



A9500²
A9500

ELECTRICAL DIAGRAMS

Cod. 120714054.7

07-2020

itema

A9500²

A9500

ELECTRICAL DIAGRAMS

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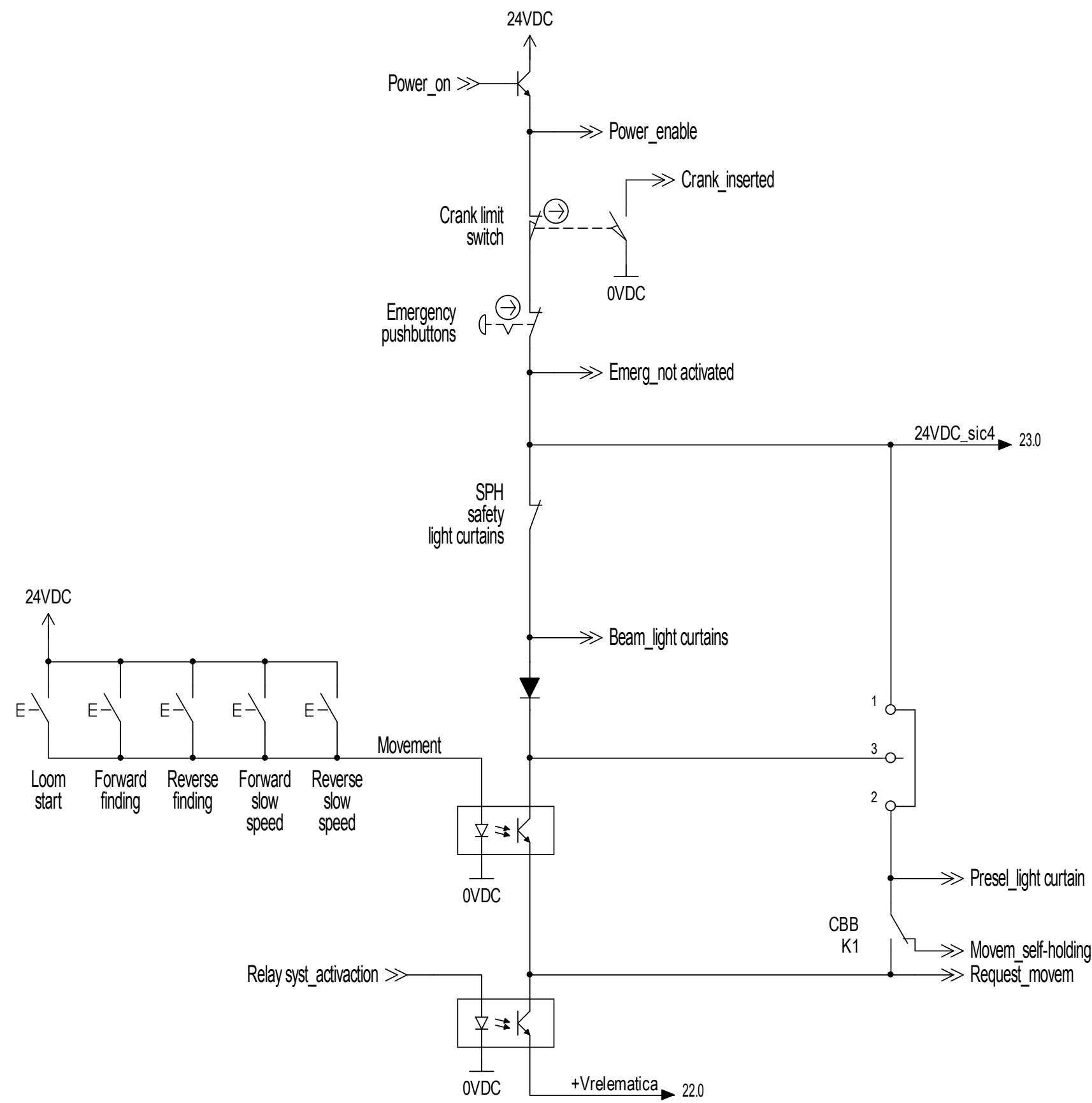
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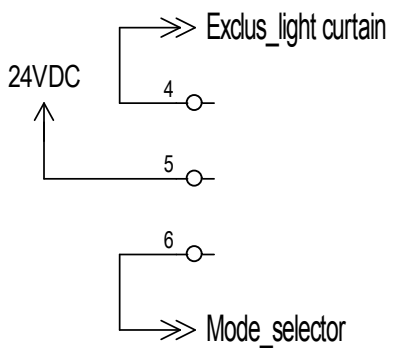
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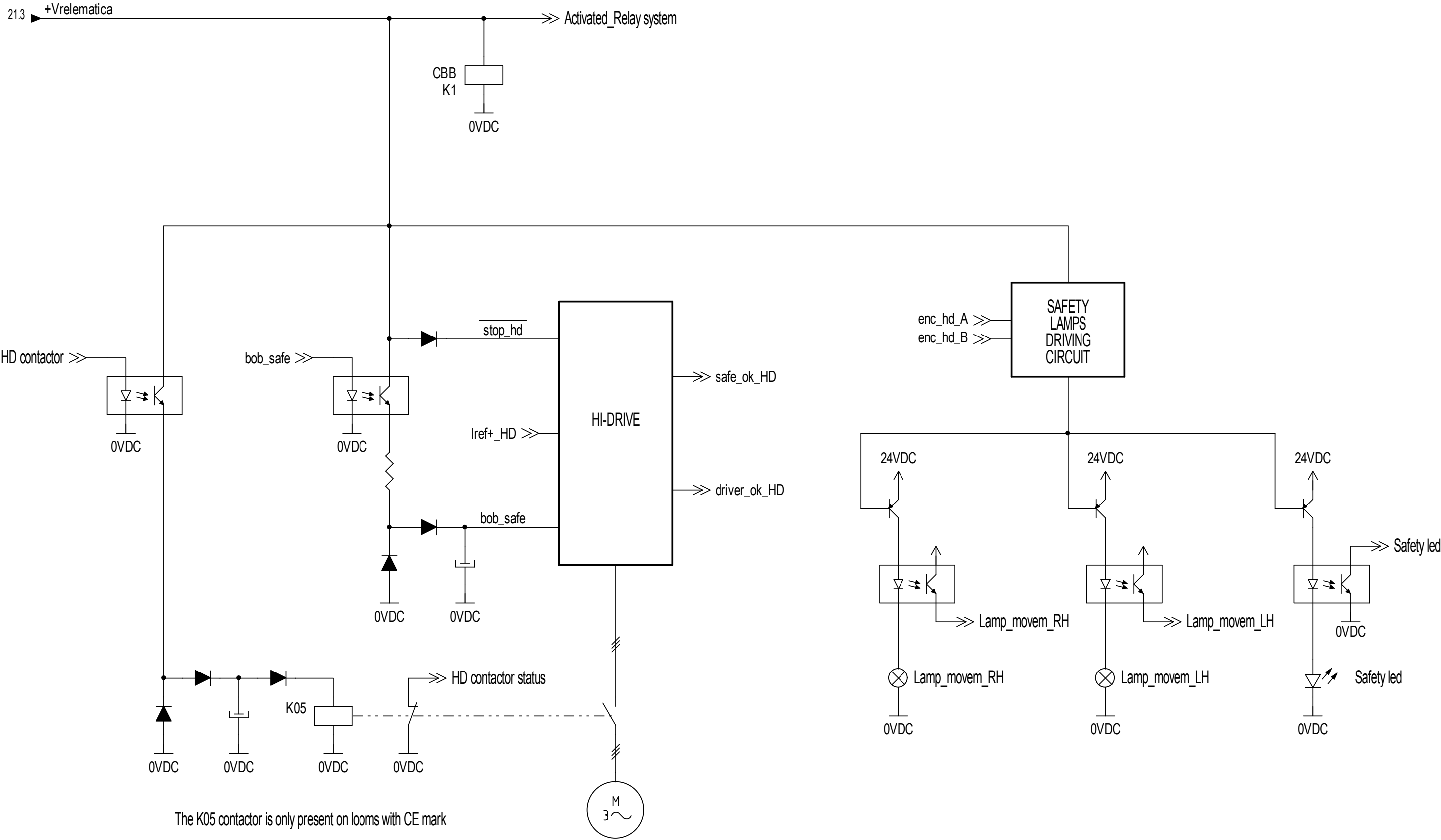
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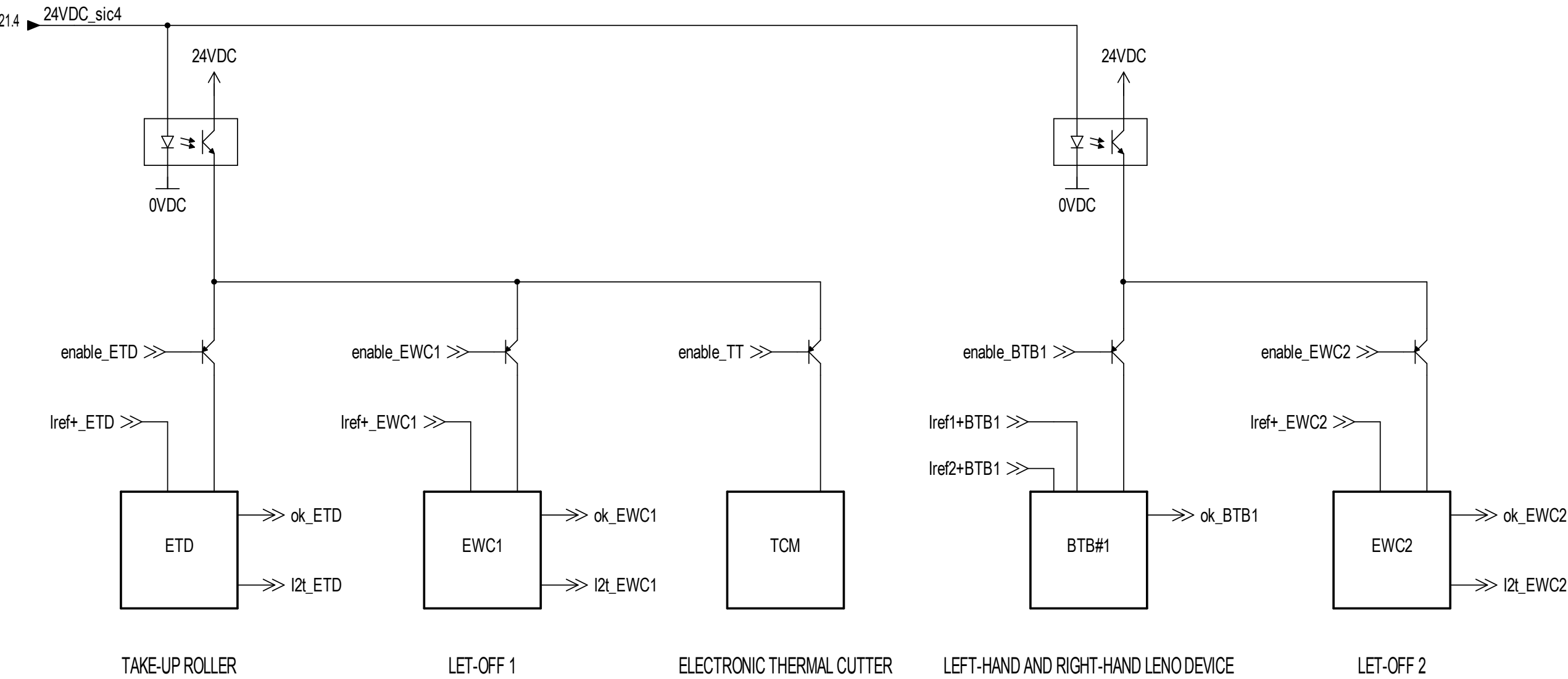
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509	CABLES AND WIRING LIST	



Terminal board configuration for safety light curtain preselection			
control during the activation of relay system			
always activated control			







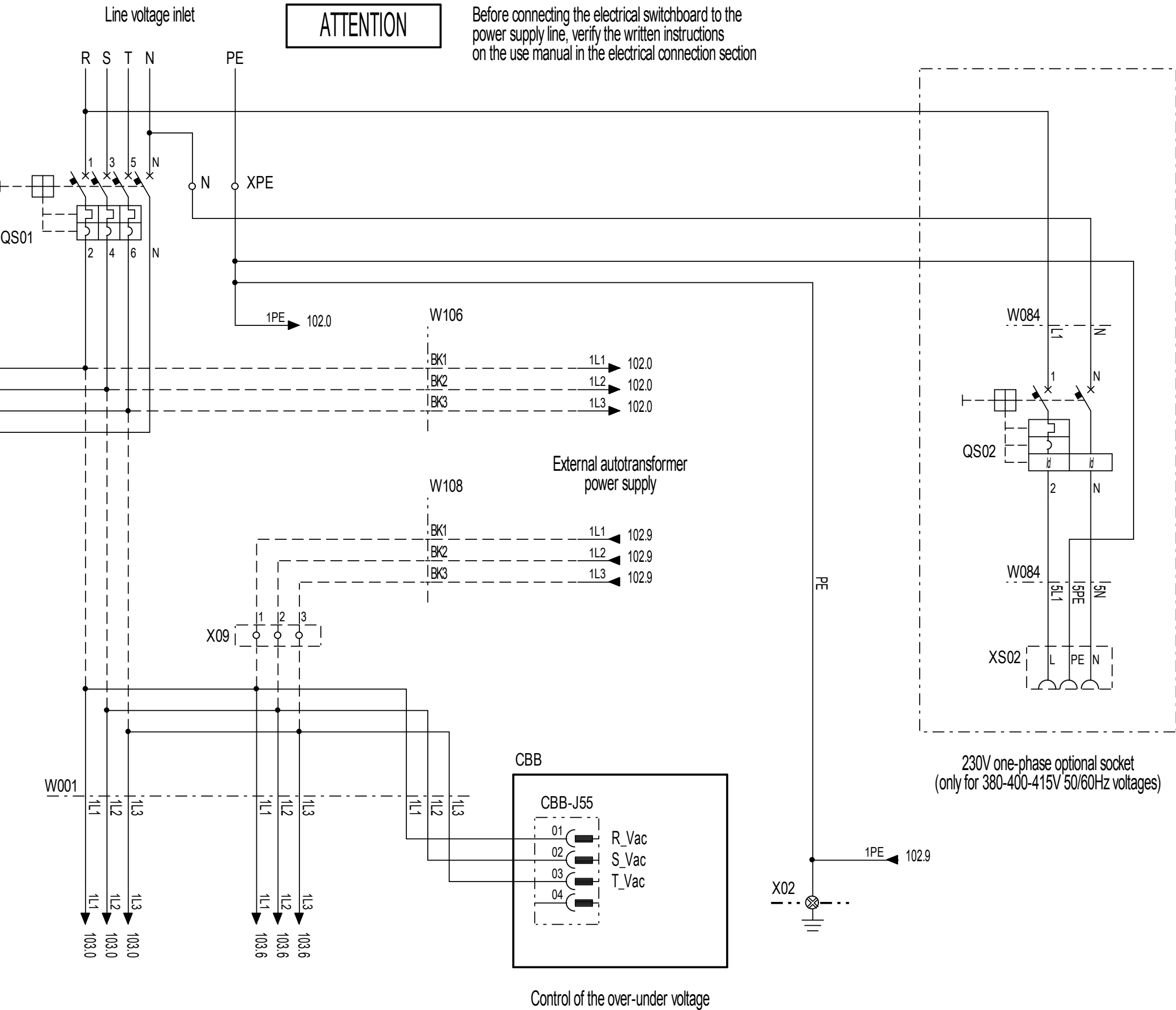
QS01 main switchgear:
3P in case of looms without external device
3P+N in case of looms with external device

