPTION SLIPRING DEVICE,
STATION 1

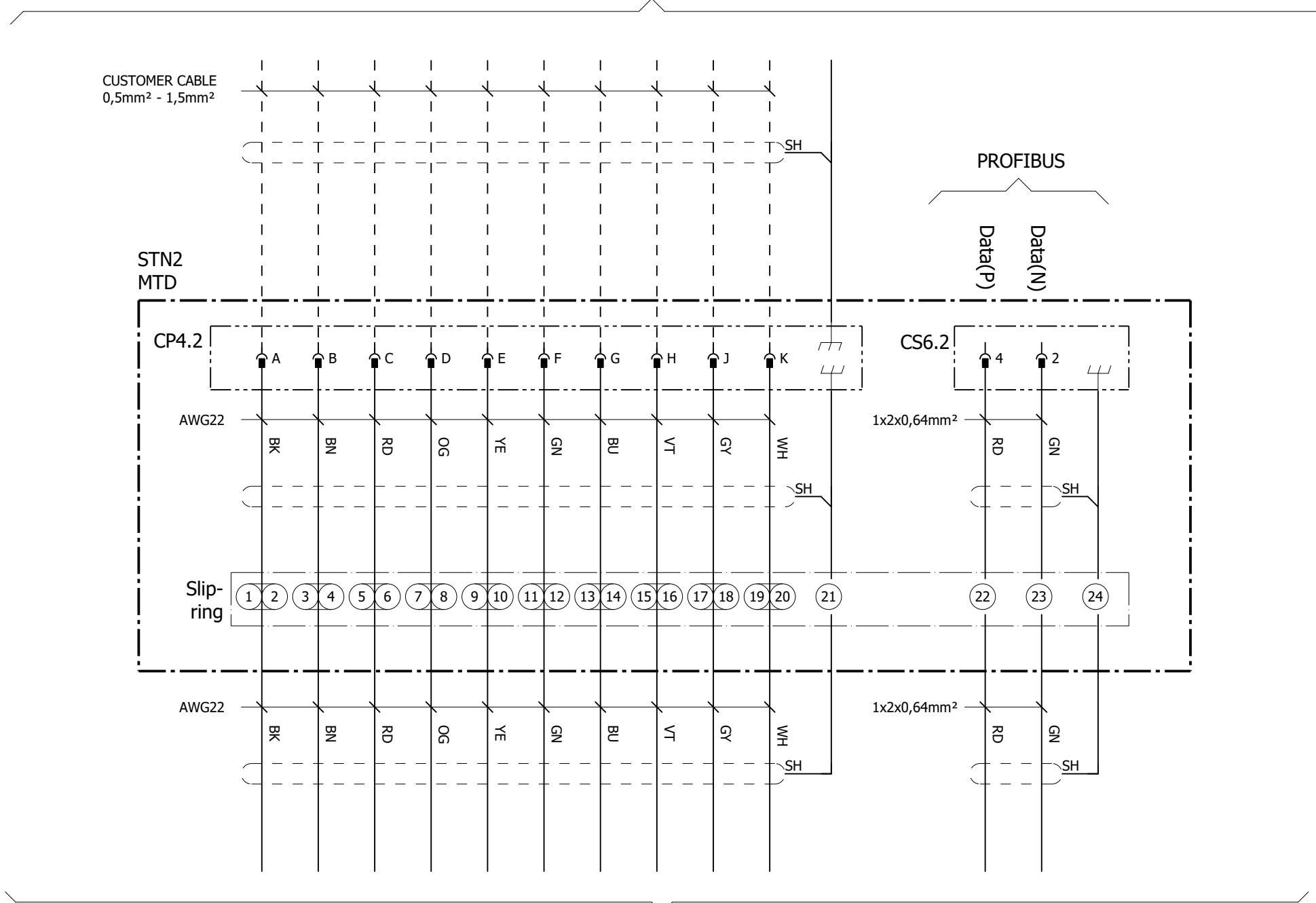
Status:
Approved

Plant: =
Location: +
Sublocation: +

Document no.
3HAC091012-002

Rev. Ind Page 40
00 Next 50
Total 10

CUSTOMER CONNECTION



CUSTOMER CONNECTION STATION 2

Latest revision:
ECO 500000131589
New

Prepared by, date: J POKORNÁ 240517

Approved by, date: P SVOBODA 240517



Lab/Office:
RA/RDP

CIRCUIT DIAGRAM IRP L
OPTION SLIPRING DEVICE,
STATION 2

Status:
Approved

Plant: =
Location: +
Sublocation: +

Document no.
3HAC091012-002

Rev. Ind Page 50
00 Next
Total 10