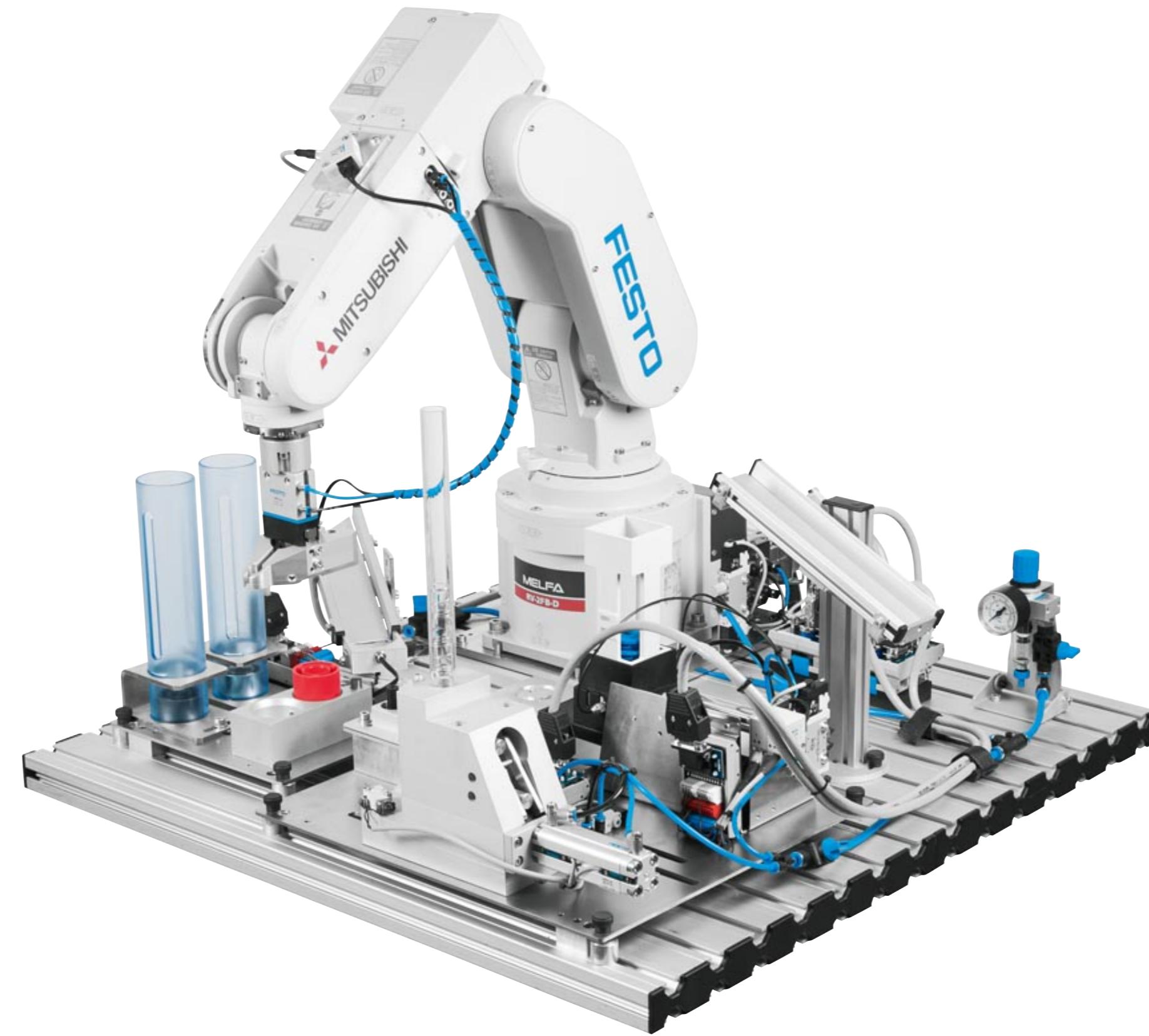


Schaltungsunterlagen / Circuit diagrams

System MPS®
 MPS® Station Roboter
 MPS® Robot station



Diese Zeichnung ist Eigentum der Festo Didactic SE

<<

Datum	21.03.2016
Bearb.	muse
Gepr.	
Ze.Nr.	

Festo Didactic SE
 Rechbergstraße 3
 D-73770 Denkendorf

FESTO

Titelblatt

Title page

DPJ VN
 Roboter MO HA

8038848

Robot station with modules

>>

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FD01MPS 05/2005

MPS-D_Station_Roboter

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<< 1

Datum 12.06.2017

Bearb. muse

Gepr. D-73770 Denkendorf



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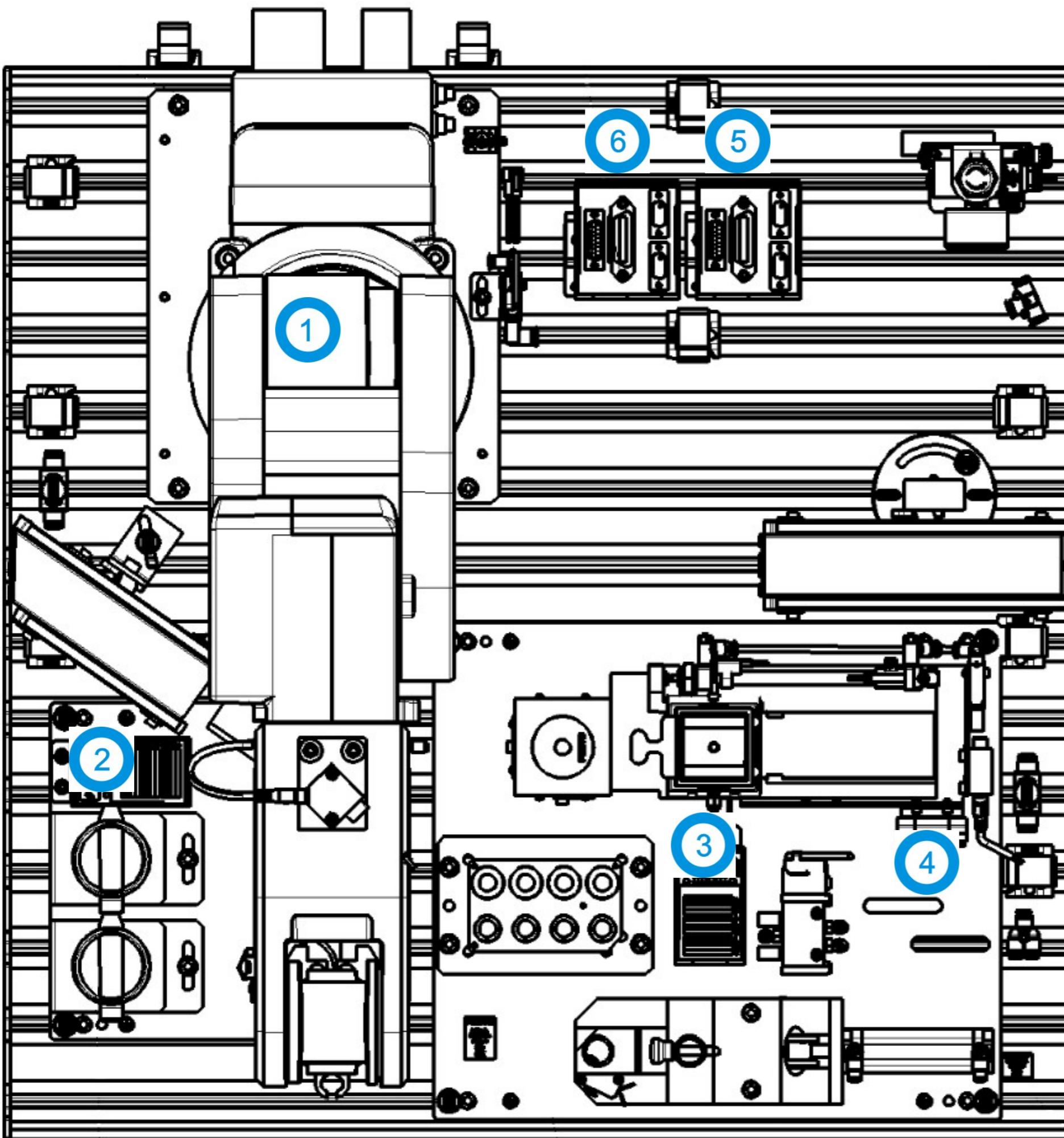
8038848

DPJ VN
Roboter MO HA

Robot station with modules

S

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- 1** Roboter -HL1
Robot -HL1
- 2** Modul Roboterhandling -U1
Robot handling module -U1
- 3** Modul Robotermontage Federmagazin -C1
Robot assembly module spring magazine -C1
- 4** Modul Robotermontage Deckelmagazin -C2
Robot assembly module cup magazine -C2
- 5** C-Interface H1XG2
C-Interface H1XG2
- 6** C-Interface H1XG3
C-Interface H1XG3

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Datum	21.03.2016
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Festo Didactic SE
Rechbergstraße 3
D-73770 Denkendorf**FESTO**