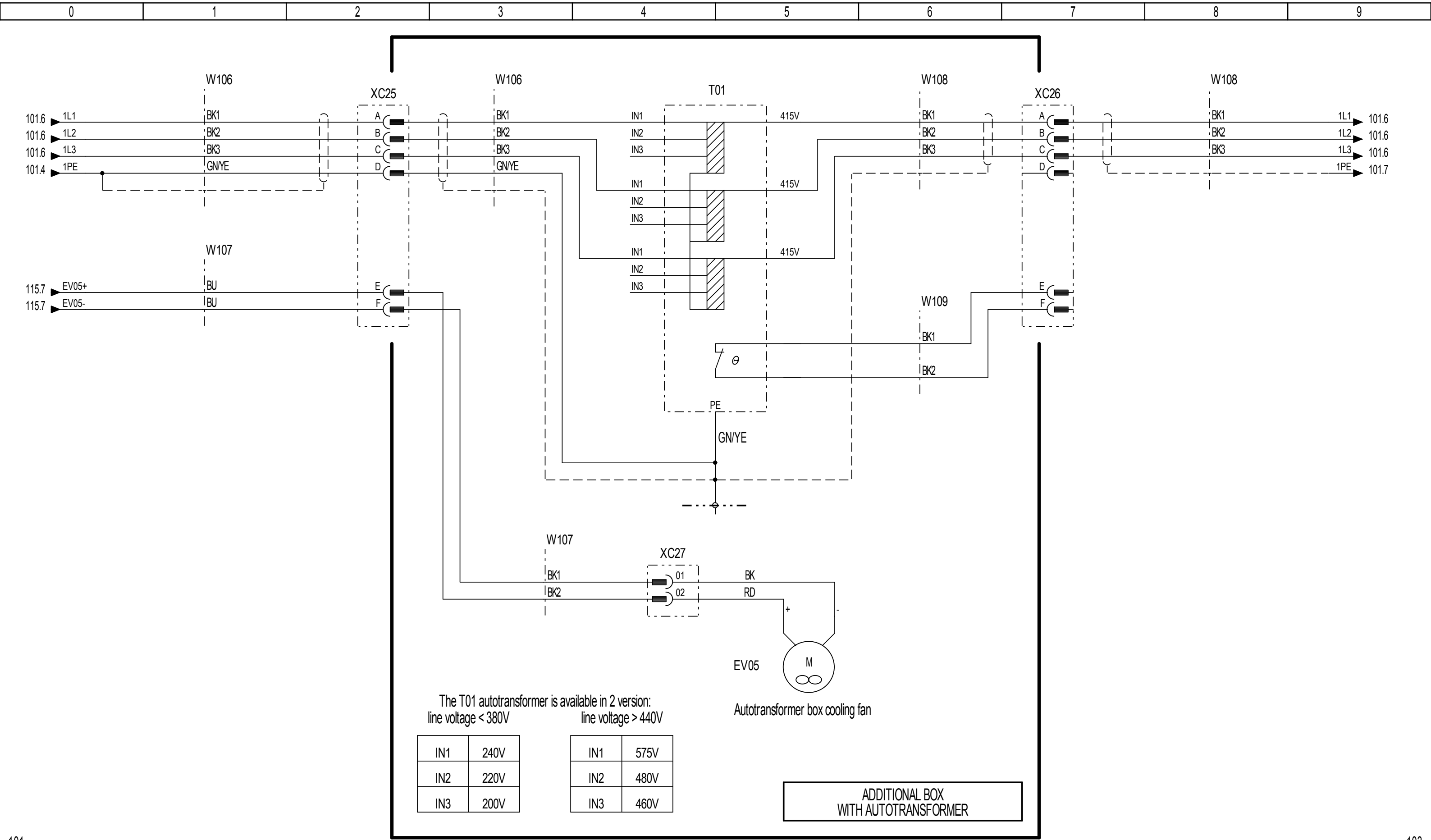
N clamp is present only with
230V one-phase optional socket

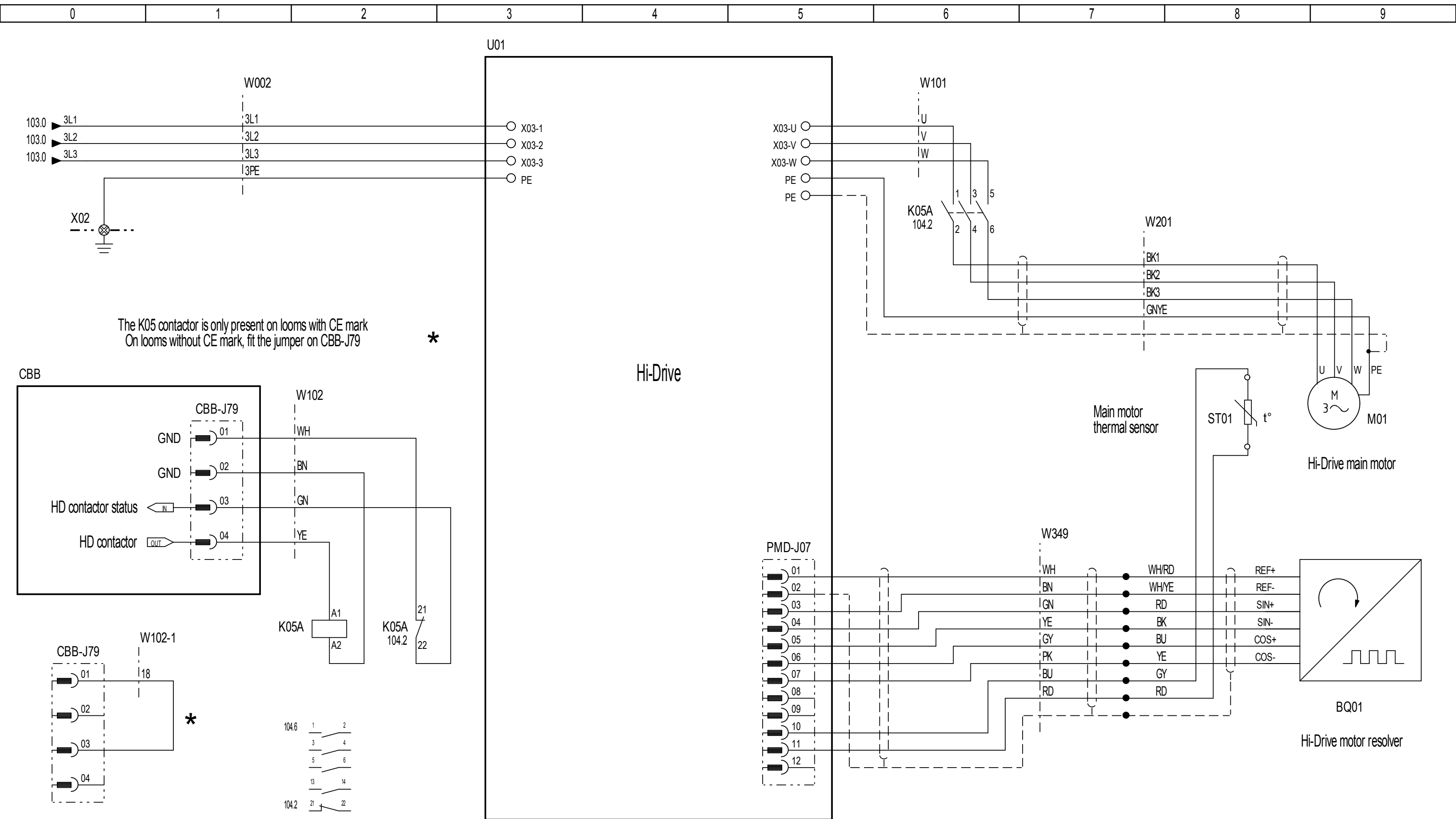
External device
power supply

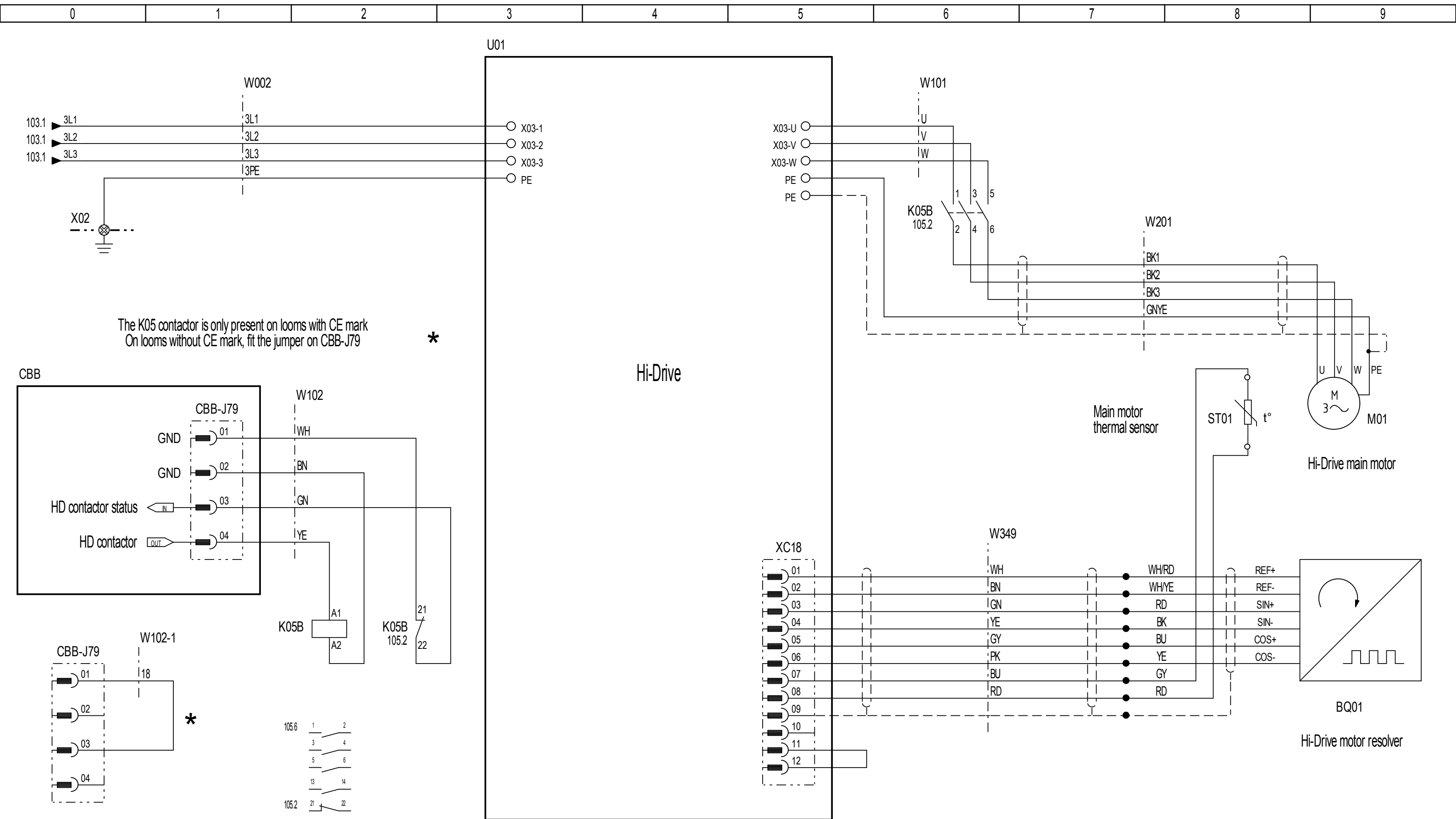
Loom power supply 380-440 (50/60 Hz):
W001 wiring is connected to the QS01 main switchgear

Loom power supply 200-240 (50/60 Hz)
or 460-575V (60Hz): W106 and W108 wirings are present
and W001 wiring is connected to the X09 terminal board

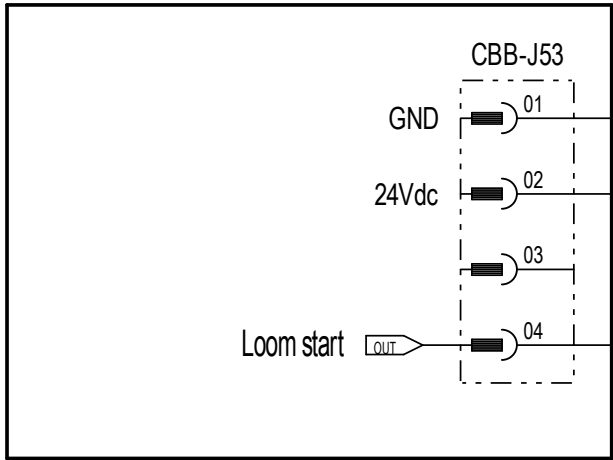




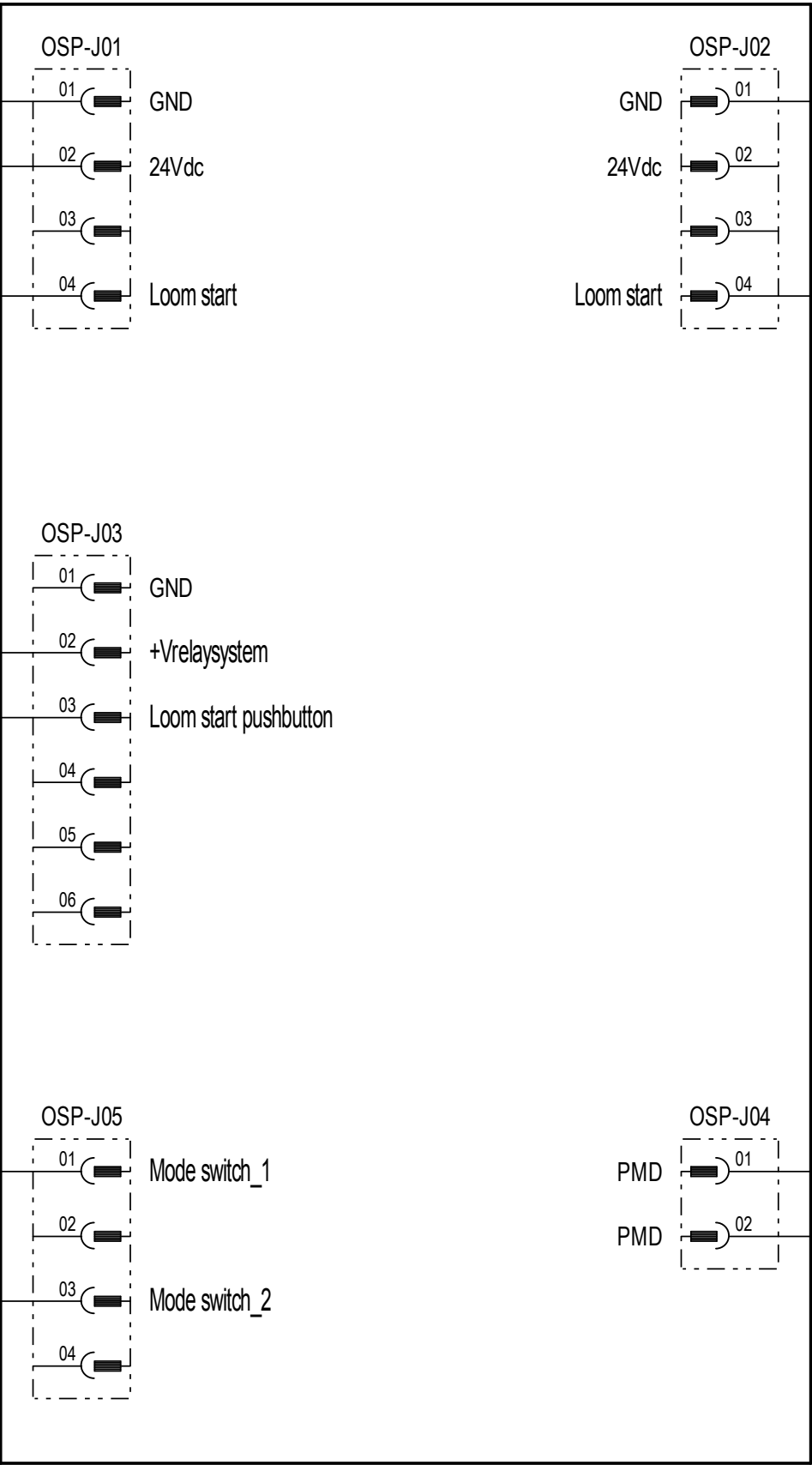




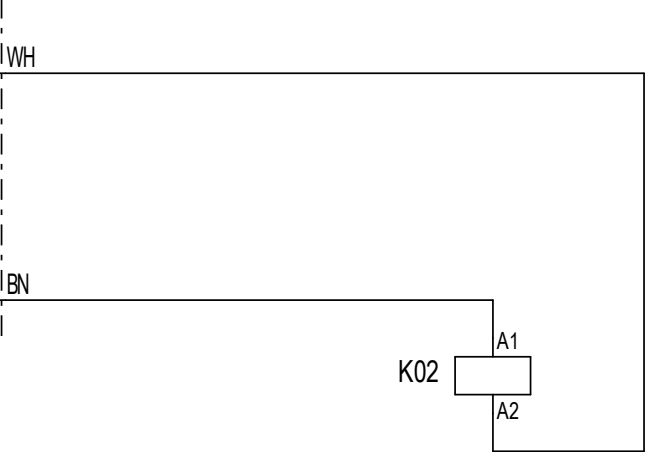
CBB



OSP



W085

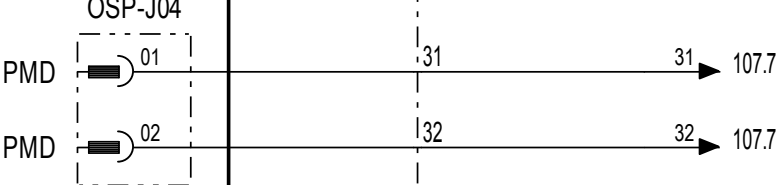


Relay for loom running signalling

K02 is only present for looms with external device and/or oil cooling fan for Staubli dobby or tappet motion