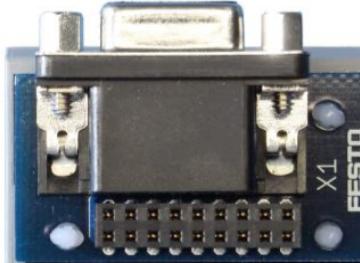
Aufbauplan

8038848

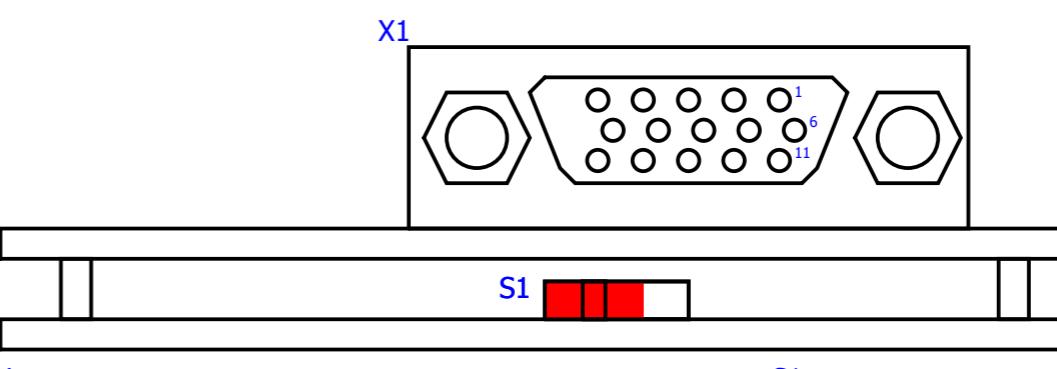
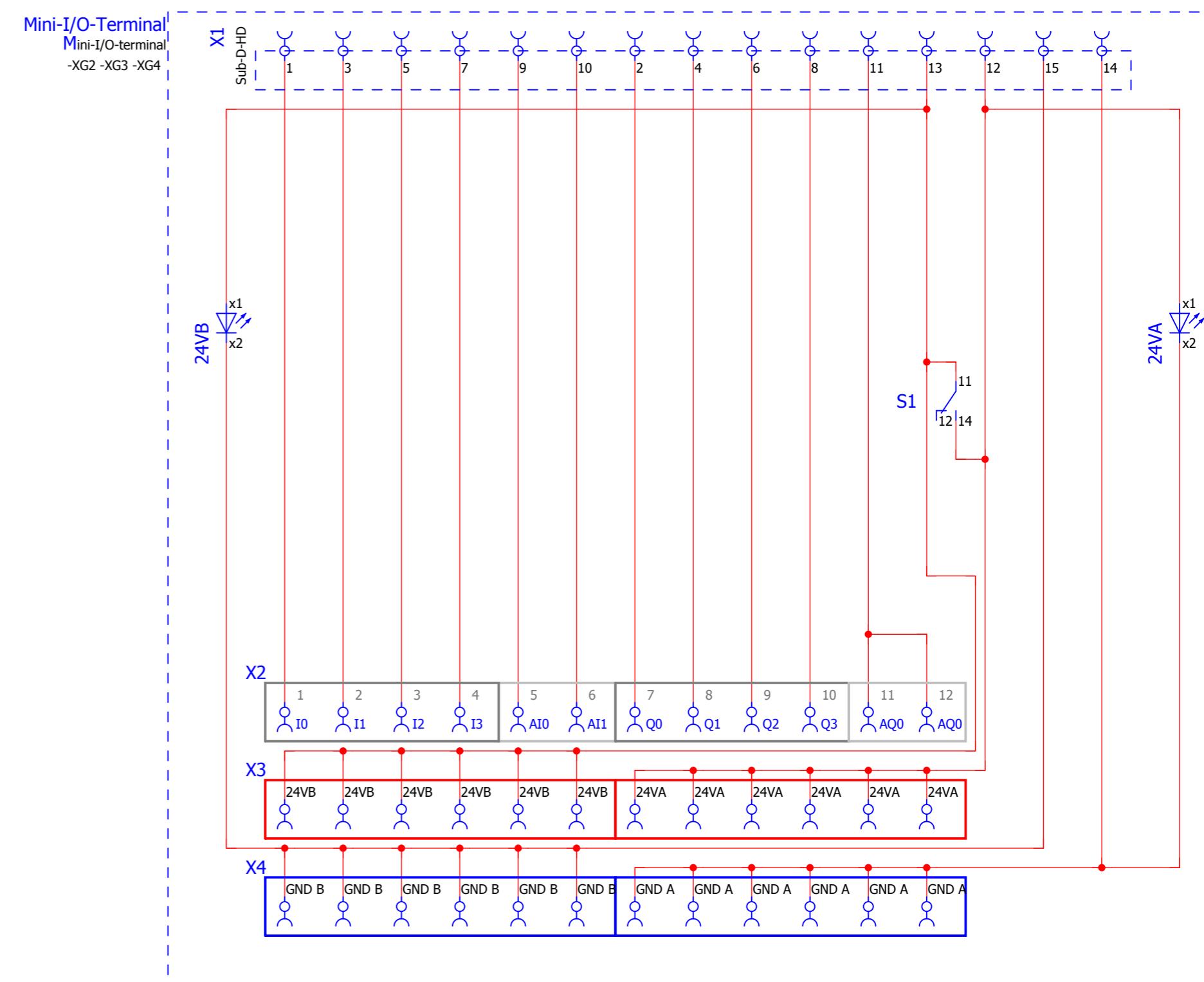
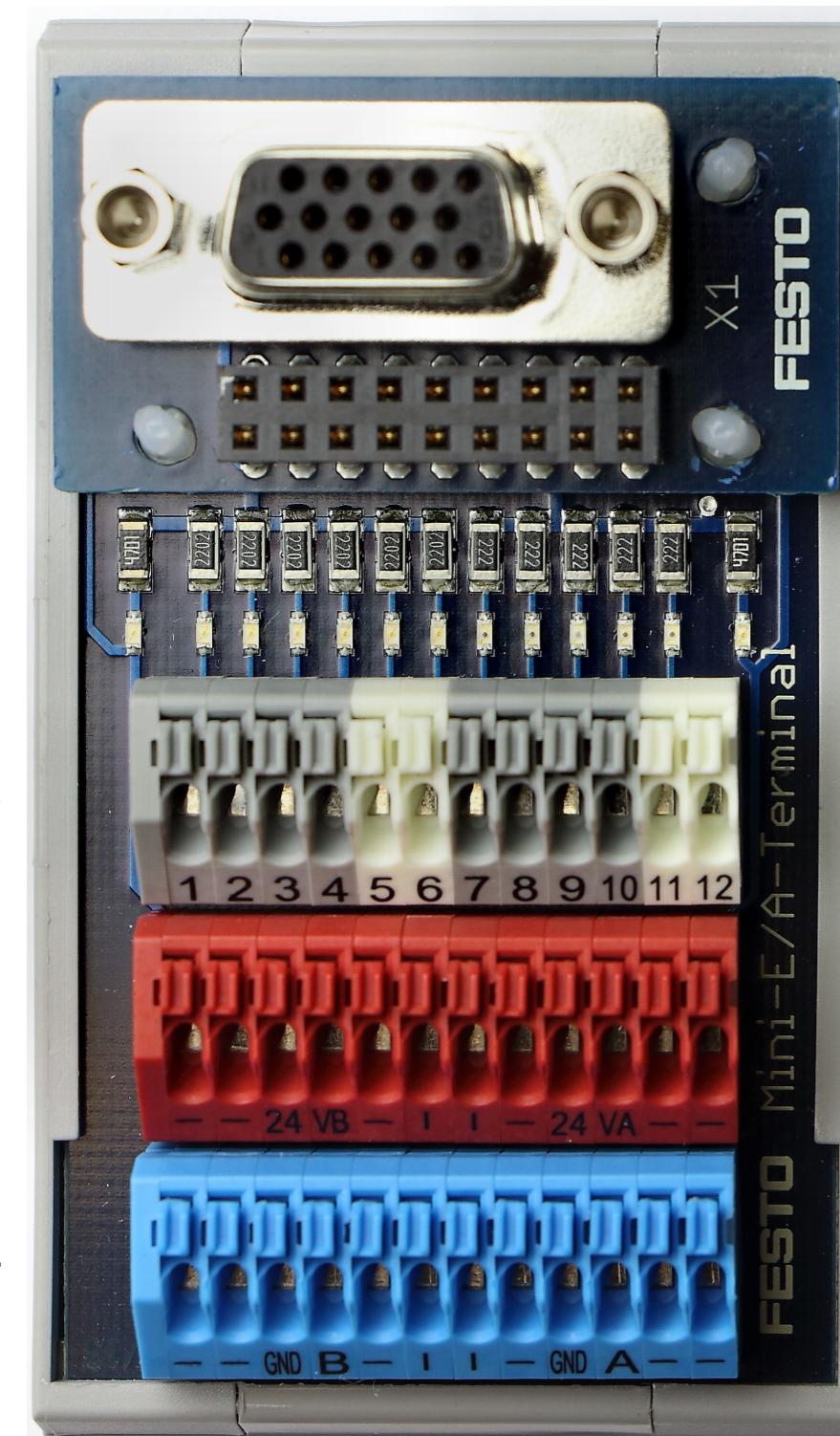
Robot station with modules

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Layout DPJ VN
Roboter MO HASeite 3
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Alternative Baumaß
alternative configuration



S1 [] 24VA & 24VB unterbrochen
24VA & 24VB separated

S1 [] 24VA & 24VB gebrückt
24VA & 24VB bridged

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Datum	12.06.2017
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Ze.Nr.	N: FDMR04E F: WUP0U37506 MPS-D_Station_Roboter

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Mini-I/O-Terminal

Mini-I/O-terminal

8038848

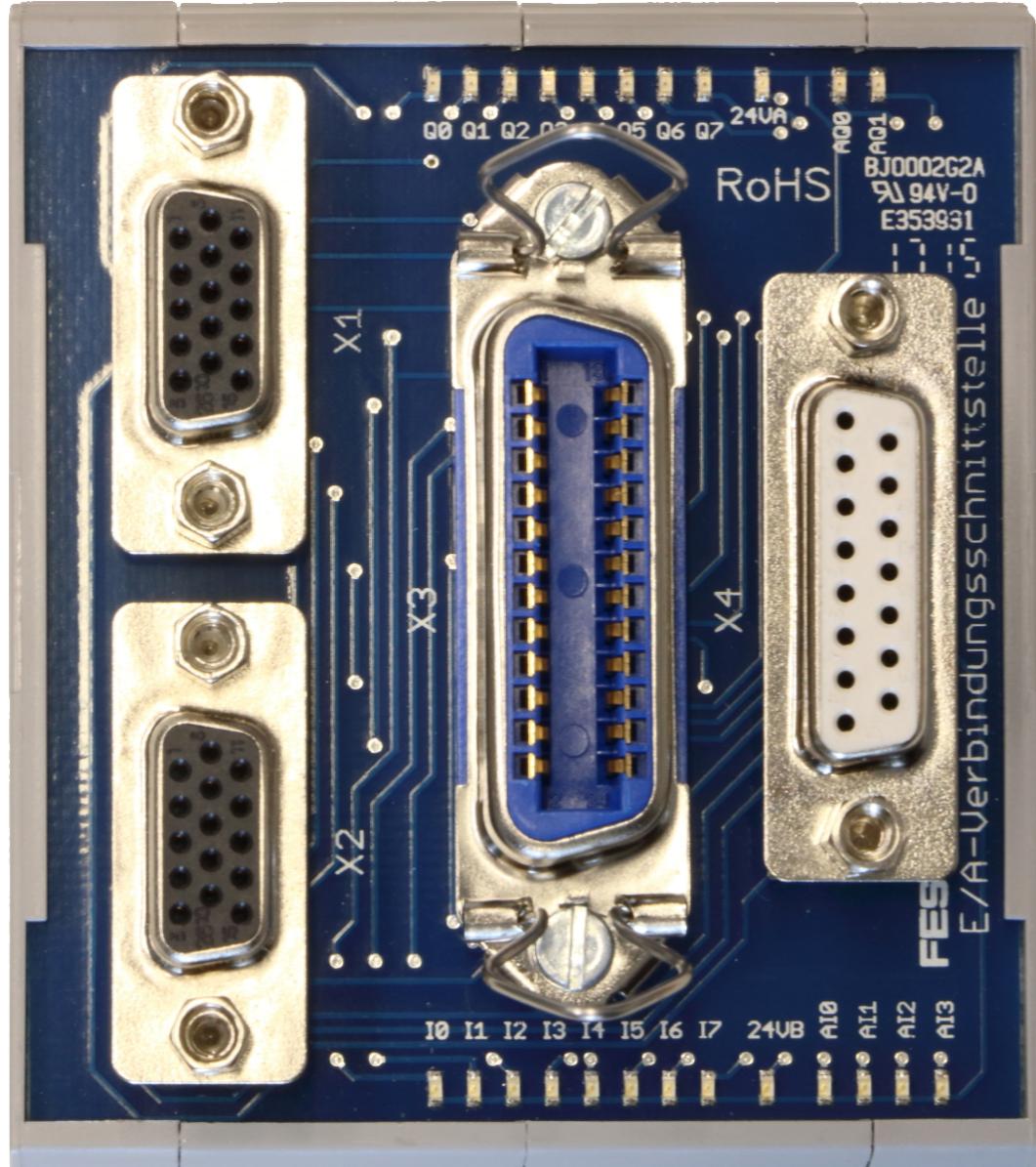
DPJ

VN
Roboter MO HA

Robot station with modules

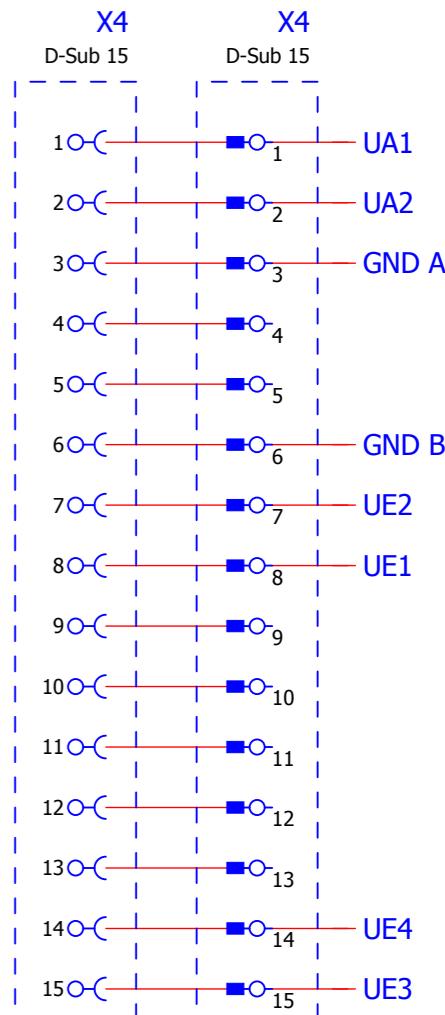
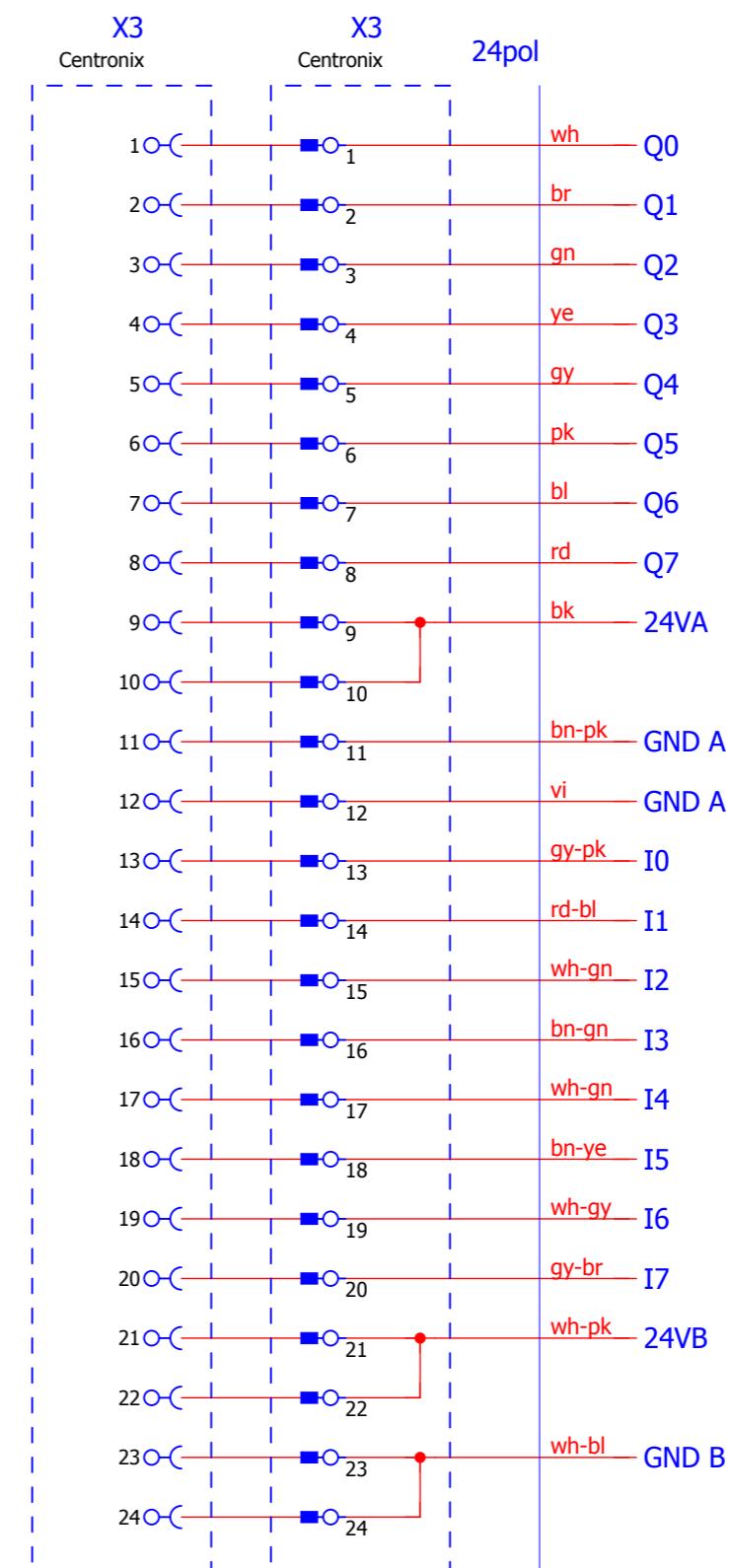
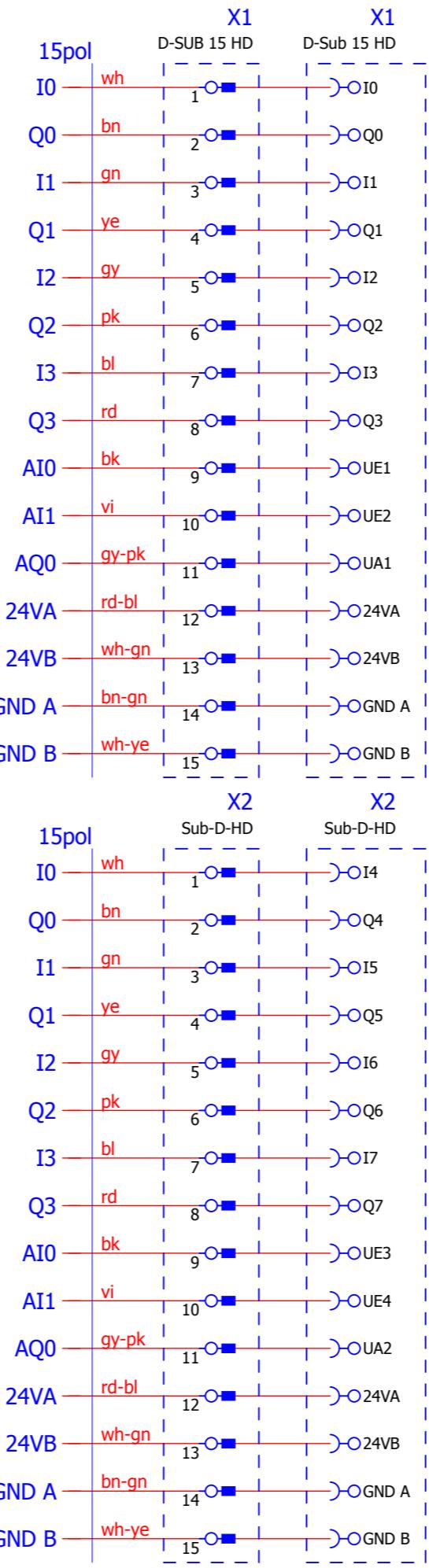
5 >>

Diese Zeichnung ist Eigentum der Festo Didactic SE



C-Interface

C-Interface



<< 4

Datum 22.03.2016

Festo Didactic SE
Rechbergstraße 3
D-73770 Denkendorf

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C-Interface -H1XG1

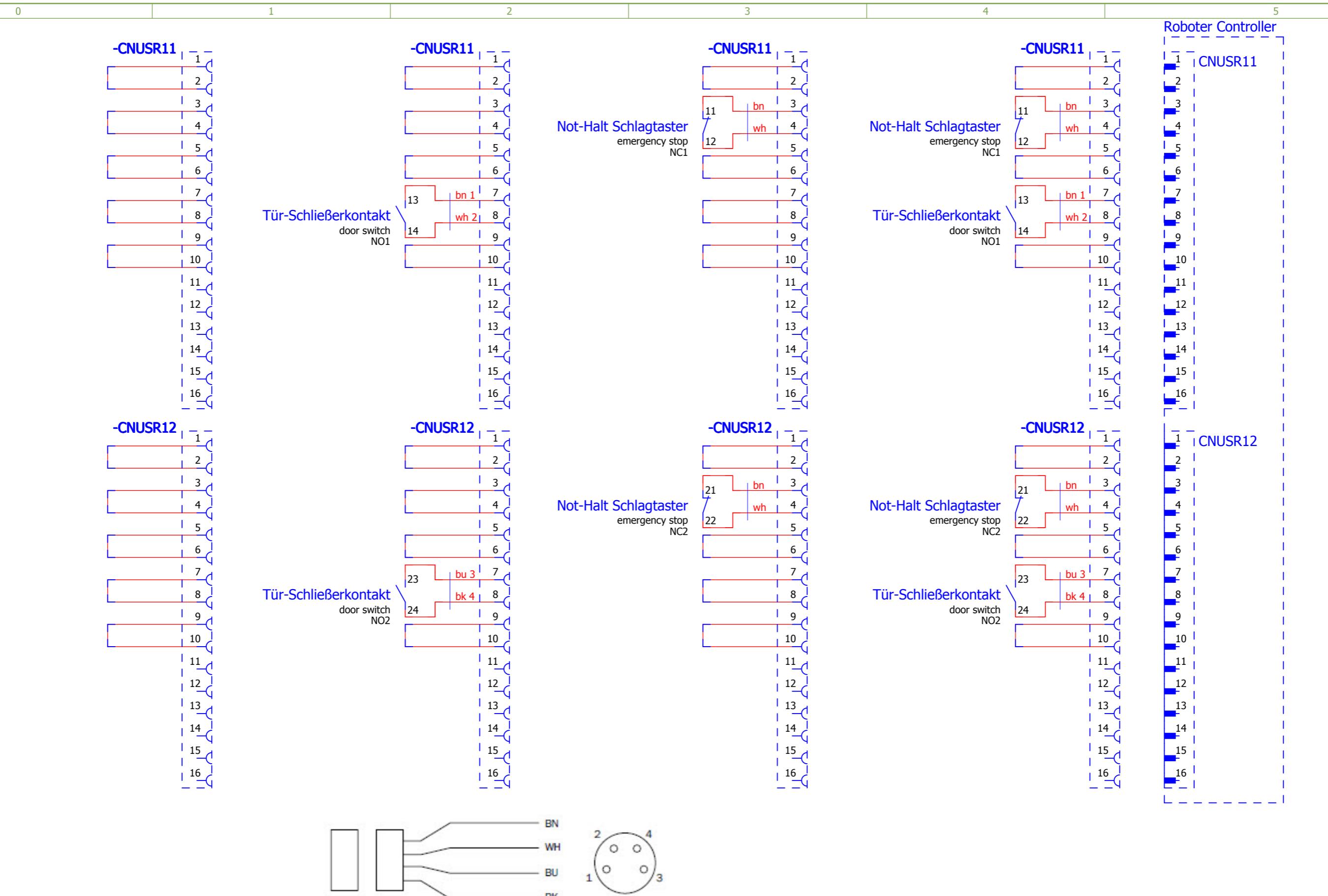
C-Interface -H1XG1

8038848

DPJ VN
Roboter MO HA

Robot station with modules

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Station Roboter 8038039
ohne Umhausung (Türschalter)
ohne Bedienfeld (Not-Halt)

Robot station 8038039
without housing (door switch)
without control panel (emergency stop)

Station Roboter 8039312
mit Umhausung (Türschalter)
ohne Bedienfeld (Not-Halt)

Robot station 8039312
with housing (door switch)
without control panel (emergency stop)

Station Roboter 8038848
ohne Umhausung (Türschalter)
mit Bedienfeld (Not-Halt)

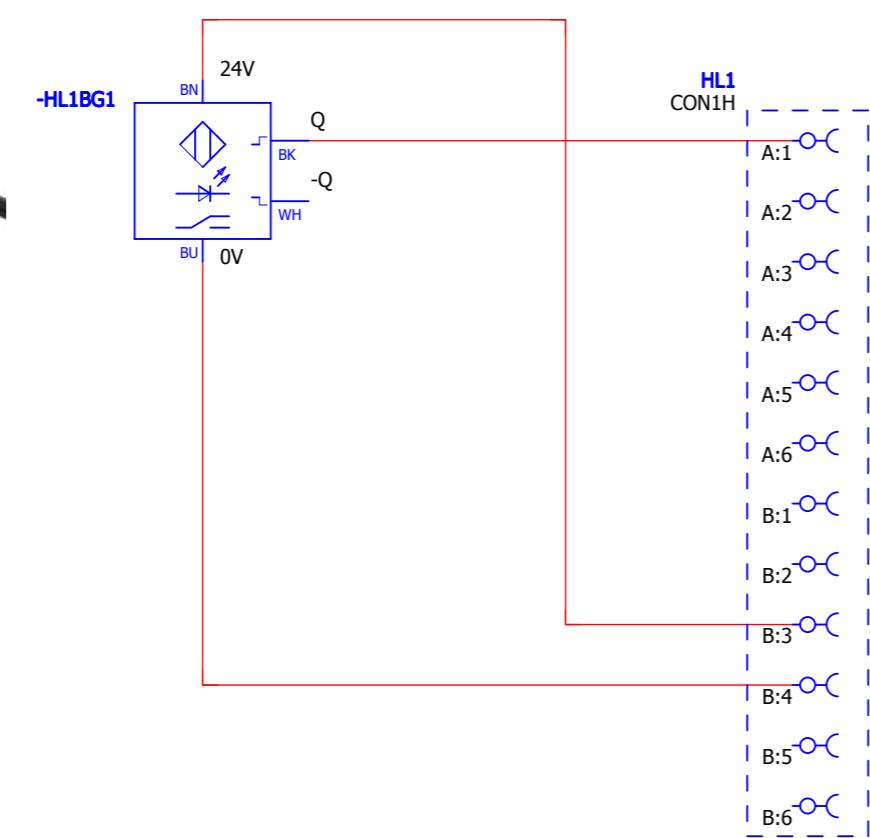
Robot station 8038848
without housing (door switch) with
control panel (emergency stop)