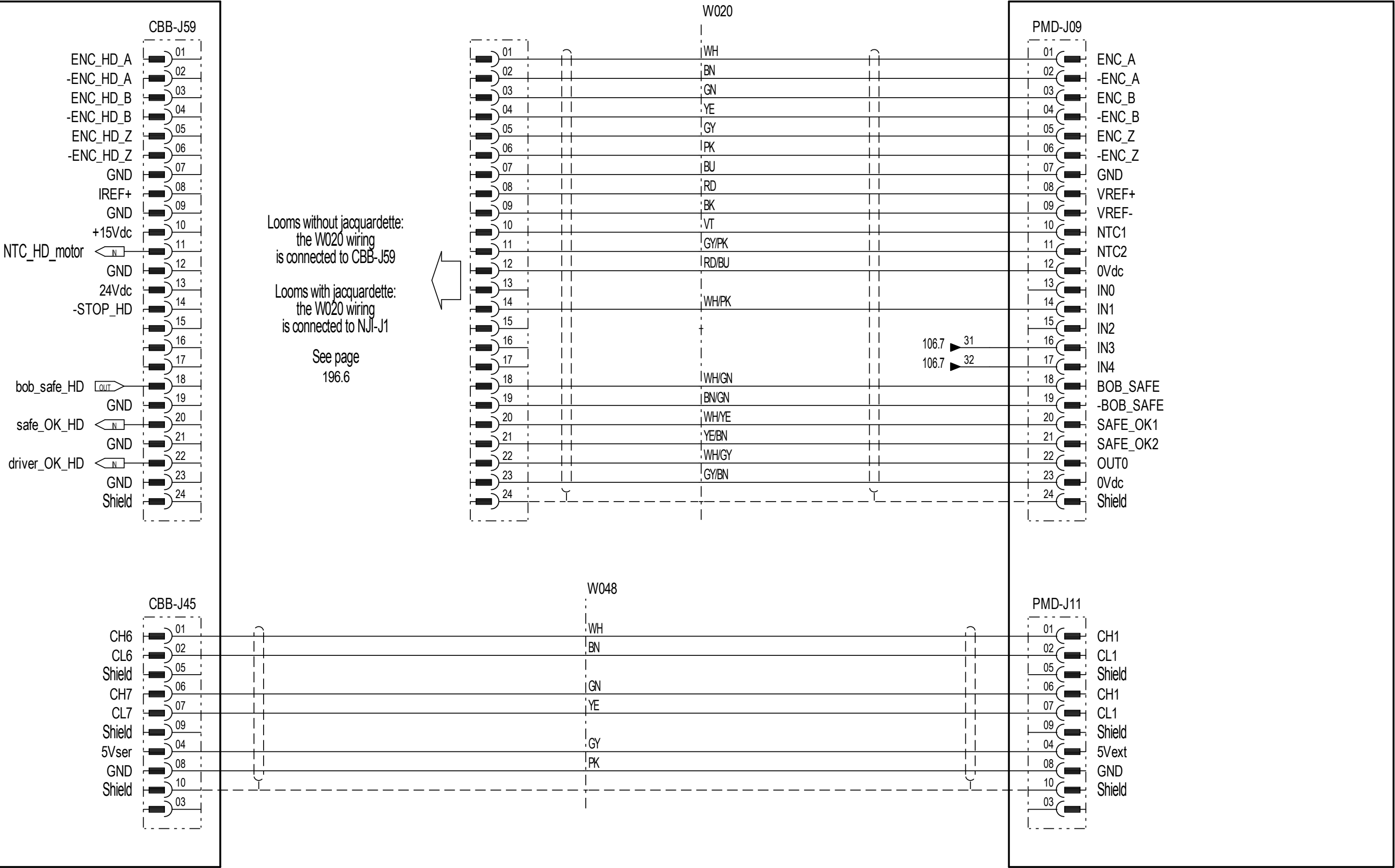
Diagram valid for looms with PMD drive

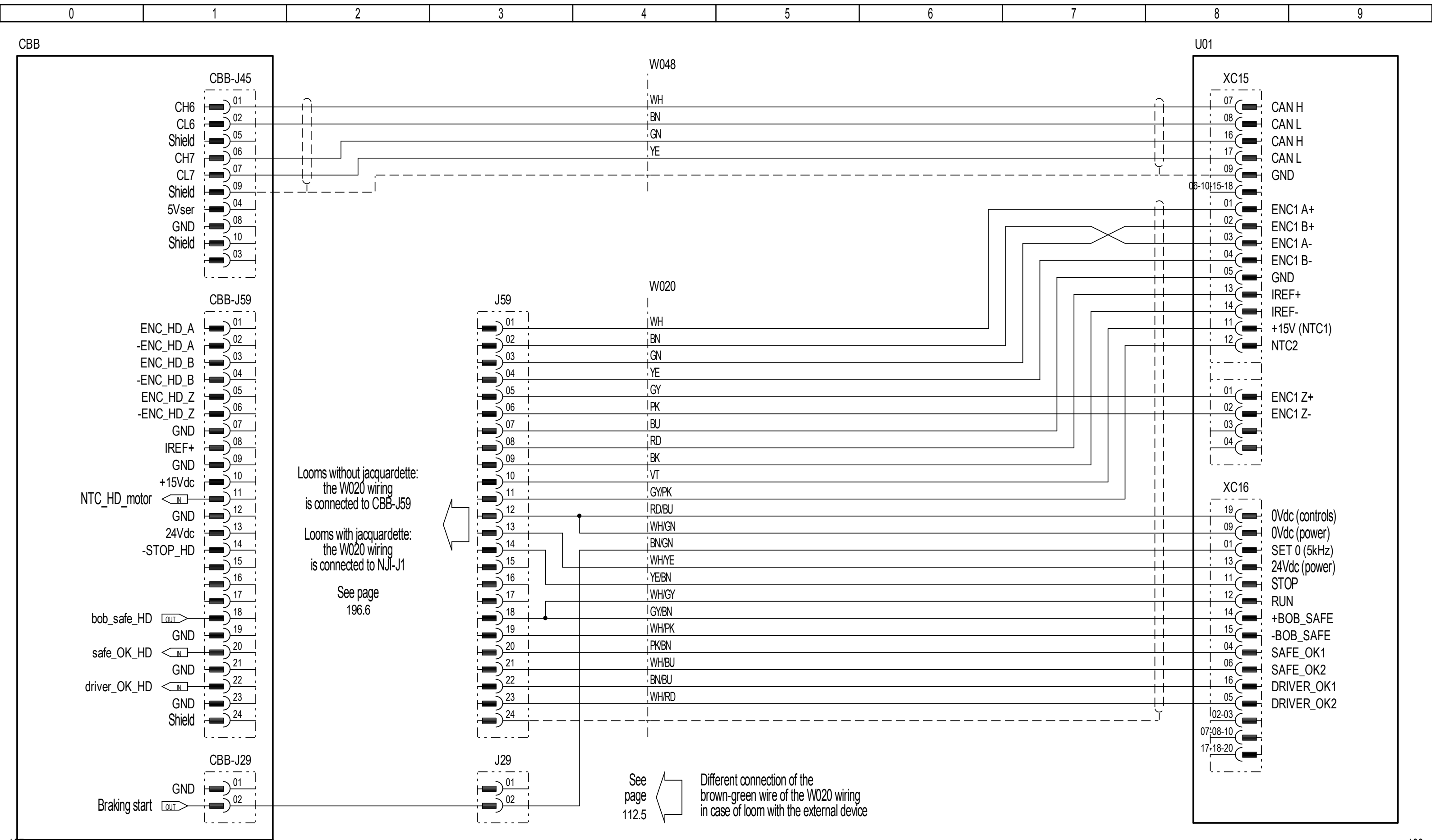
W020

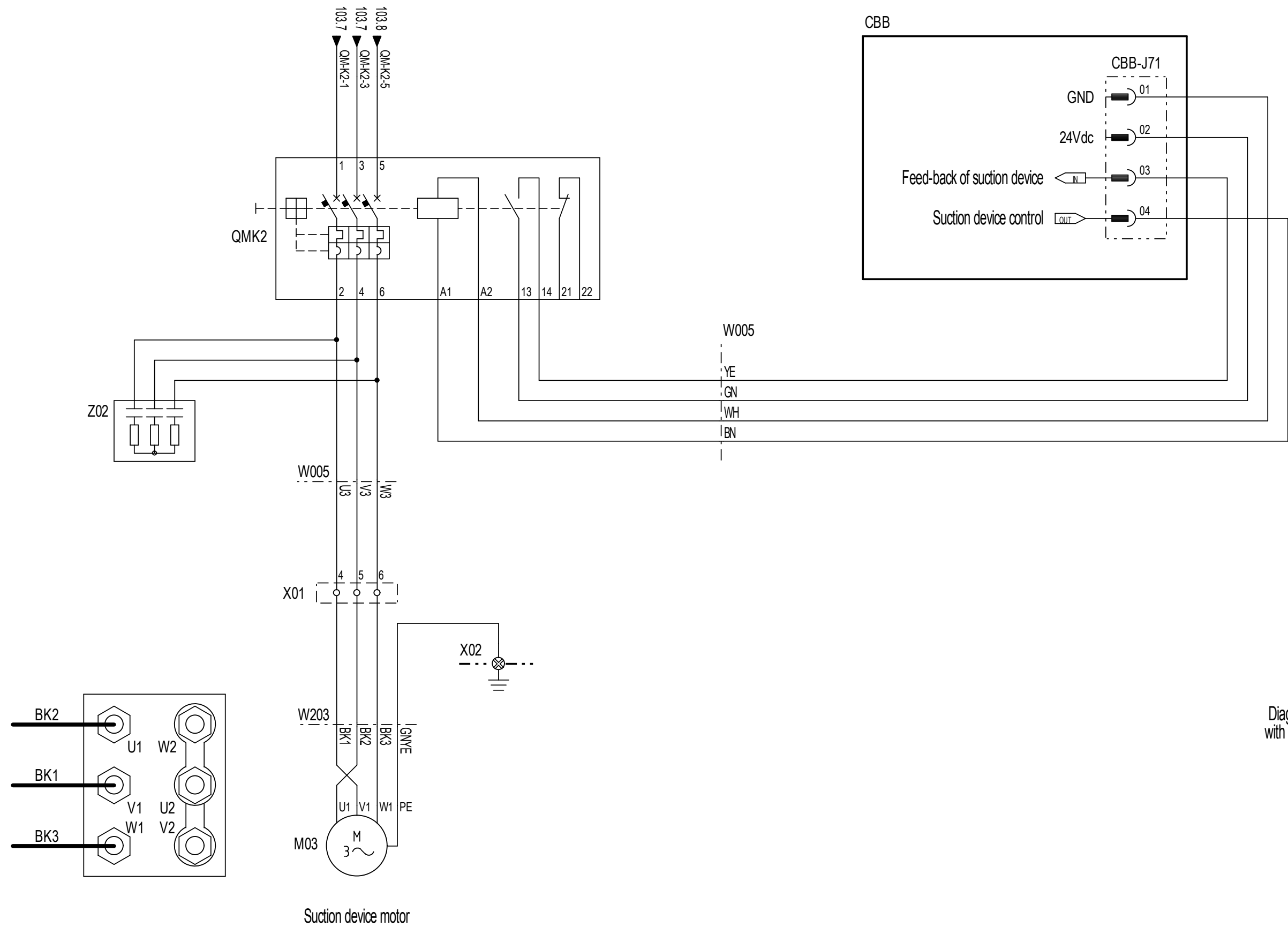


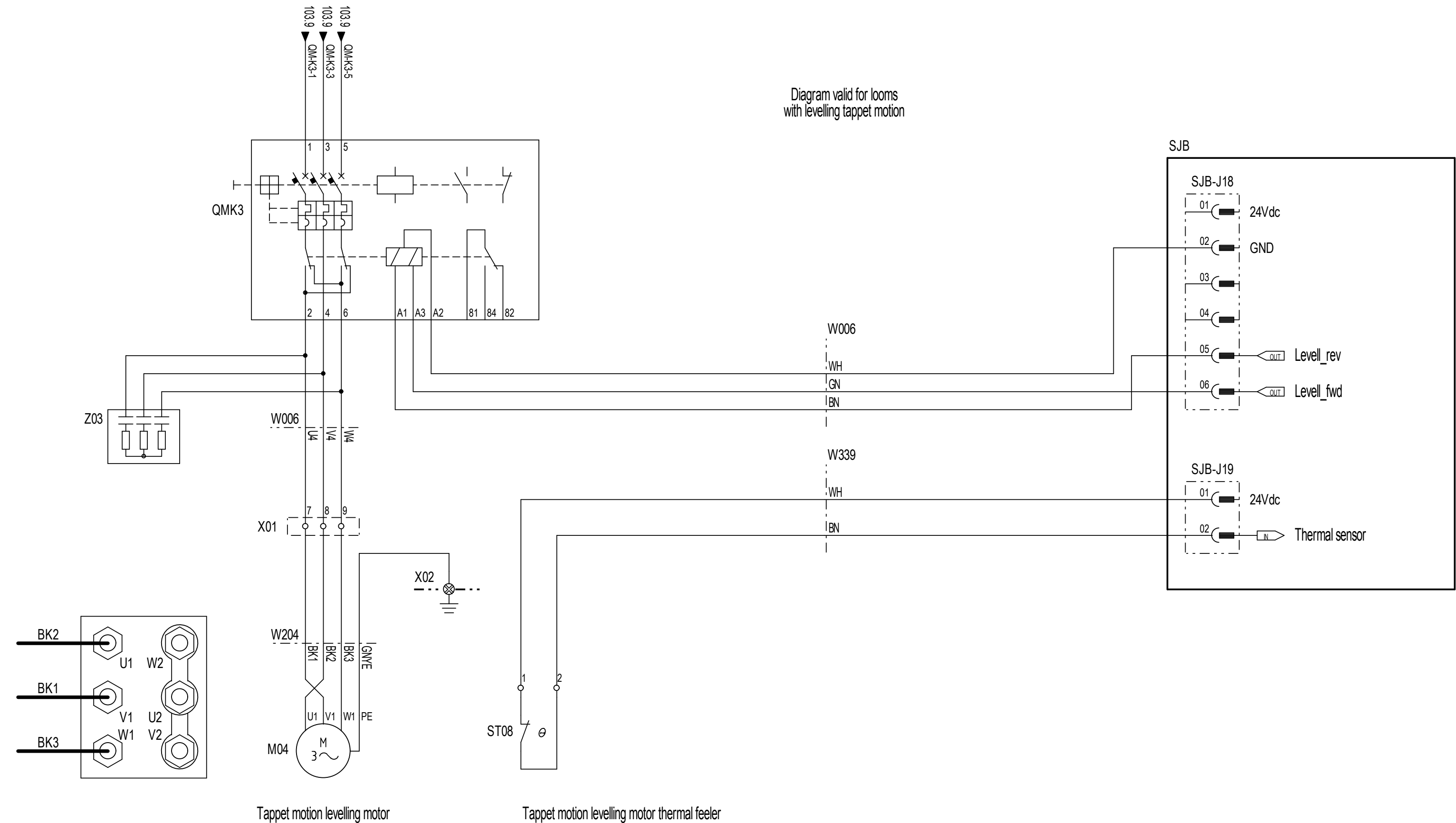
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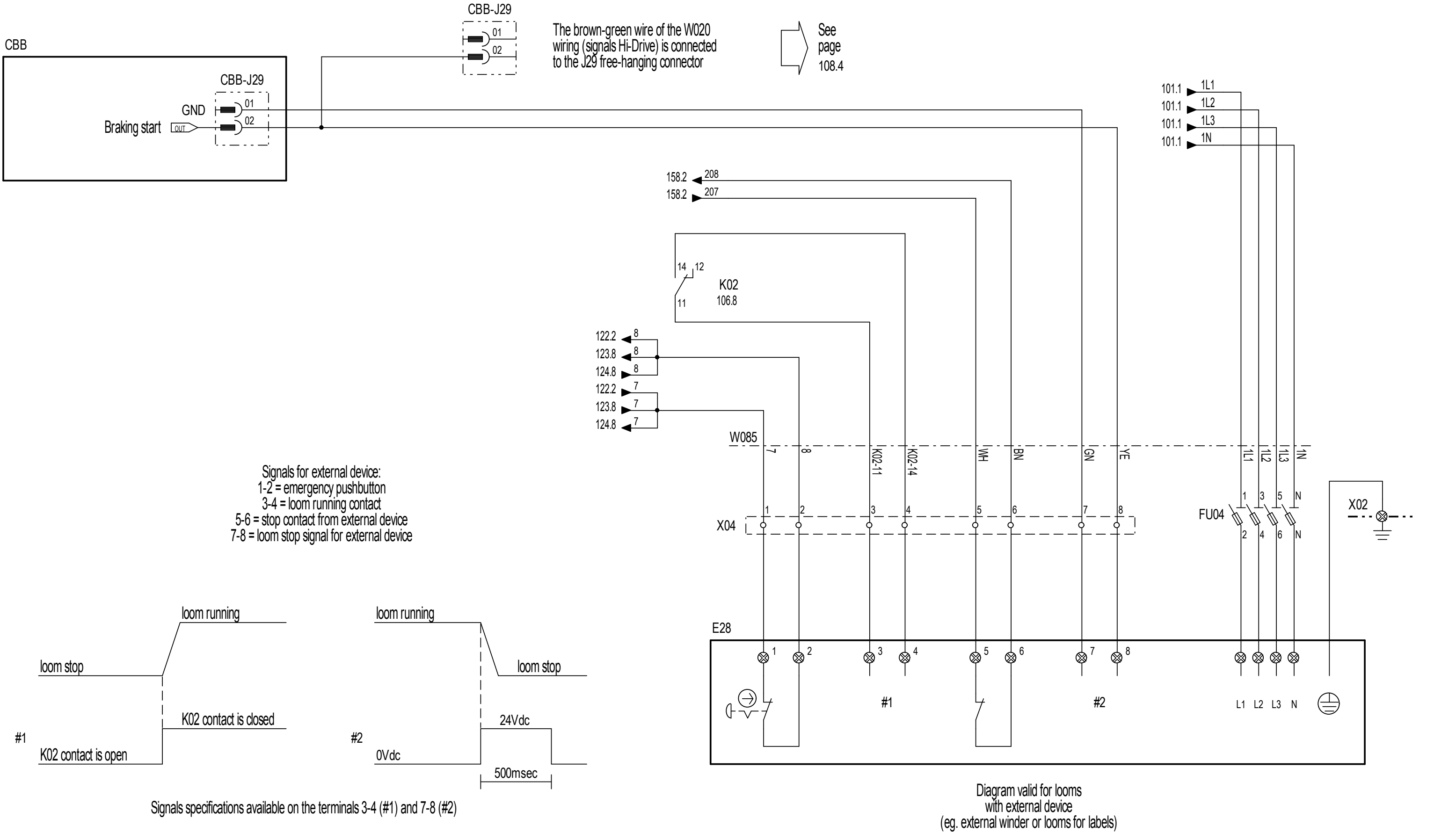
U01

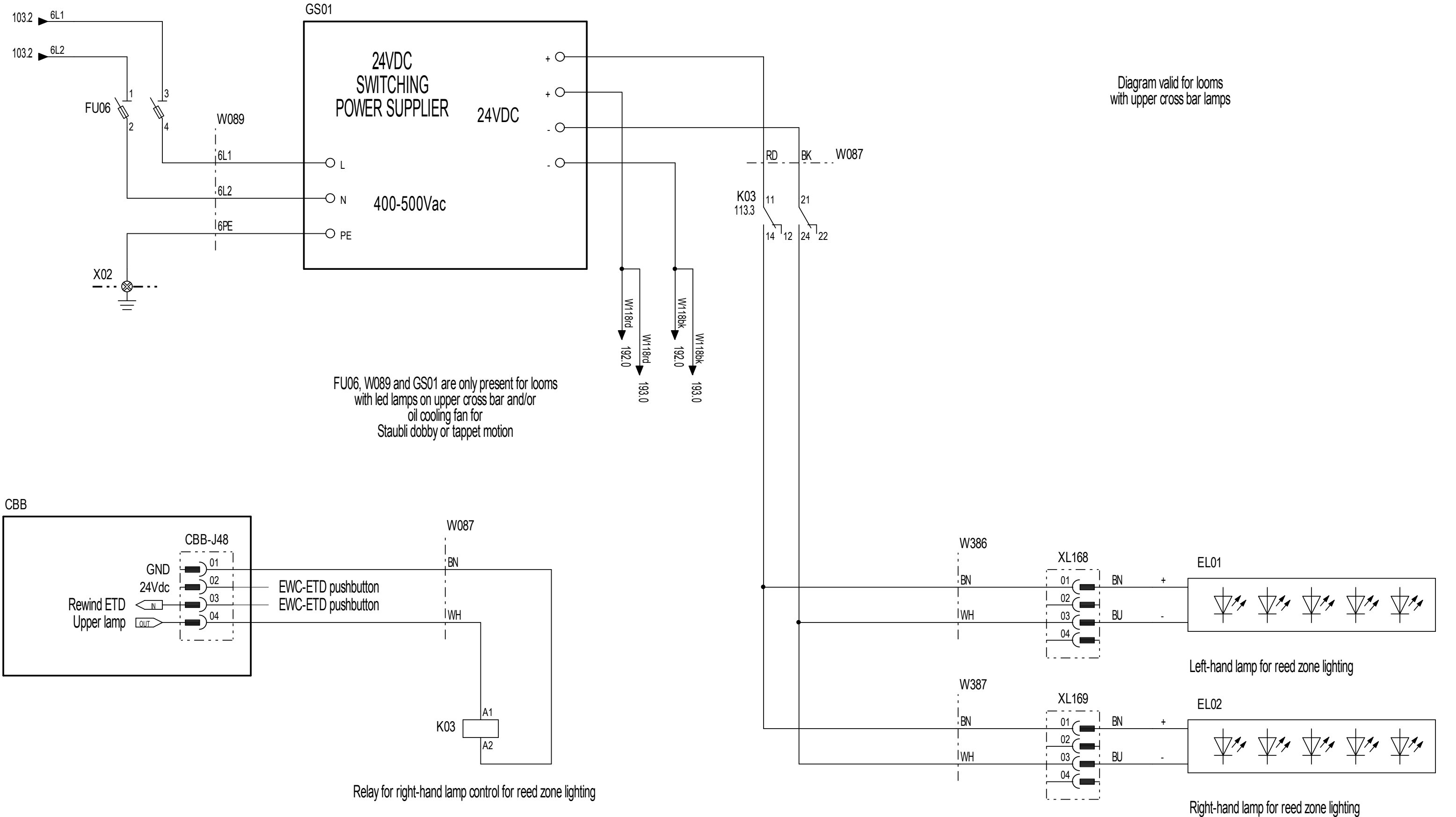




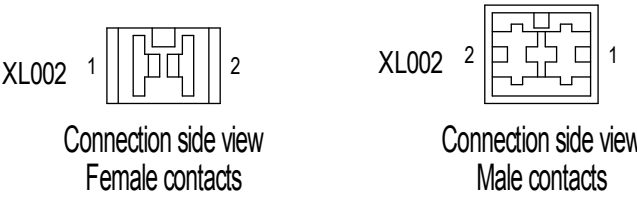
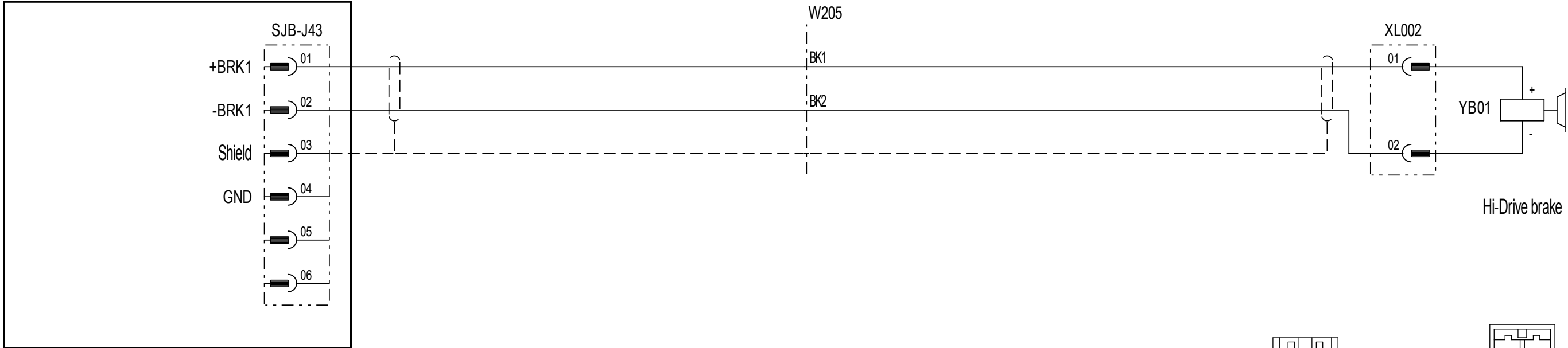