Station Roboter 8039313
mit Umhausung (Türschalter)
mit Bedienfeld (Not-Halt)

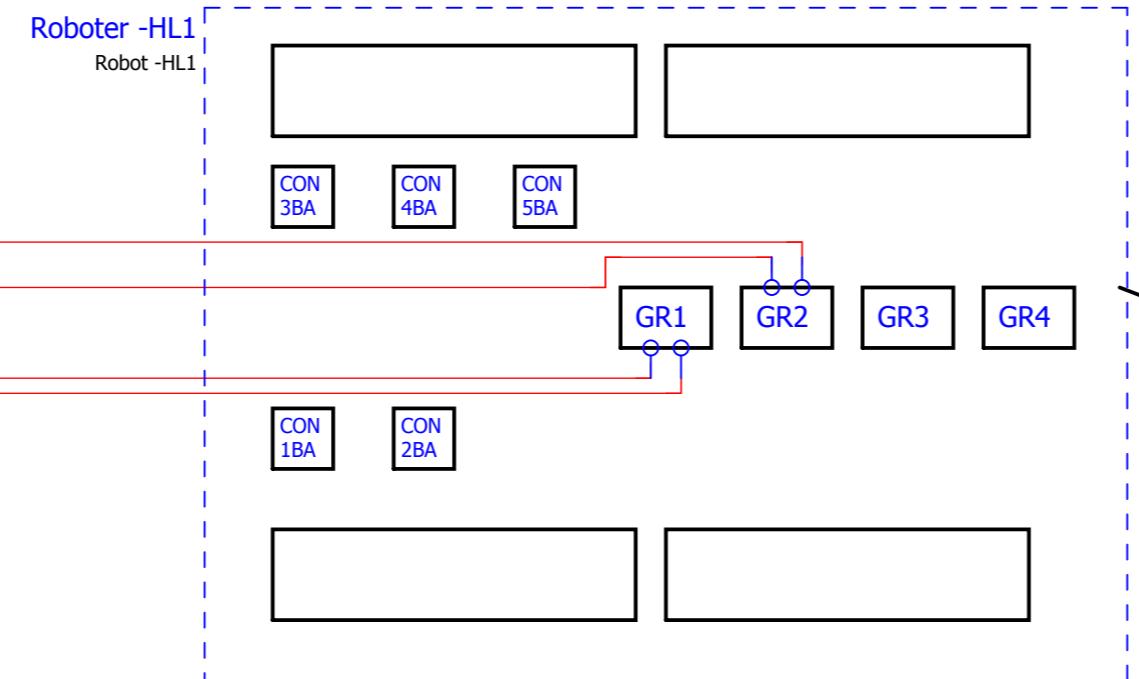
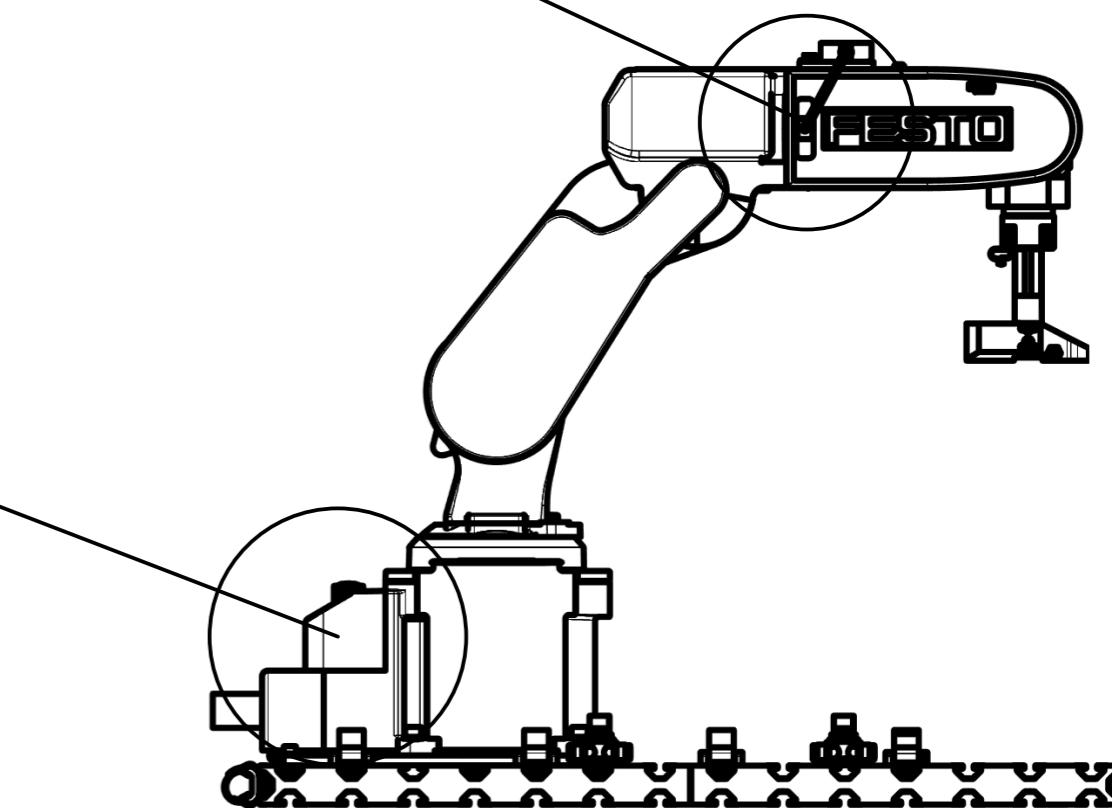
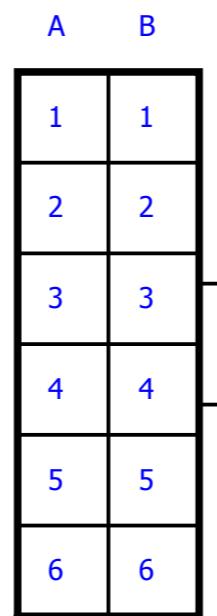
Robot station 8039313
with housing (door switch)
with control panel (emergency stop)



Greifersensor



Gripper sensor



Greiferventil

Gripper valve

<< 6

Datum 21.03.2016

Bearb. muse

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Ze.Nr.

Festo Didactic SE
Rechbergstraße 3
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MPS® Station Roboter - Greifer -H1

MPS® Robot station - gripper -H1

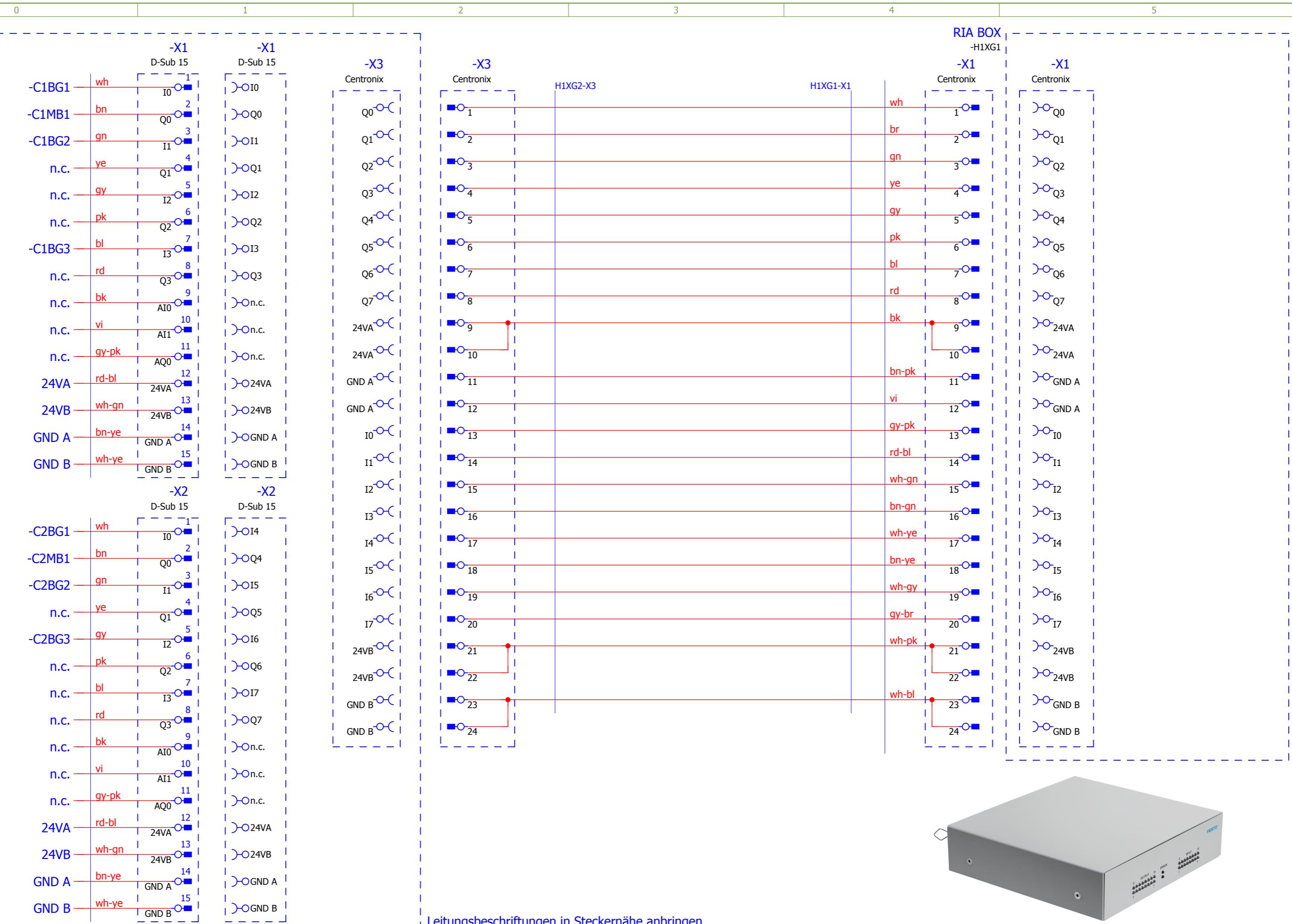
8038848

DPJ VN
Roboter MO HA

Robot station with modules

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Datum	29.05.2017
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Ze.Nr.	N: FDMR04E F: WUP0U37506 MPS-D_Station_Roboter