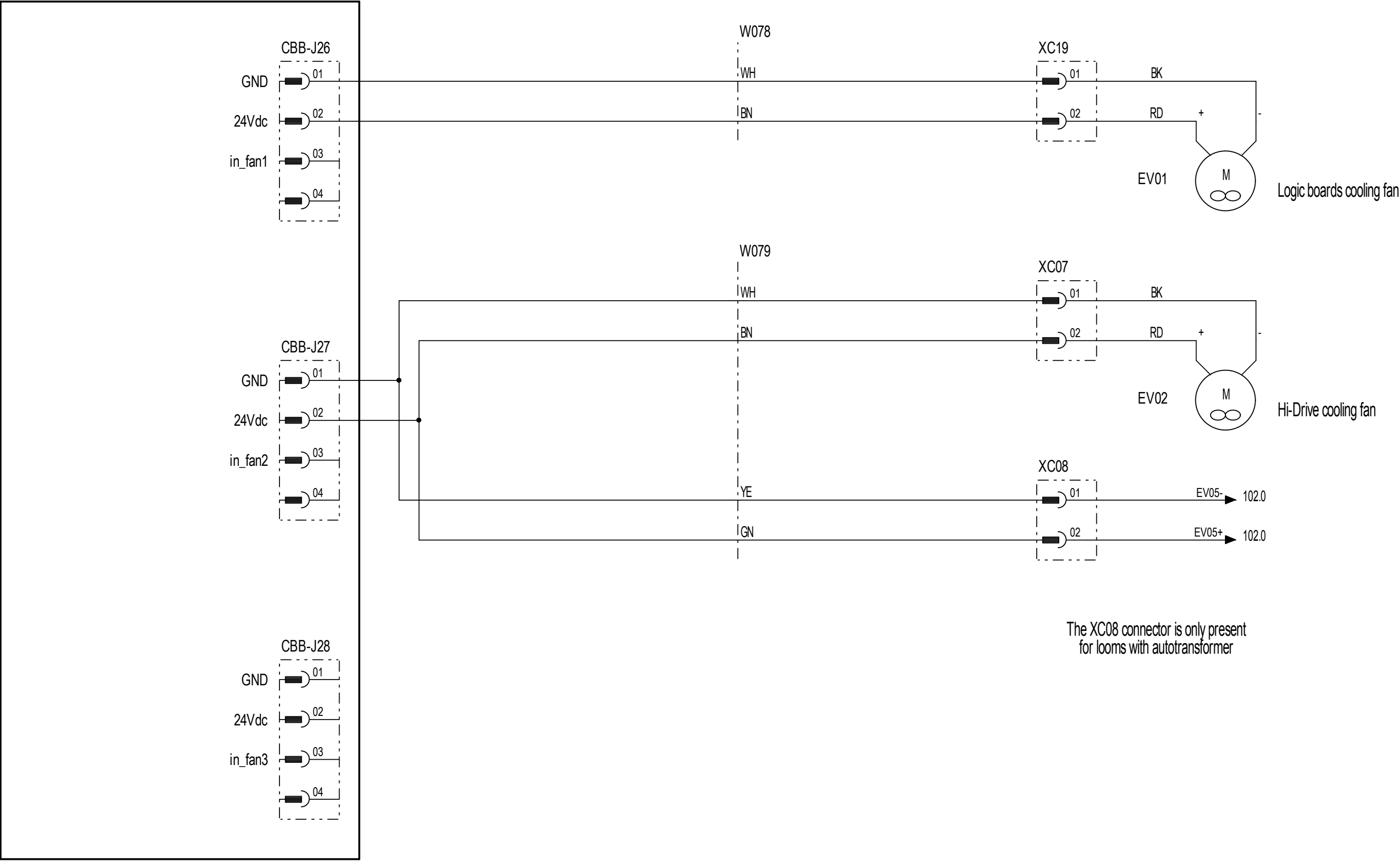




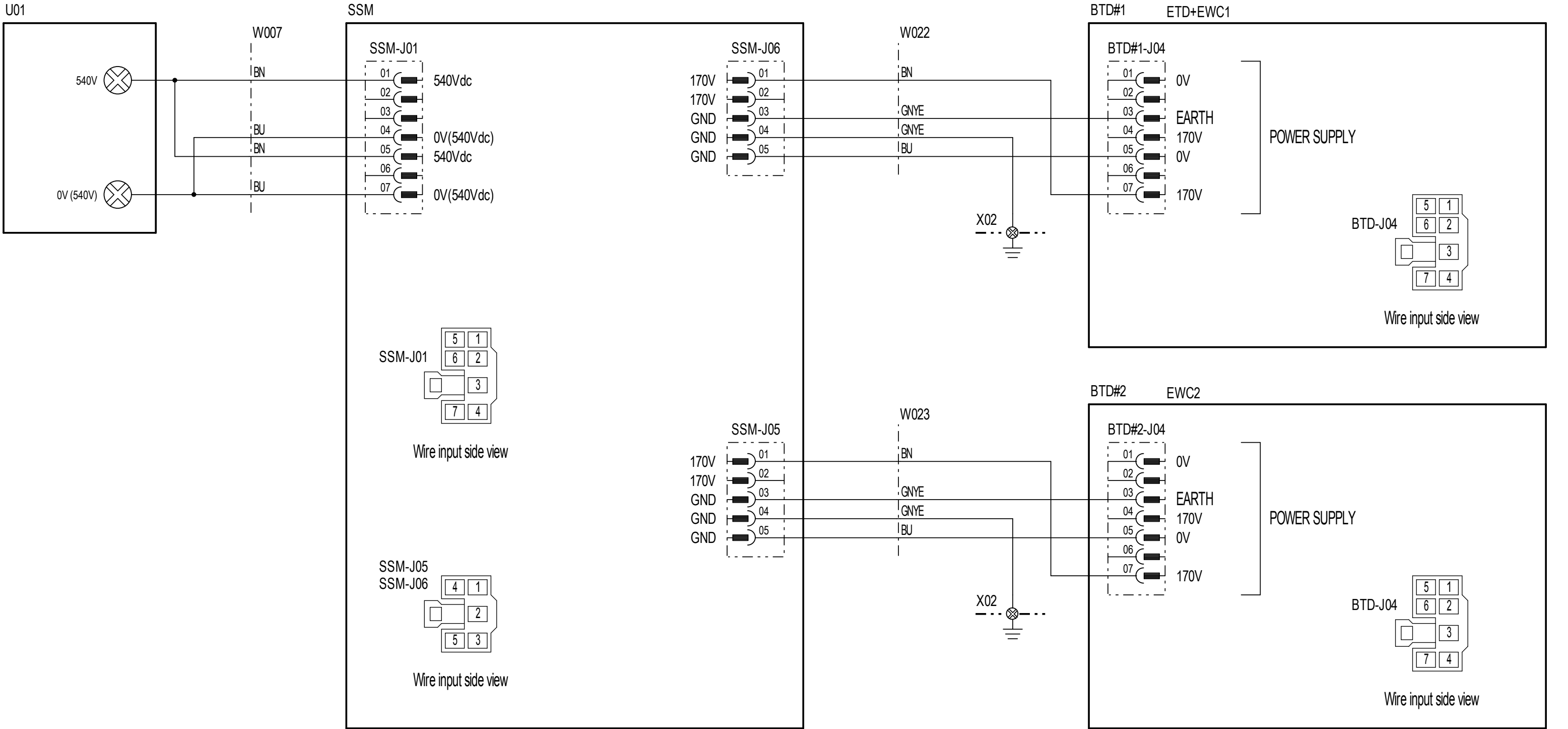
SJB



CBB

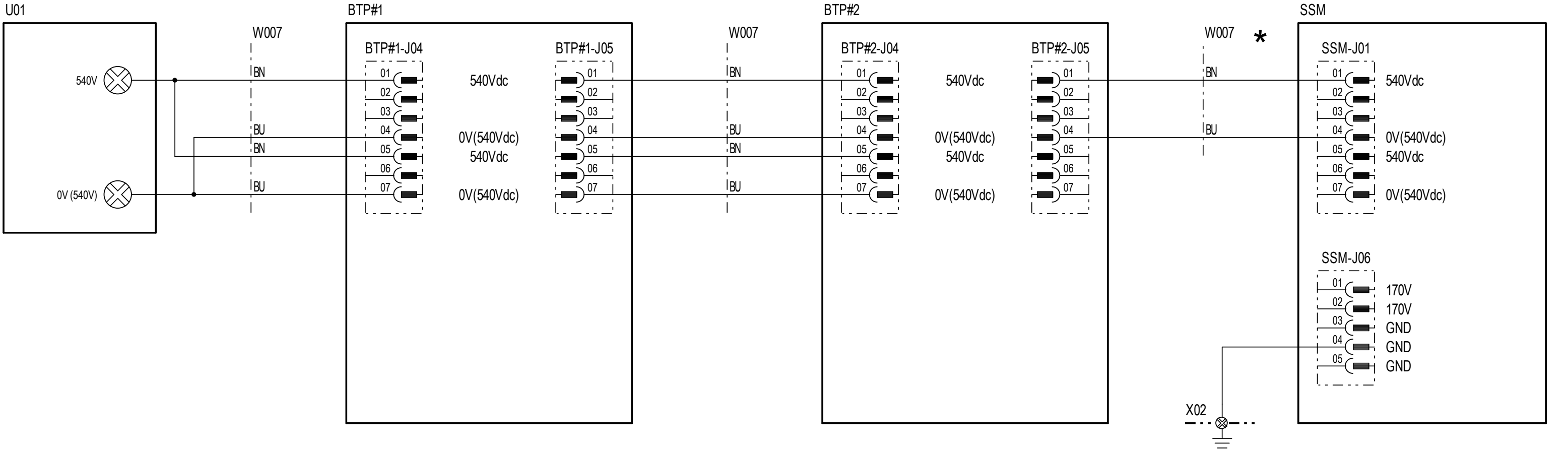


The XC08 connector is only present
for looms with autotransformer

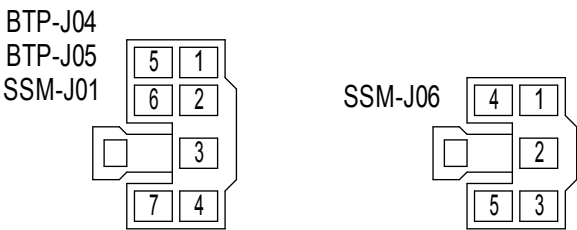


BTM#2 and W023 are only present for looms with 2 beam

Diagram valid for looms in version: standard let-off and take-up roller (4Nm)



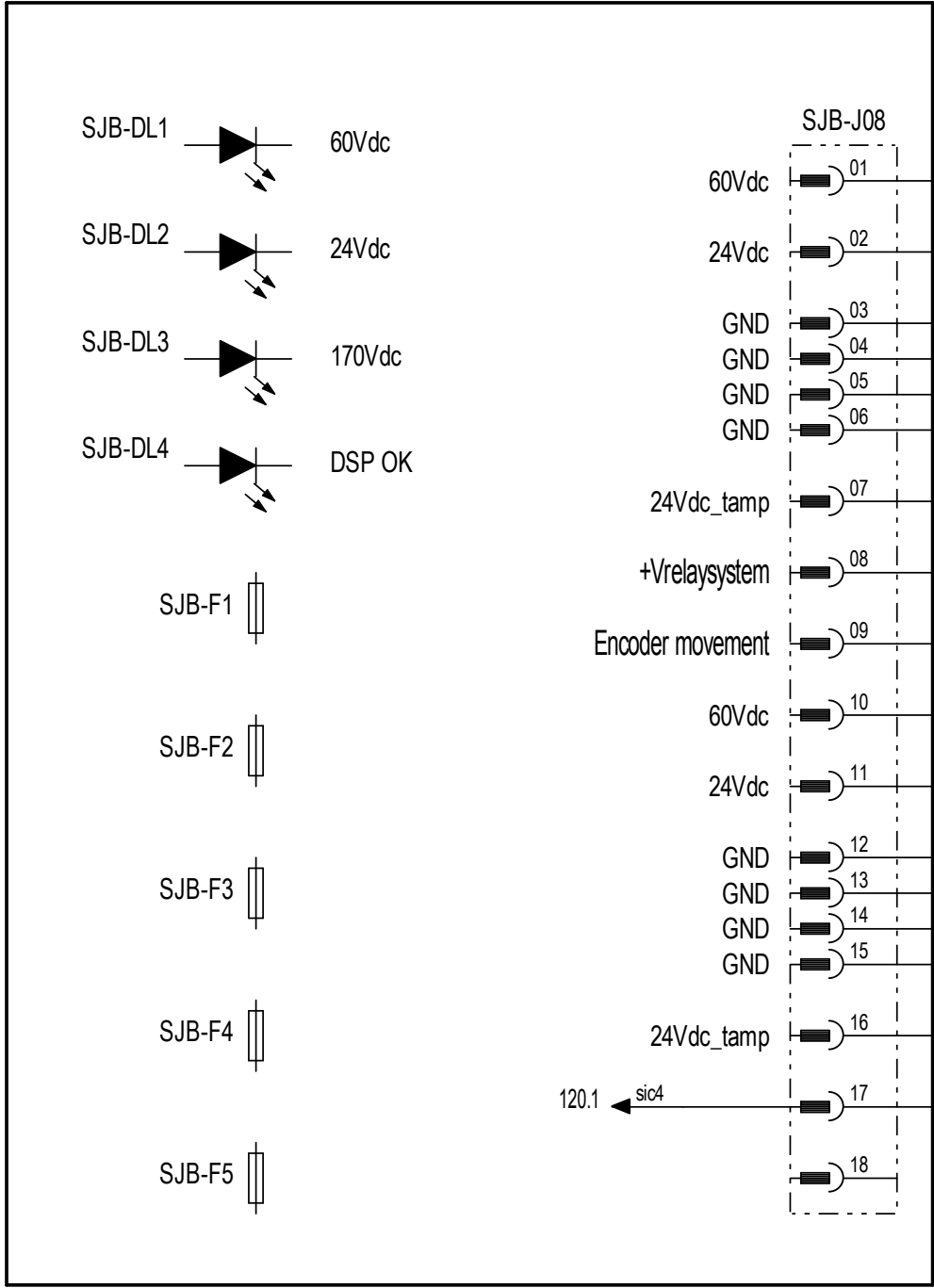
BTP#2 is only present for looms
with 2 beam;
W007 wiring (*) is connected to BTP#1-J05



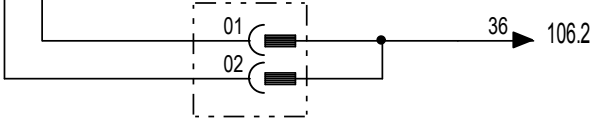
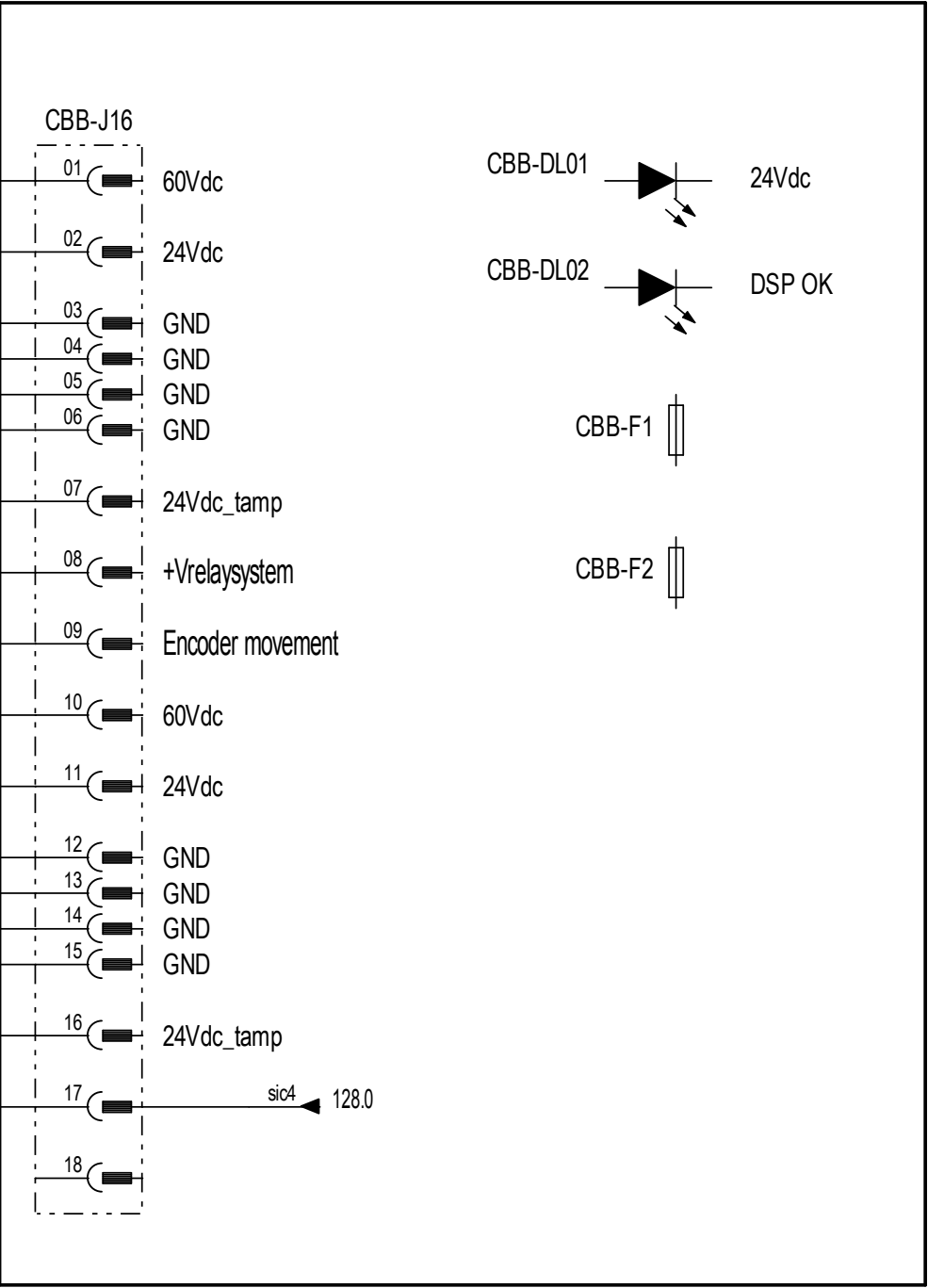
Wire input side view

Diagram valid for looms in version:
high-powered let-off and take-up roller (6Nm)

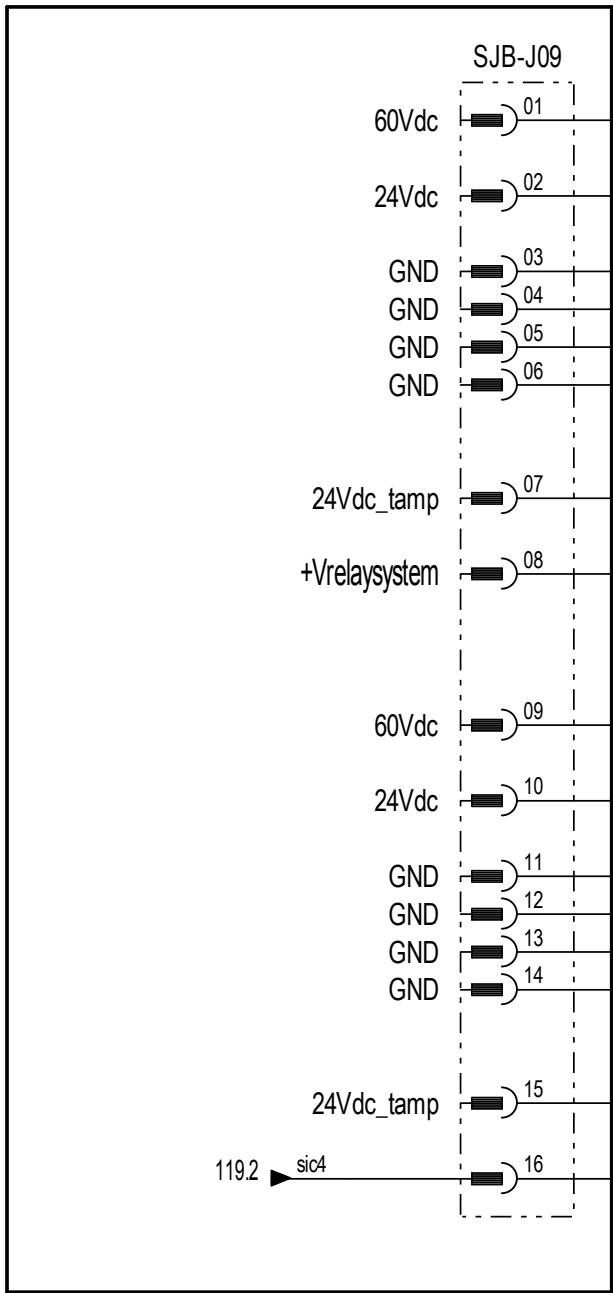
SJB



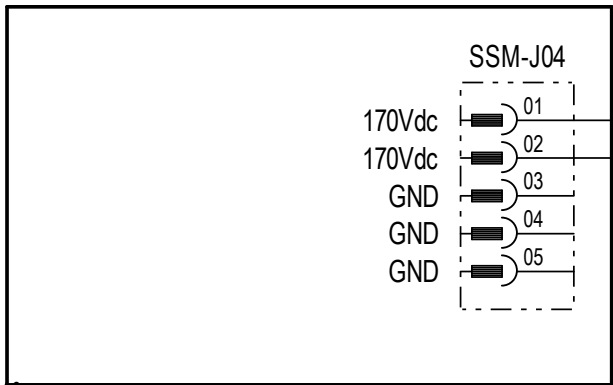
CBB



SJB



SSM



The W114 wiring
is present for looms
with RTC

OJB

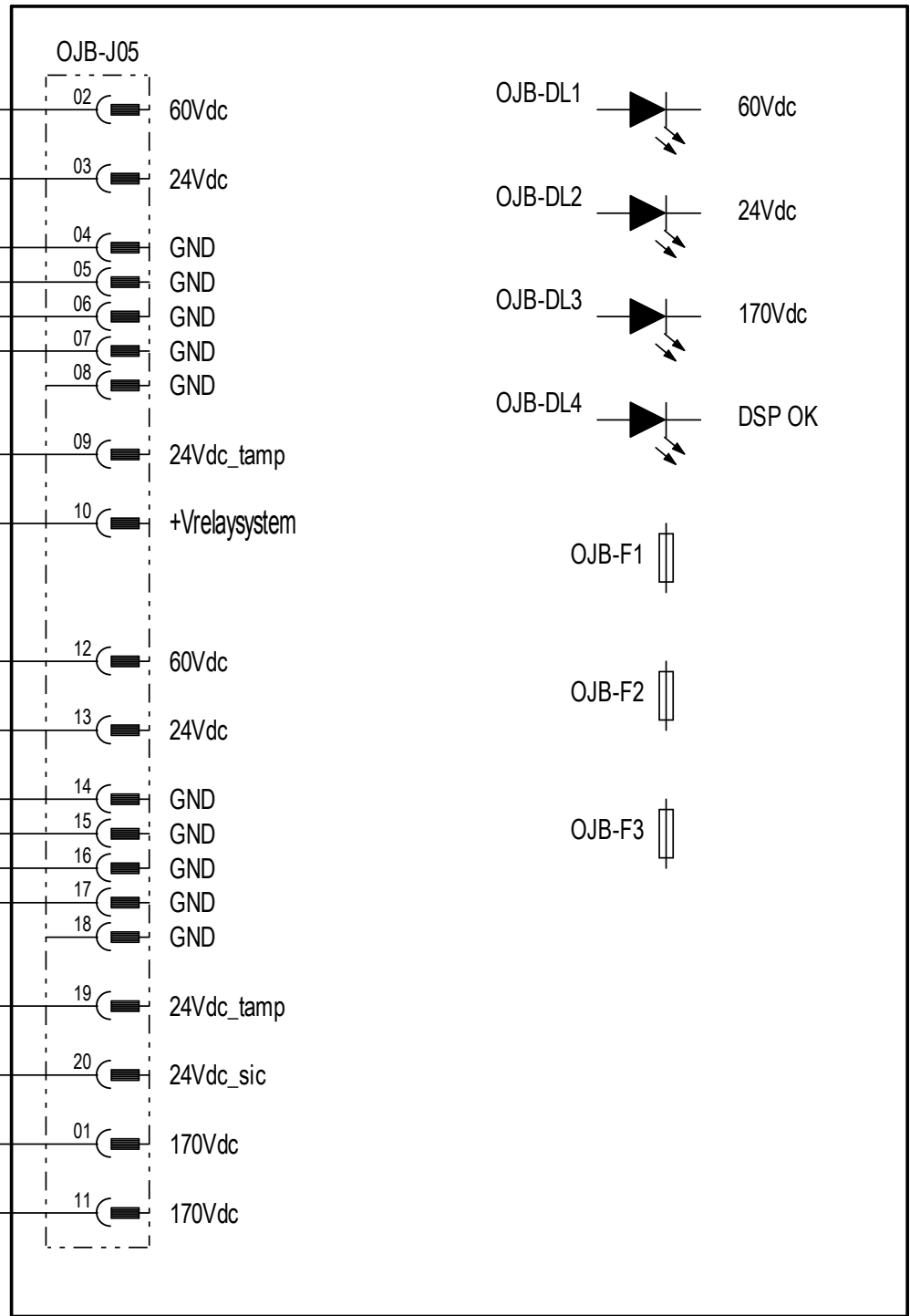
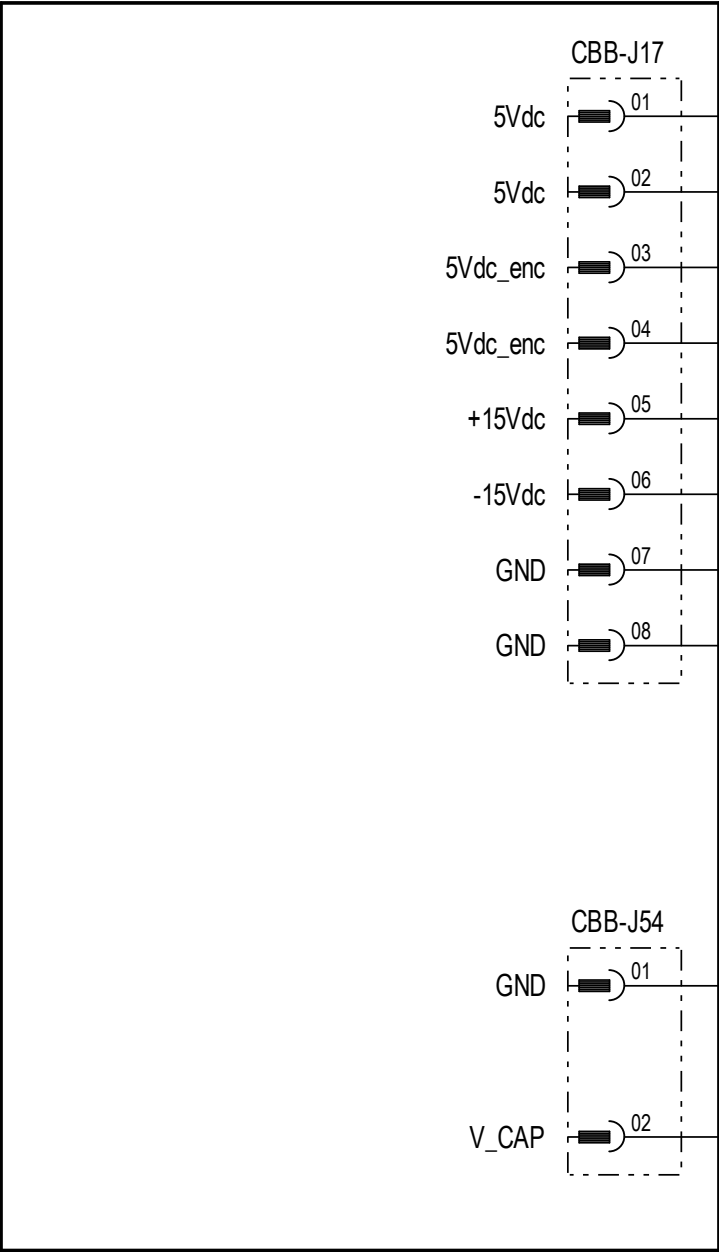
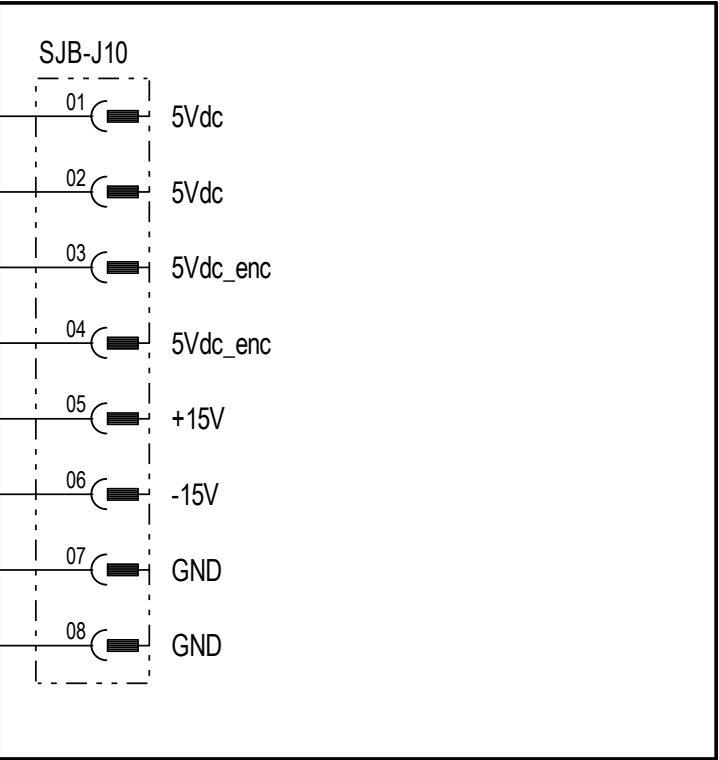


Diagram valid for looms with at least one of the following options:
6 colours / central pneumatic tuck-in device / twin or upper beam /
central cutter / selvedge binding (left, right and central) / central leno device / double prenozzles /
double auxiliary nozzles (W2200-W2300 with stretching nozzle or W2600 with/without stretching nozzle)