MPS® Station Roboter -H1XG2 -H1XG3

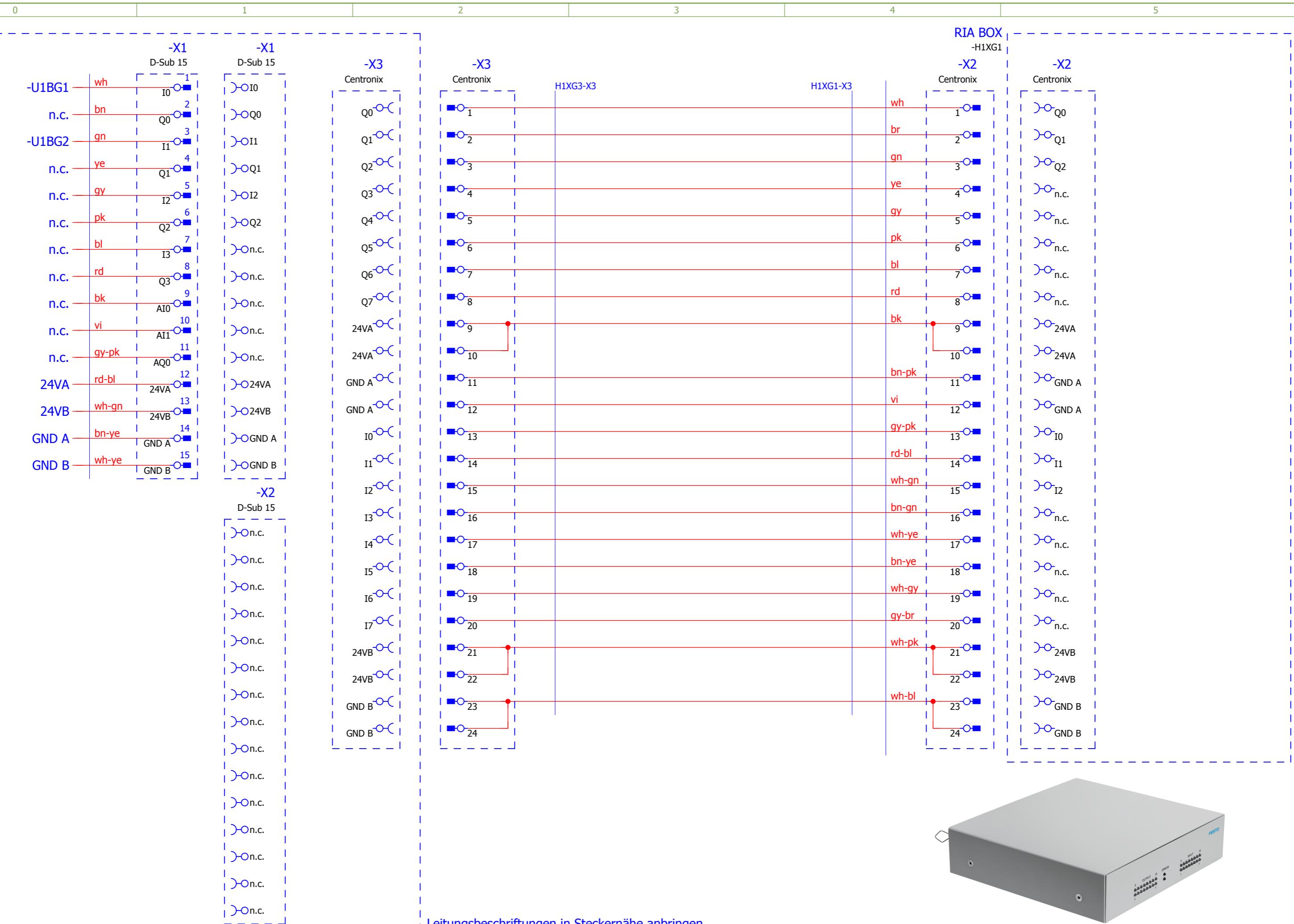
8038848

Robot station with modules

MPS® Robot station -H1XG2 -H1XG3

DPJ VN
Roboter MO HA

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Datum	29.05.2017
Bearb.	muse
Gepr.	
Ze.Nr.	N: FDMR04E F: WUP0U37506 MPS-D_Station_Roboter



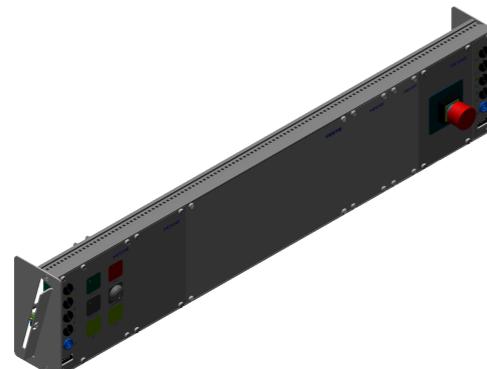
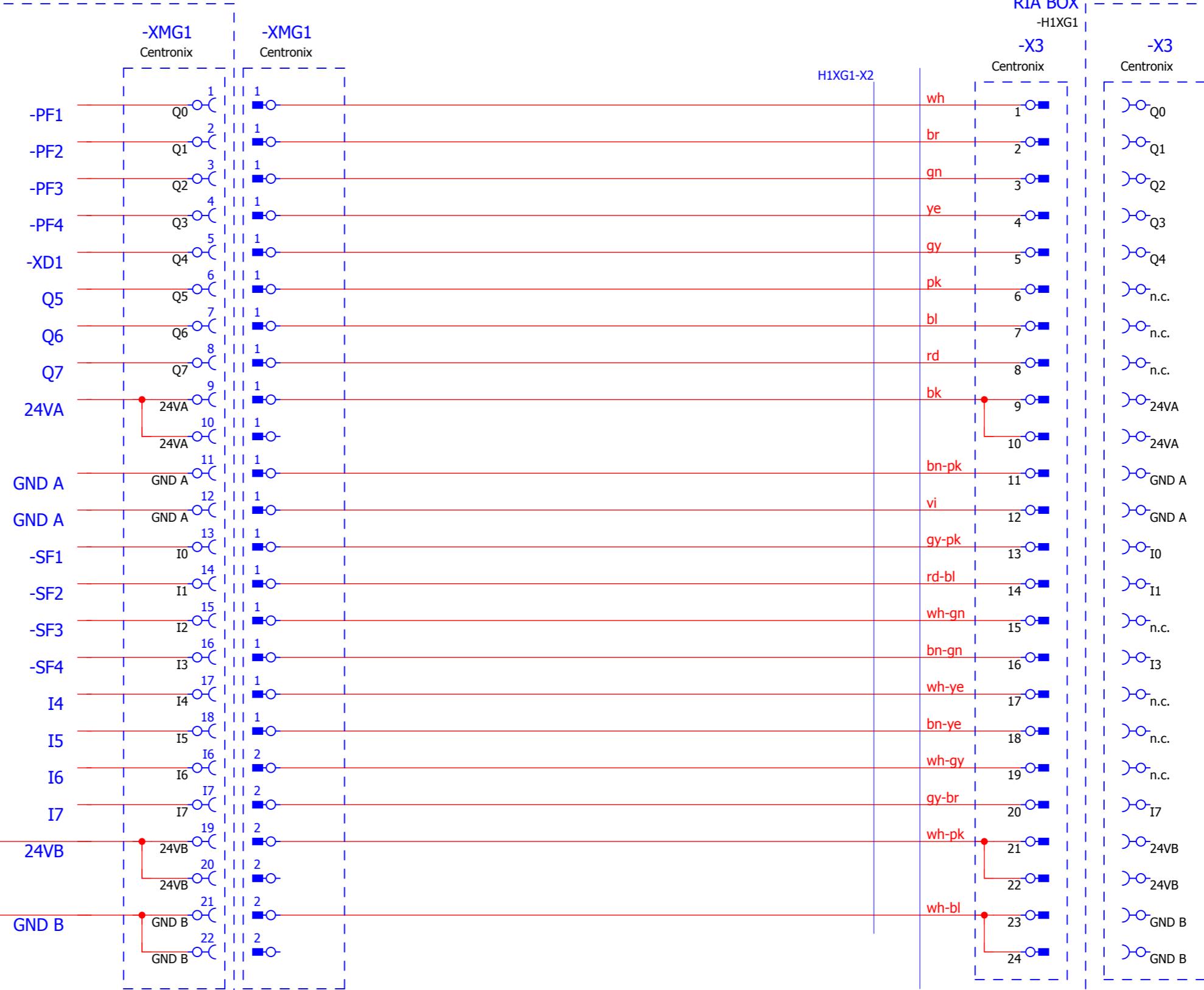
MPS® Station Roboter -H1XG2 -H1XG3
MPS® Robot station -H1XG2 -H1XG3

8038848
DPJ VN
Roboter MO HA

Robot station with modules

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0 1 2 3 4 5

Bedienpult
Control console

<< 9

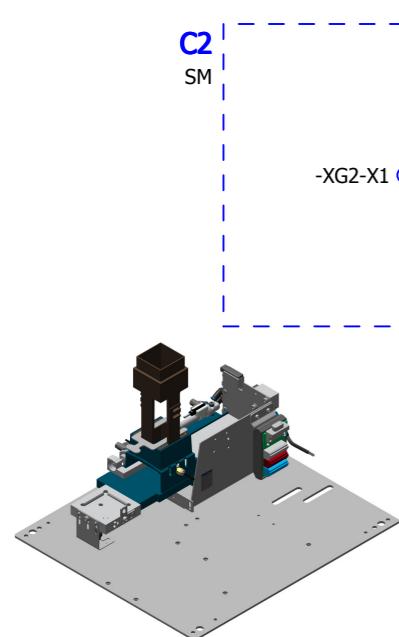
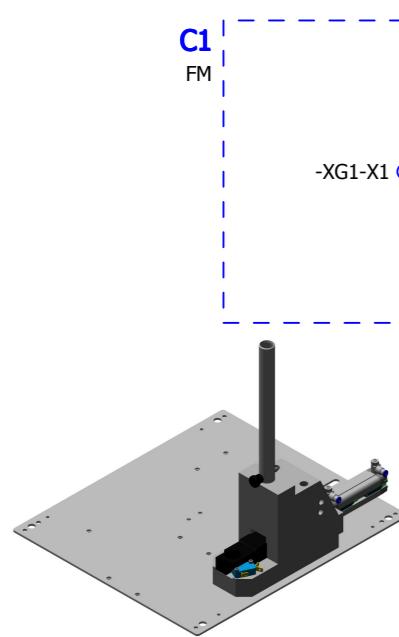
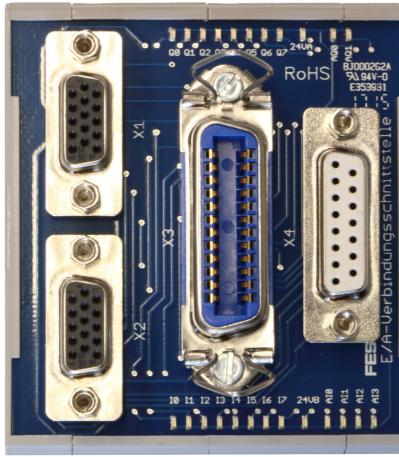
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Bearb.	muse
Gepr.	
Ze.Nr.	