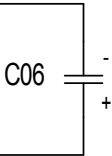
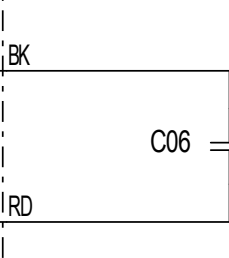
CBB



SJB

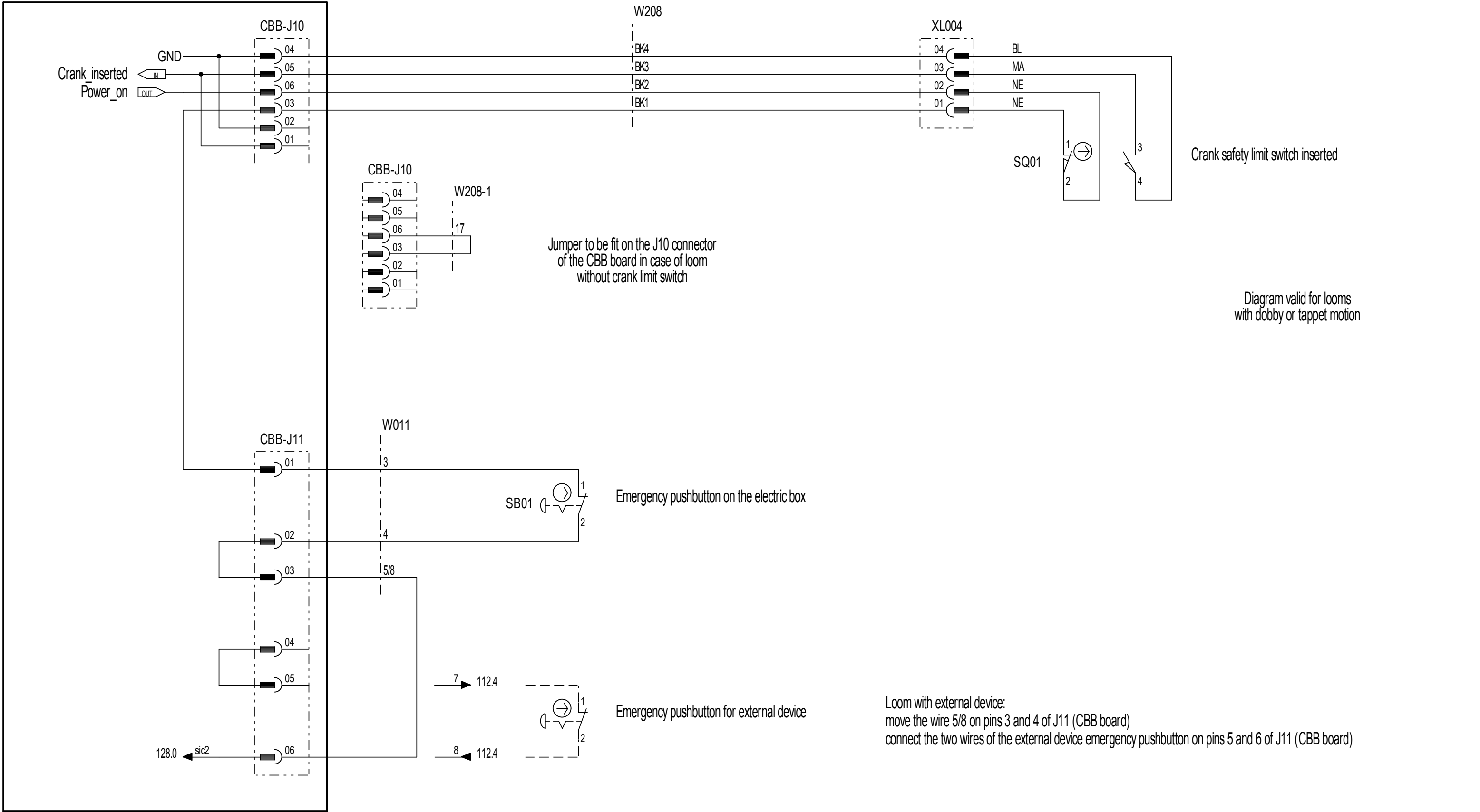


W012

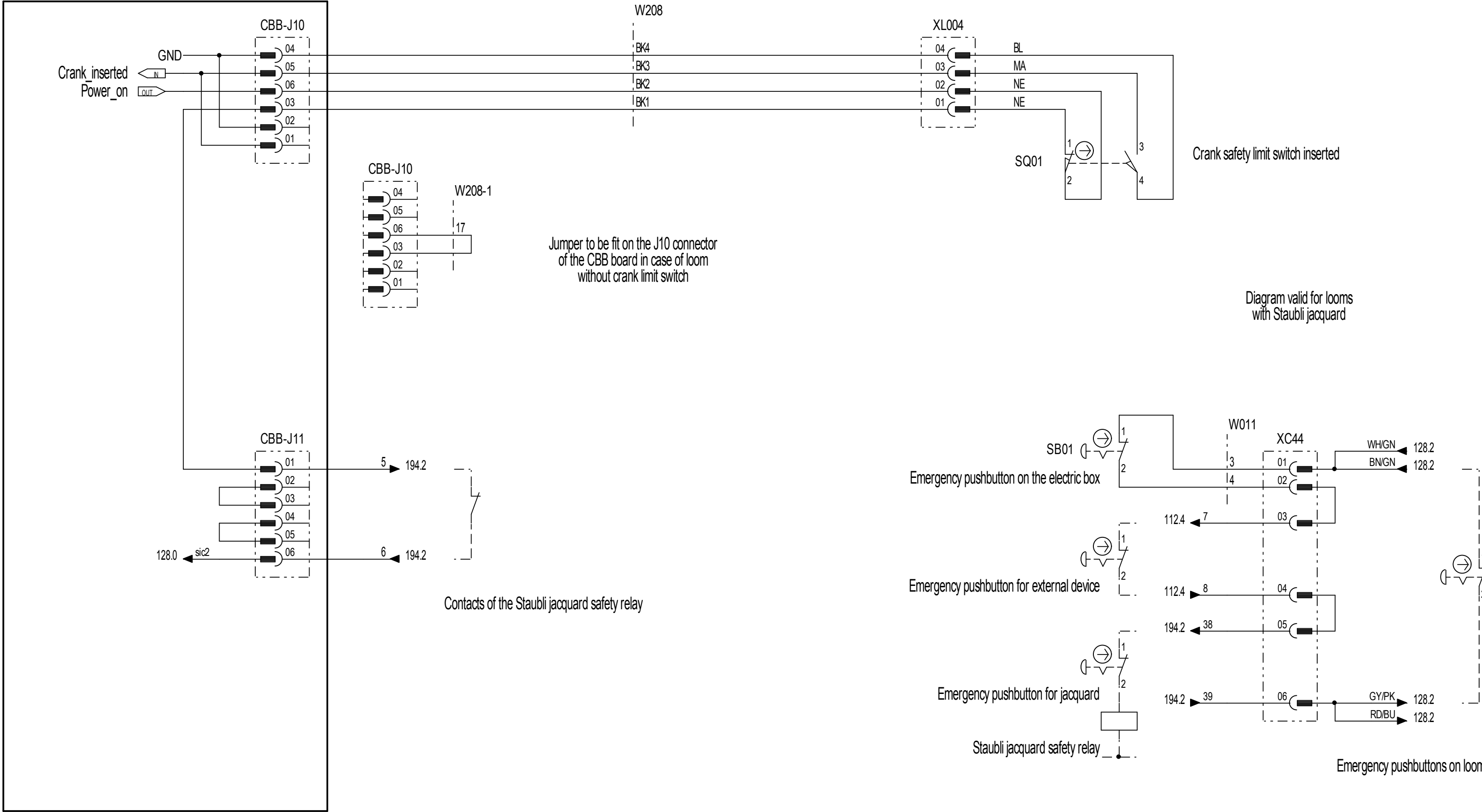


24Vdc maintenance capacitor

CBB



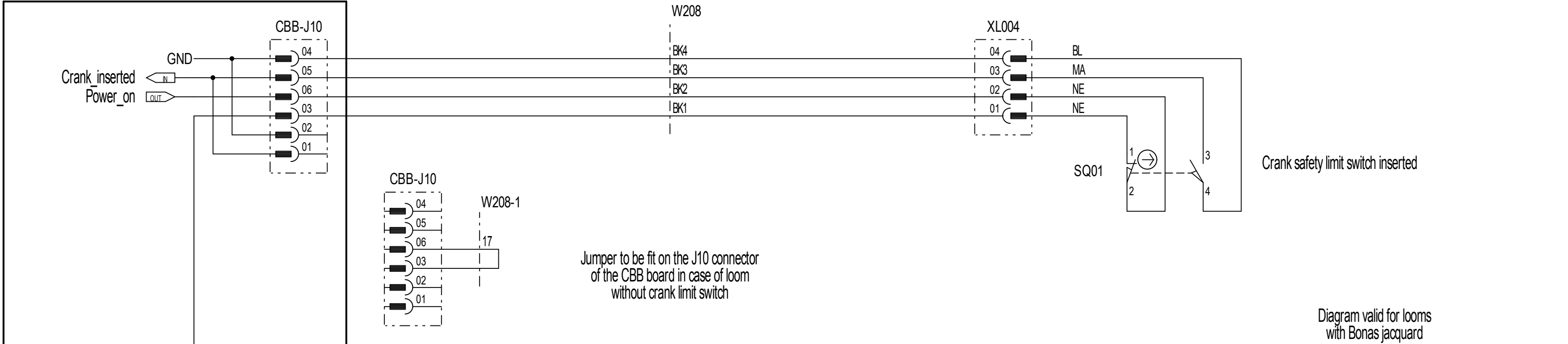
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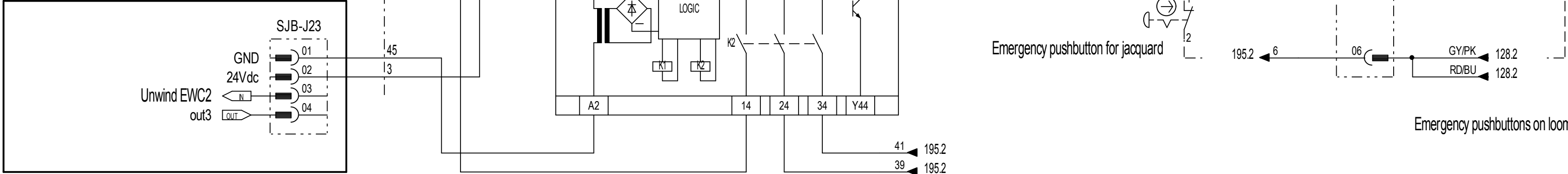
122