Festo Didactic SE
Rechbergstraße 3
D-73770 Denkendorf**FESTO**MPS® Station Roboter - Bedienpult
MPS® Robot station - control console8038848
DPJ VN
Roboter MO HA

Robot station with modules

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von 18



-H1XG2

C-Interface
C-Interface

D-Sub 15 HD

X1

C1

FM

-XG1-X1

-C1XG1-X1

-H1XG2-X1

D-Sub 15 HD

X2

C2

SM

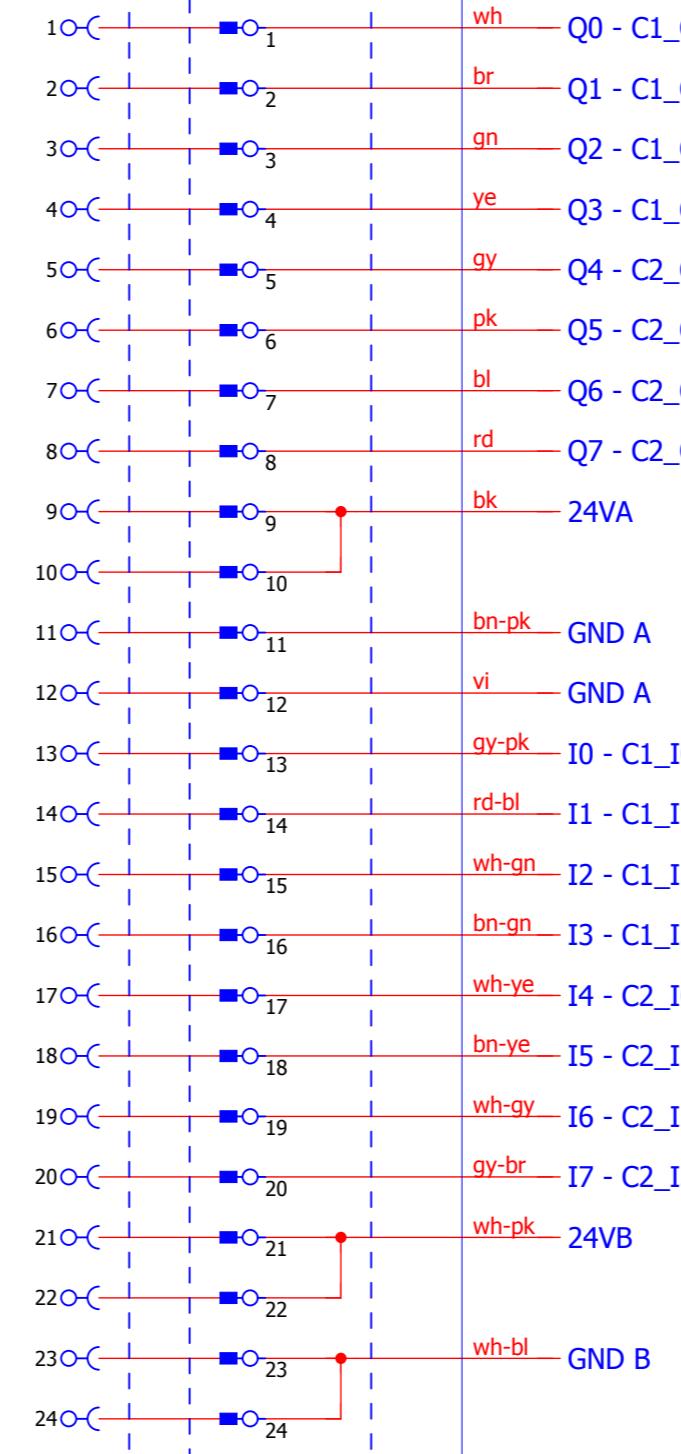
-XG2-X1

-C2XG1-X1

-H1XG2-X2

X3

Centronix

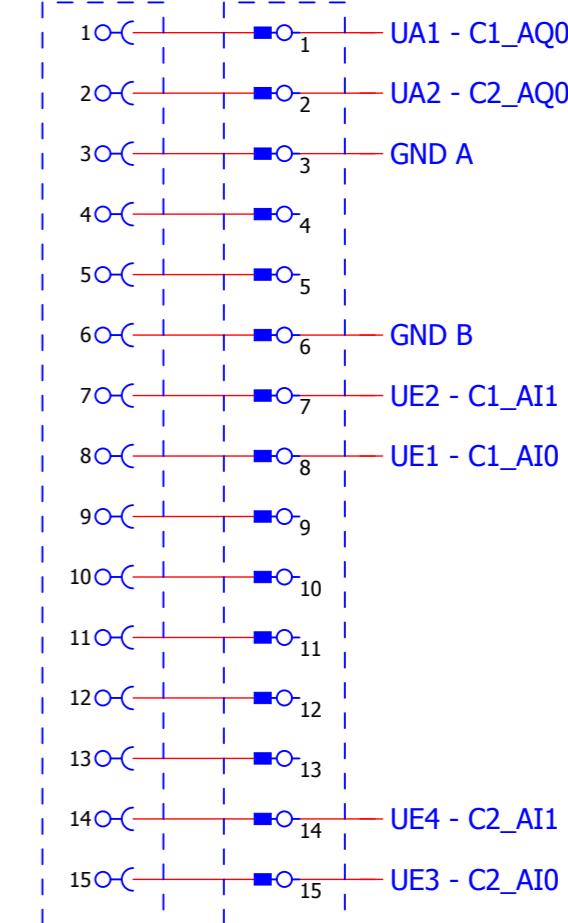


X4

D-Sub 15

X4

D-Sub 15



Leitungsbeschriftungen in Steckernähe anbringen

<< 10

Datum 12.06.2017

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Gepr.

Ze.Nr.

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MPS® Station Roboter - ROMO -H1XG2

MPS® Robot station - ROMO -H1XG2

8038848

DPJ

VN

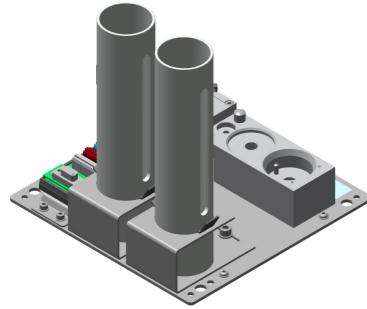
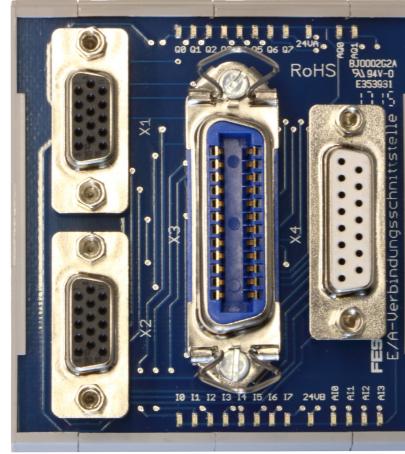
Roboter MO HA

Robot station with modules

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-H1XG3
C-Interface
C-Interface

U1
AN

-XG3-X1

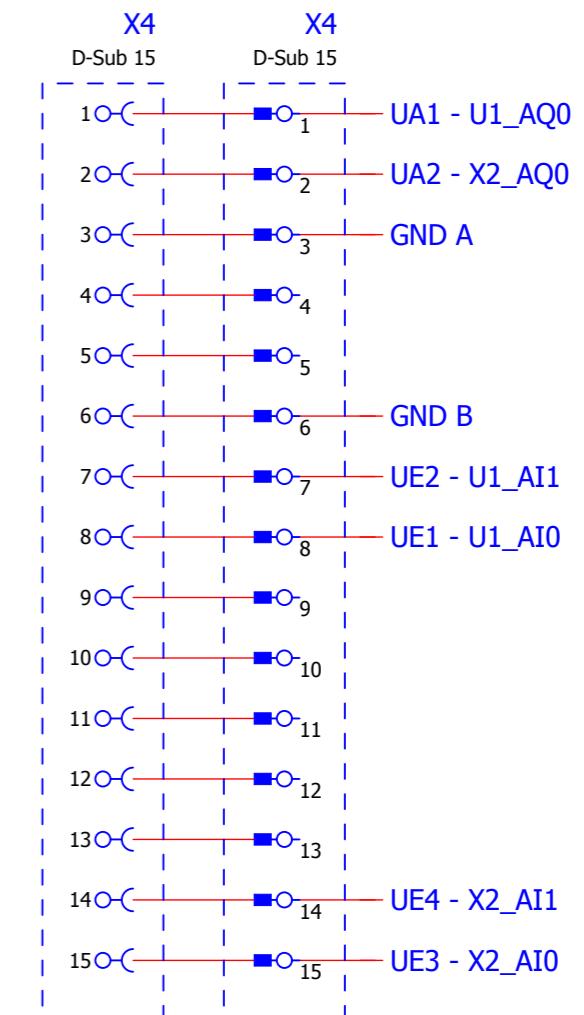
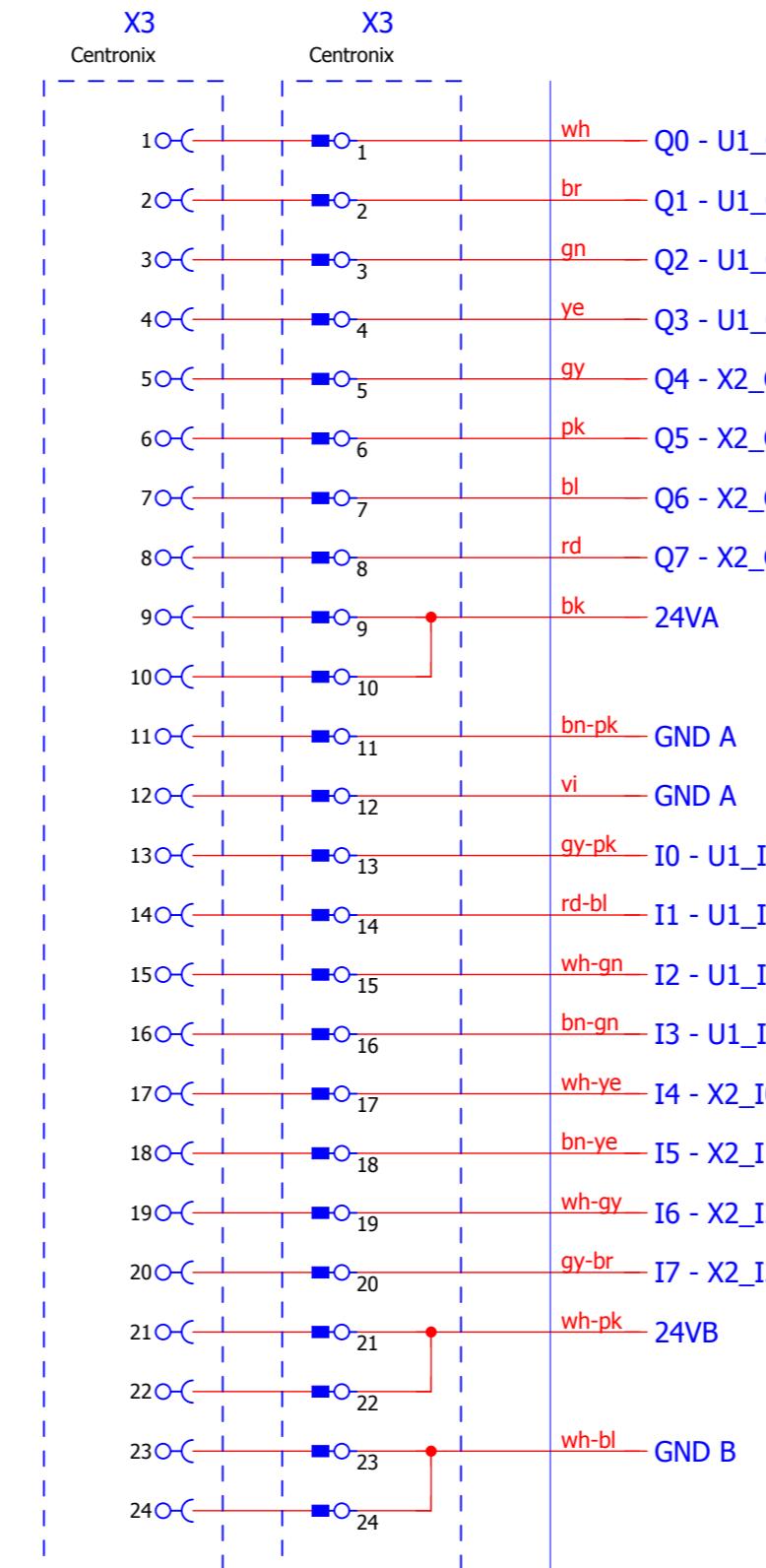
-U1XG1-X1

-H1XG3-X1

D-Sub 15 HD

X2
D-Sub 15 HD

X1
D-Sub 15 HD



Leitungsbeschriftungen in Steckernähe anbringen

<< 11

Datum 12.06.2017

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Ze.Nr.

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MPS® Station Roboter - ROHA -H1XG3

MPS® Robot station - ROHA -H1XG3

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DPJ VN
Roboter MO HA

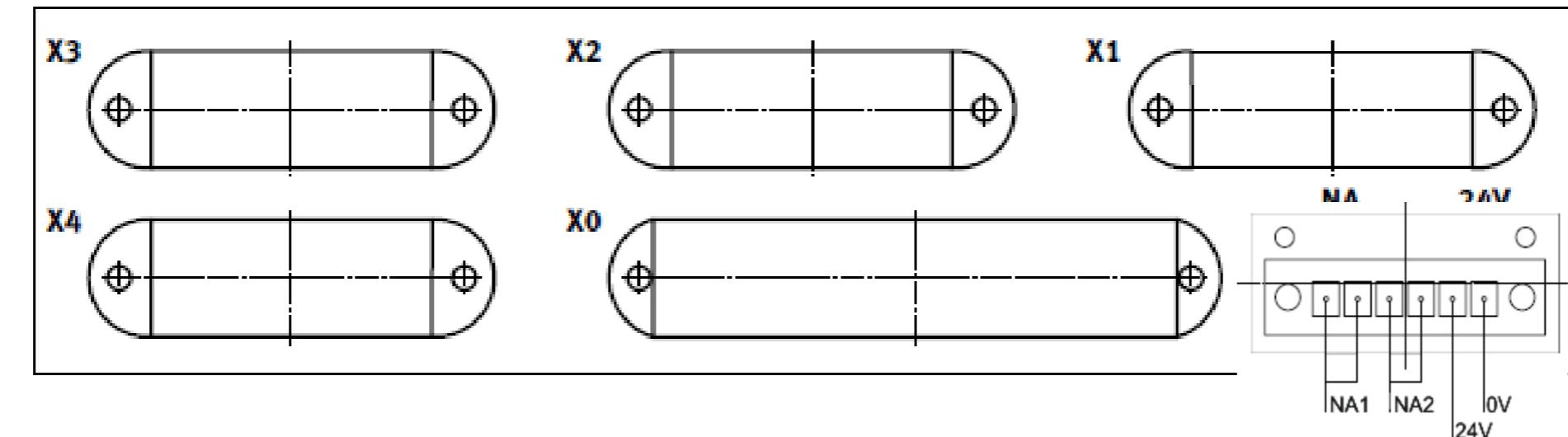
Robot station with modules

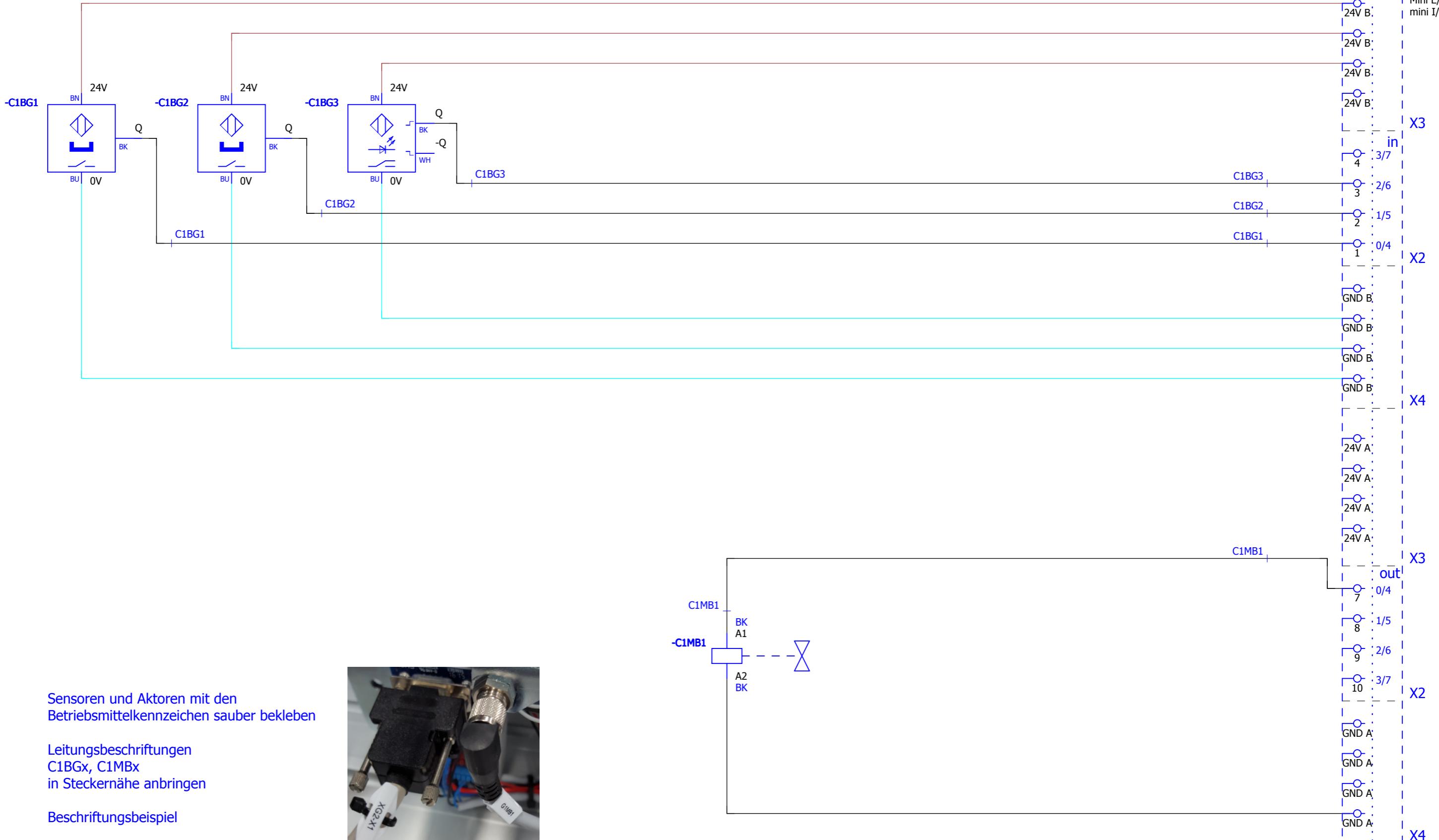
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X0		X1		X2		X3	
Input	Pin	Input	Pin	Input	Pin	Input	Pin
I0	15	n.c.		n.c.		n.c.	
I1	16			I0	13		
I2	17			I1	14		
I3	18					I0	13
I4	19					I1	14
I5	20					I3	16
I6	21			I2	15		
I7	22					I7	20
I8	40	I0	13				
I9	41	I1	14				
I10	42	I2	15				
I11	43	I3	16				
I12	44	I4	17				
I13	45	I5	18				
I14	46	I6	19				
I15	47	I7	20				

X0		X1		X2		X3	
Output	Pin	Output	Pin	Output	Pin	Output	Pin
Q0	4					Q0	1
Q1	5					Q1	2
Q2	6					Q2	3
Q3	7					Q3	4
Q4	29					Q4	5
Q5	30			Q0	1		
Q6	31			Q1	2		
Q7	32			Q2	3		
Q8	10	Q0	1				
Q9	11	Q1	2				
Q10	12	Q2	3				
Q11	13	Q3	4				
Q12	35	Q4	5				
Q13	36	Q5	6				
Q14	37	Q6	7				
Q15	38	Q7	8				





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Datum 12.06.2017

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Festo Didactic SE
Rechbergstraße 3
D-73770 Denkendorf

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Modul Robotermontage digital Feder -C1
Robot assembly module digital spring -C1

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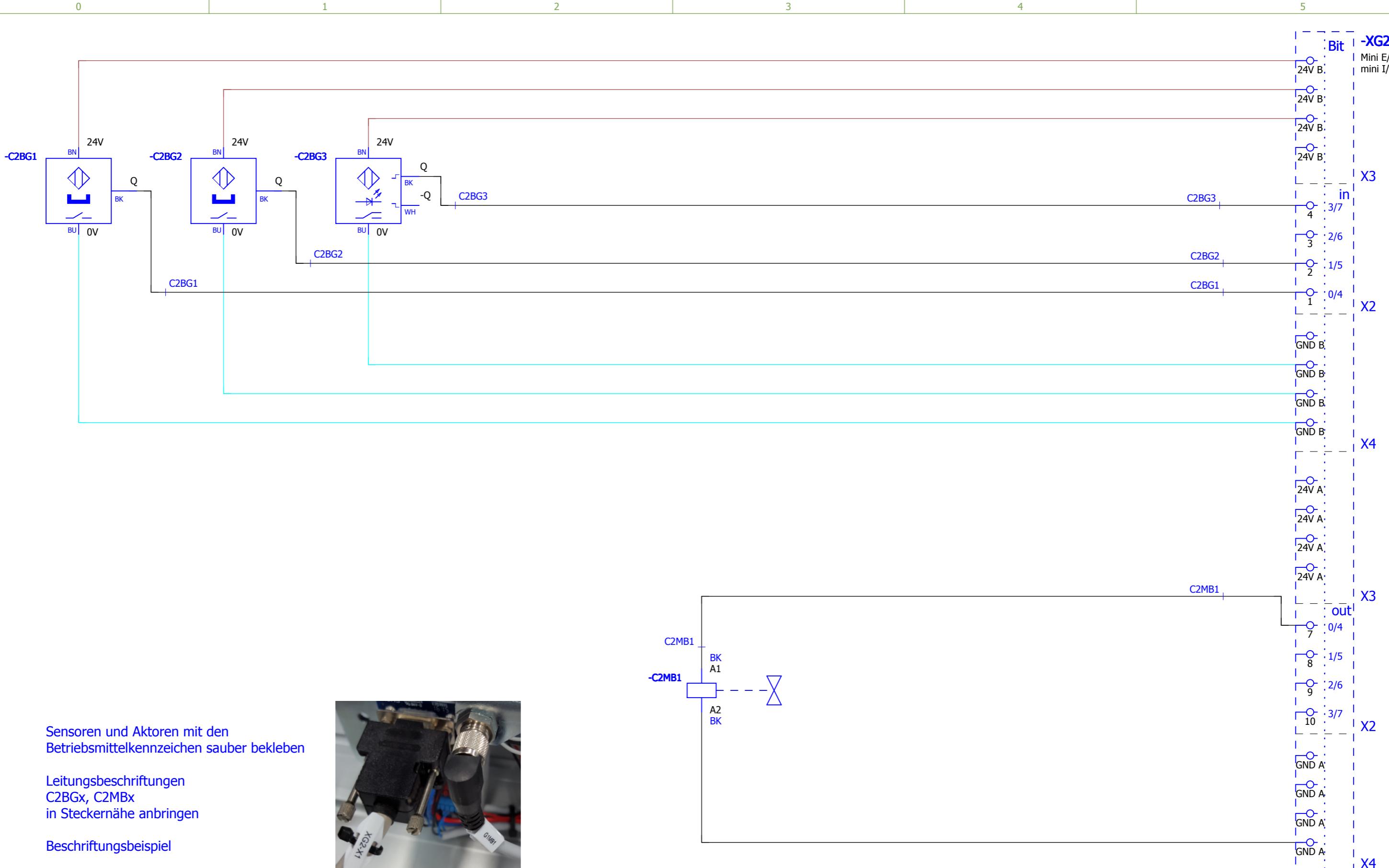
Roboter MO HA

Robot station with modules

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von 18



Sensoren und Aktoren mit den Betriebsmittelkennzeichen sauber bekleben

Leitungsbeschriftungen
C2BGx, C2MBx
in Steckernähe anbringen

Beschriftungsbeispiel



Schieber eingefahren

Schieber ausgefahren

Deckel in Abholposition

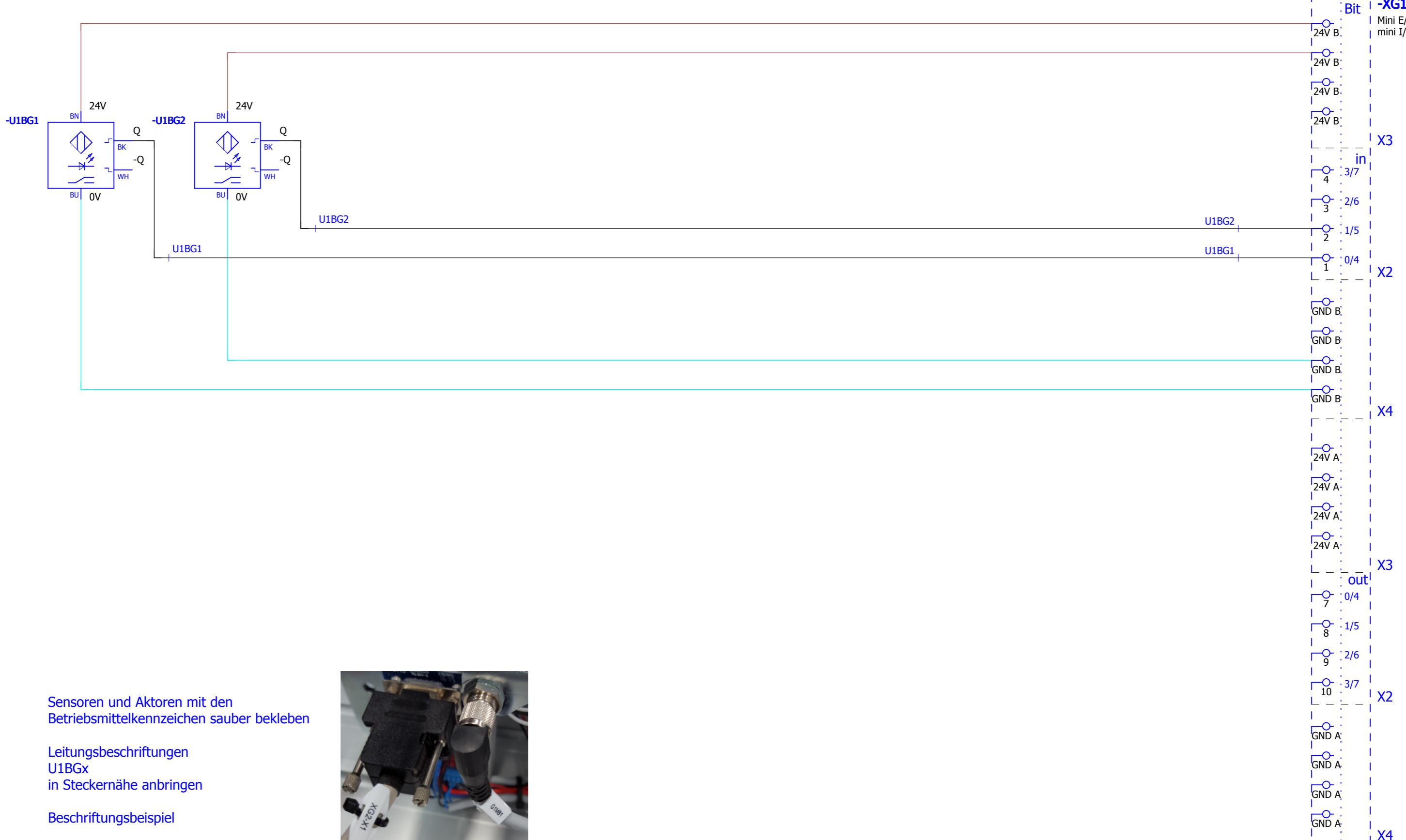
Schieber ausfahren

slide retracted

slide advanced

cup in pick-up position

advance slide



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Festo Didactic SE

Rechbergstraße 3

D-73770 Denkendorf

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Modul Roboterhandling digital -U1

Robot handling module digital -U1

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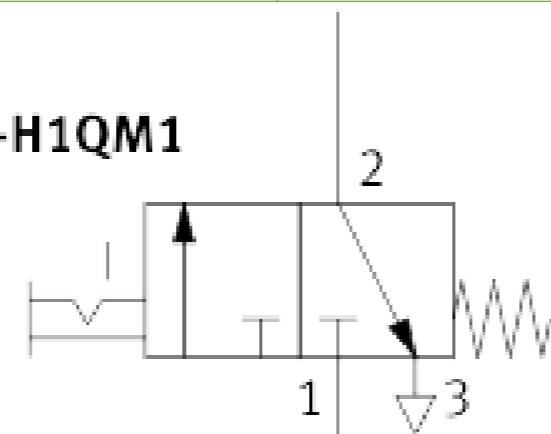
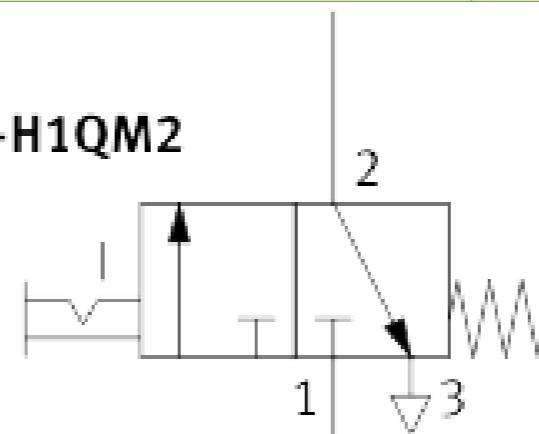
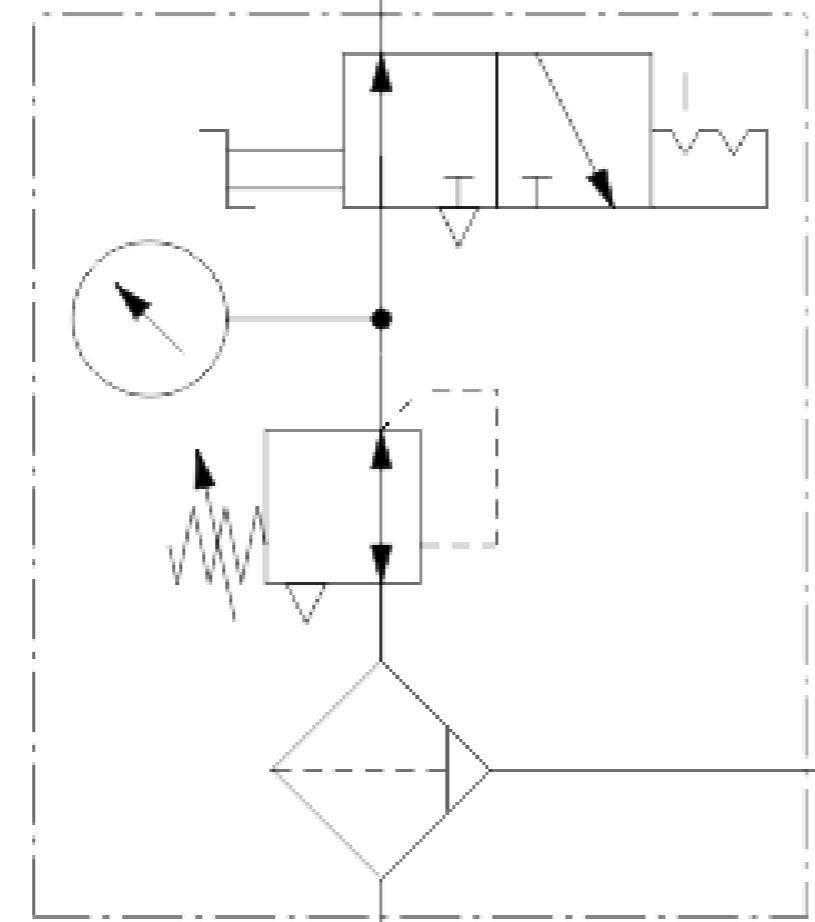
VN

Roboter MO HA

Robot station with modules

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-H1QM1**-H1QM2****-H1AZ1****-H1GQ1**

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Datum 12.06.2017

Bearb. muse

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Ze.Nr.

Festo Didactic SE
Rechbergstraße 3
D-73770 Denkendorf

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Station Roboter Pneumatik -H1

Robot station pneumatics -H1

8038848

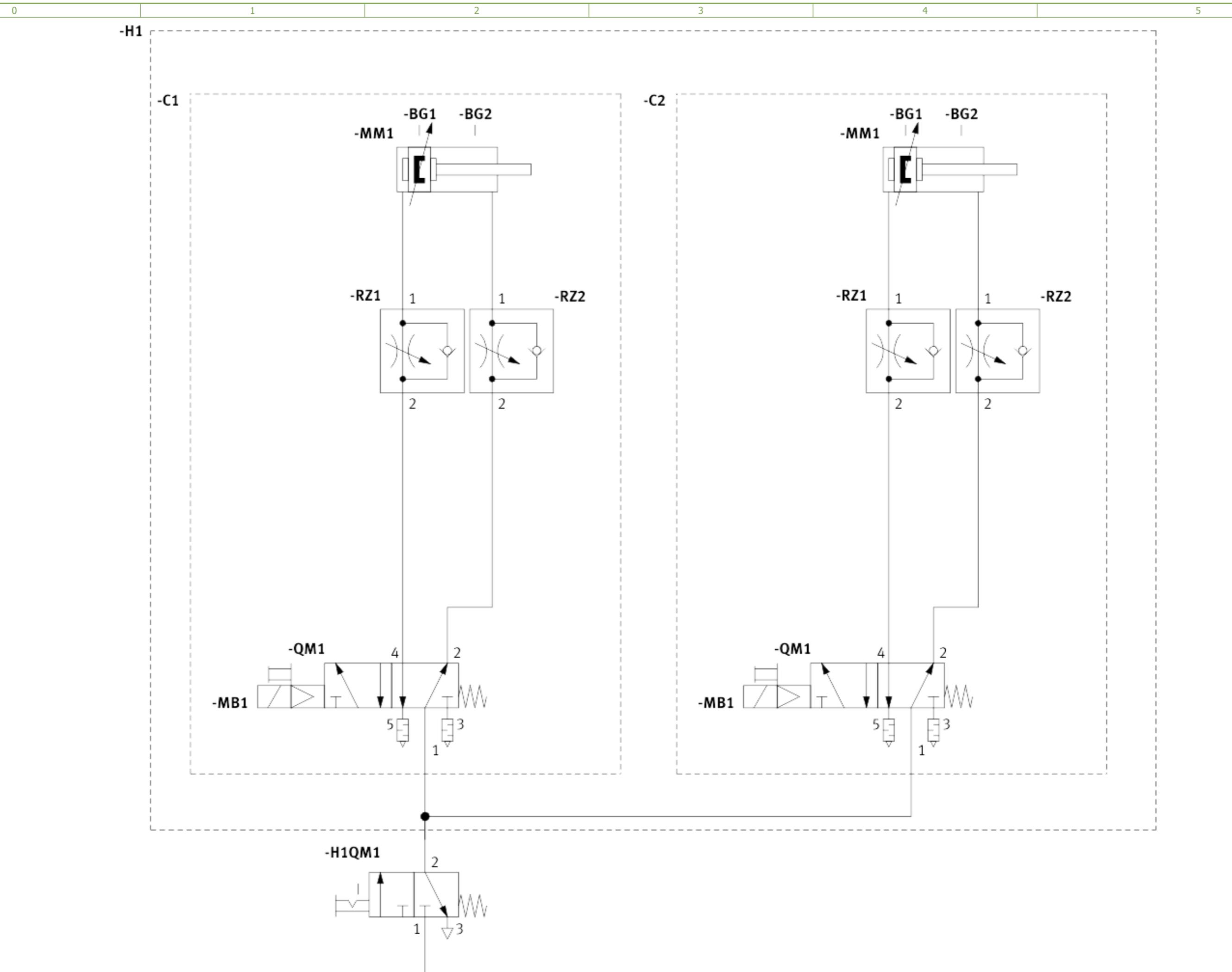
DPJ VN
Roboter MO HA

Robot station with modules

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Datum	12.06.2017
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Ze.Nr.	

Festo Didactic SE
Rechbergstraße 3
D-73770 Denkendorf

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Modul Robotermontage Pneumatik -C1 -C2
Robot assembly module pneu. -C1 -C2

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Robot station with modules

>>

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