124

CBB

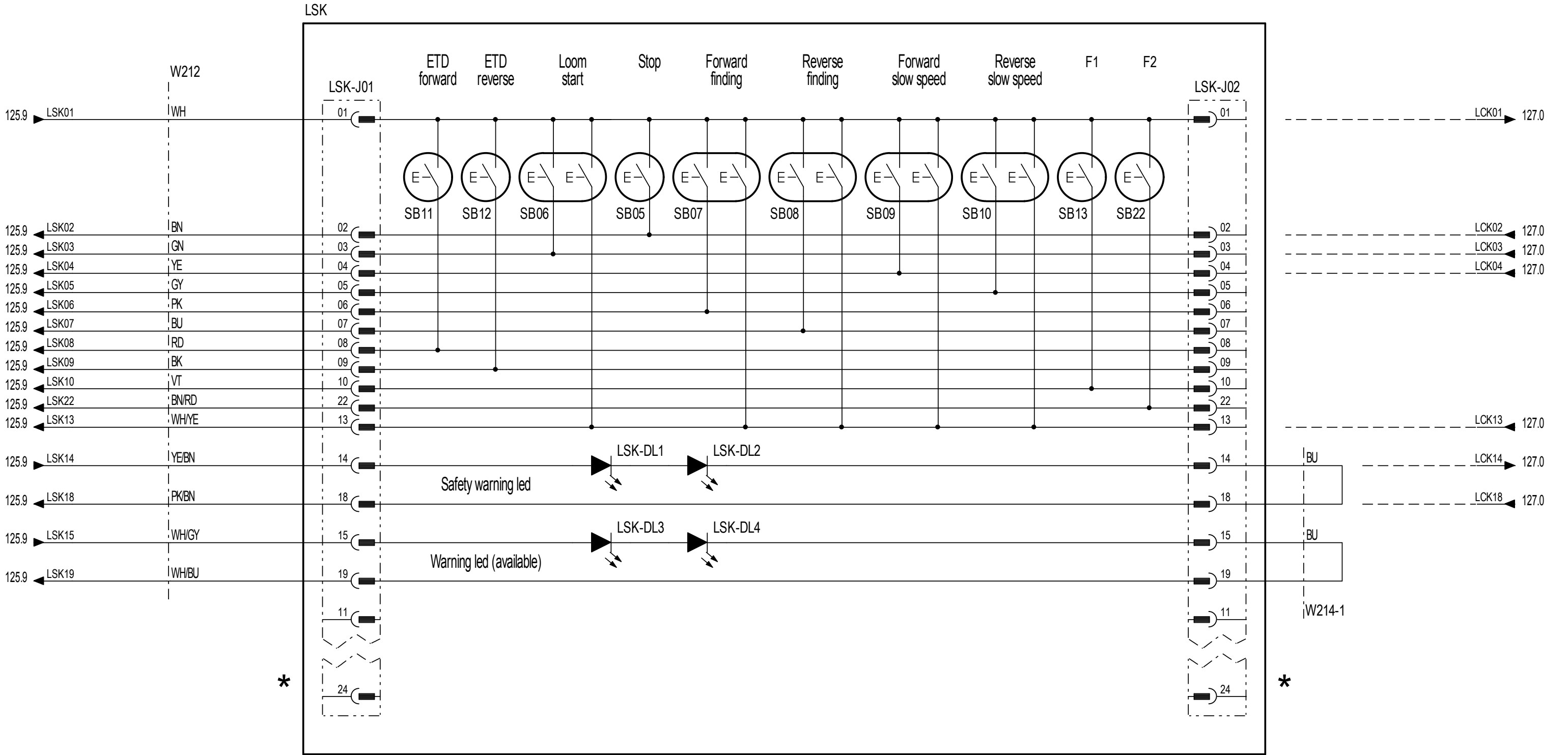


SJB



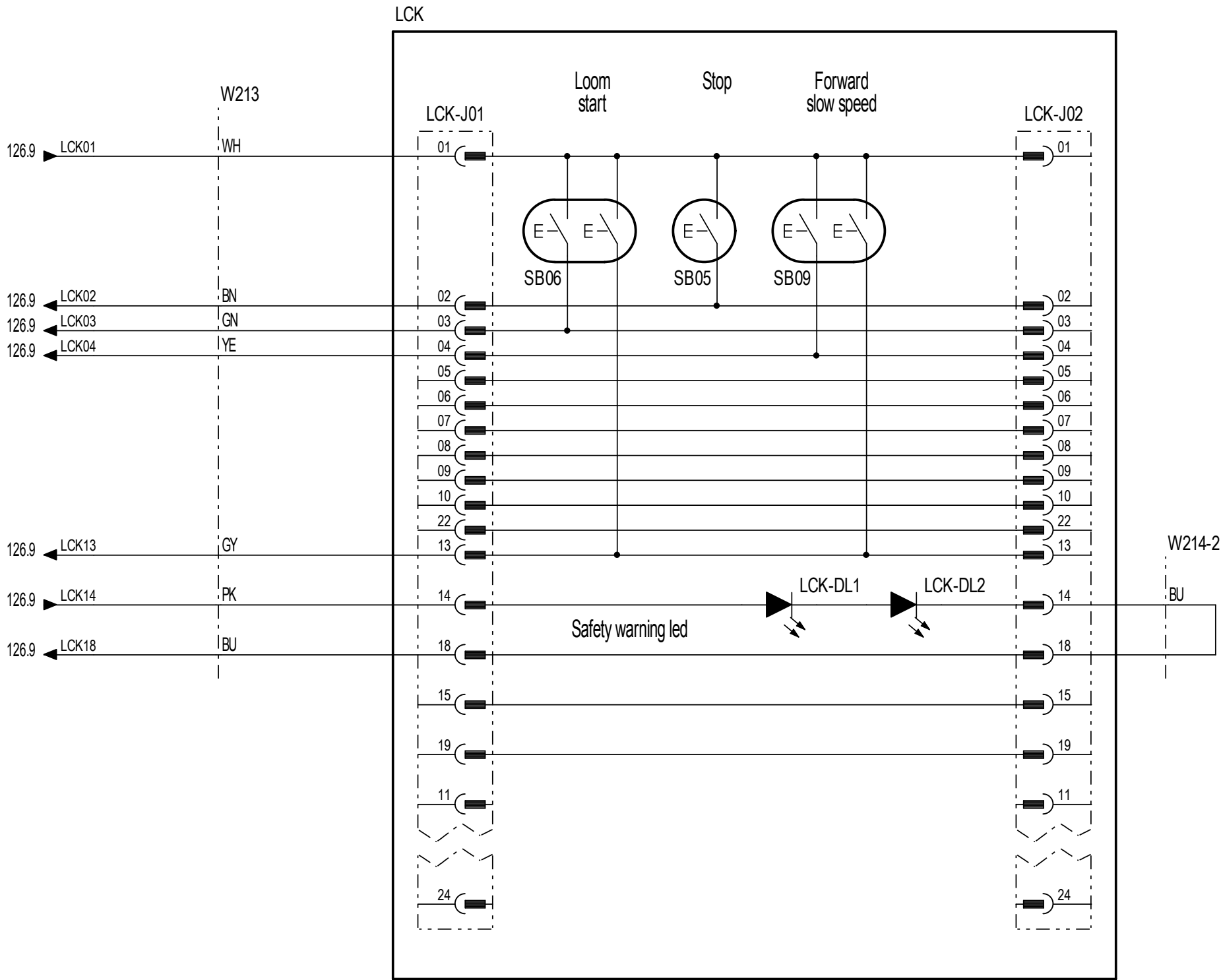
123

125



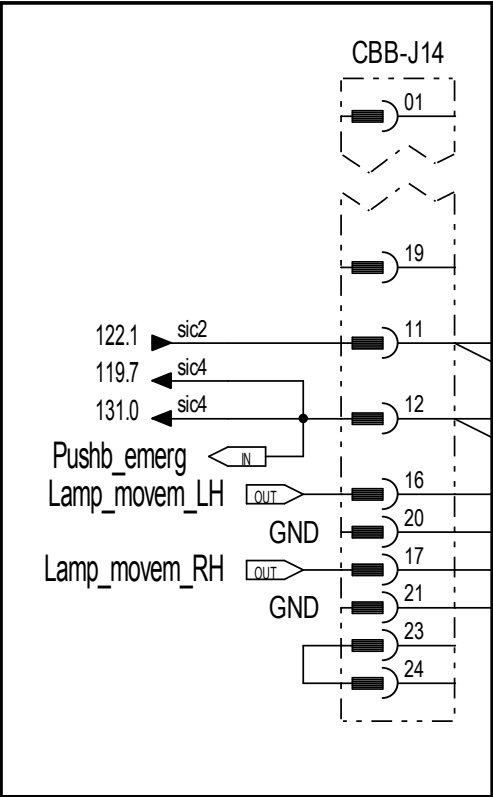
* Connection of the movement lamps and emergency pushbuttons

See page 129.0

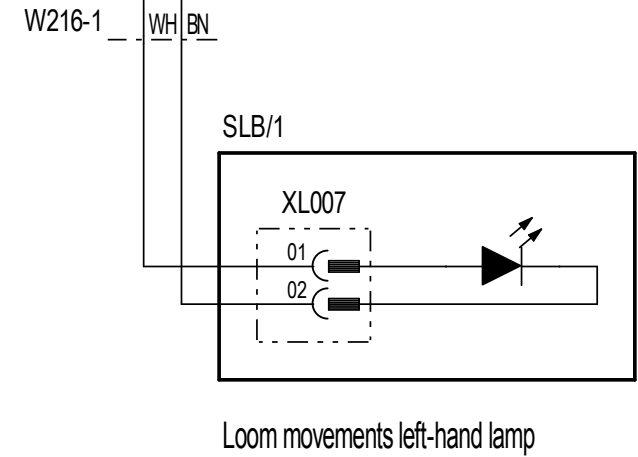
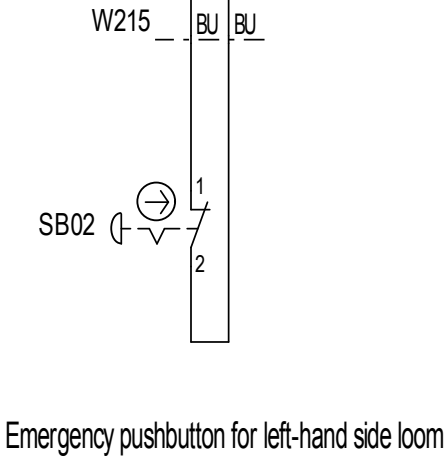
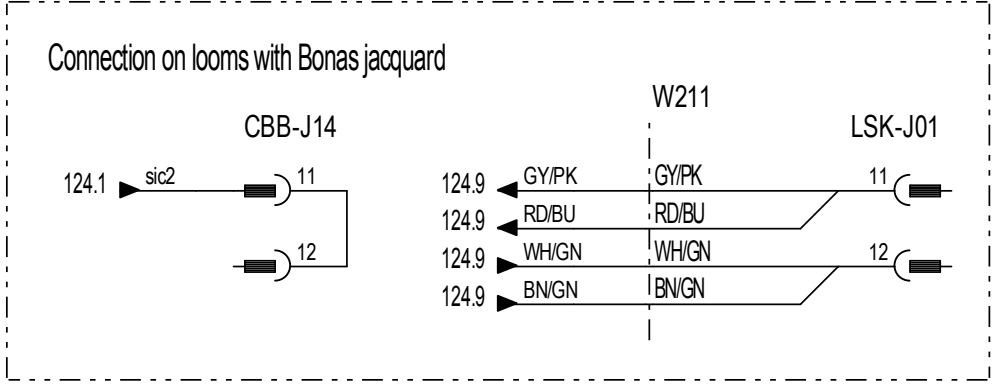
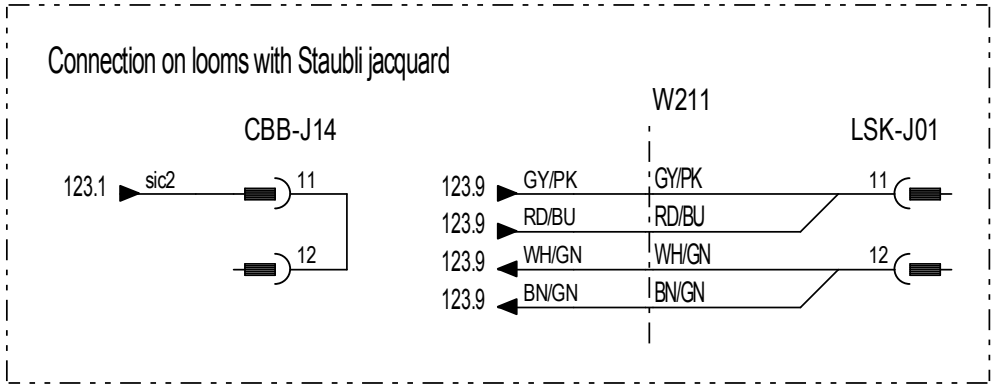
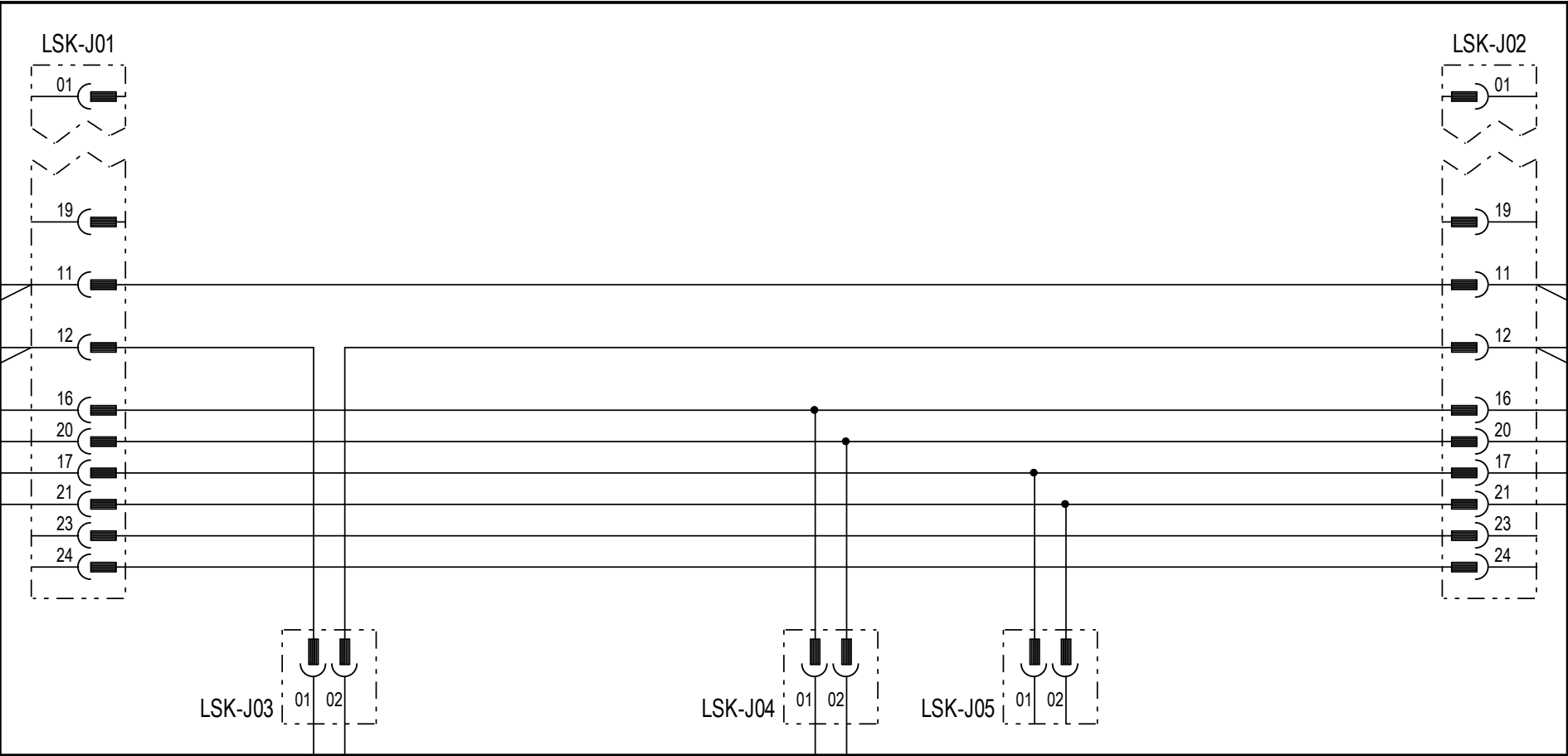


0	1	2	3	4	5	6	7	8	9
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CBB



LSK



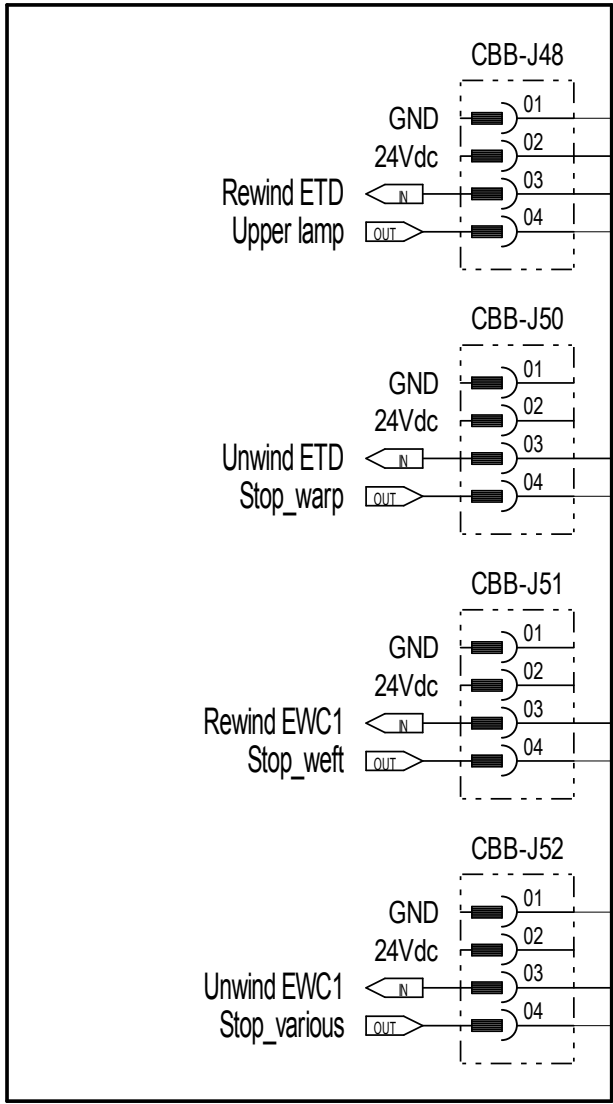
W216-1 wiring and SLB/1 lamp are only present on A9500 looms with CE mark

For A9000 and A9500 looms without CE mark: the JP1 jumper of CBB board must be closed

See page 125.6

Connection of the movement pushbuttons

CBB



E27

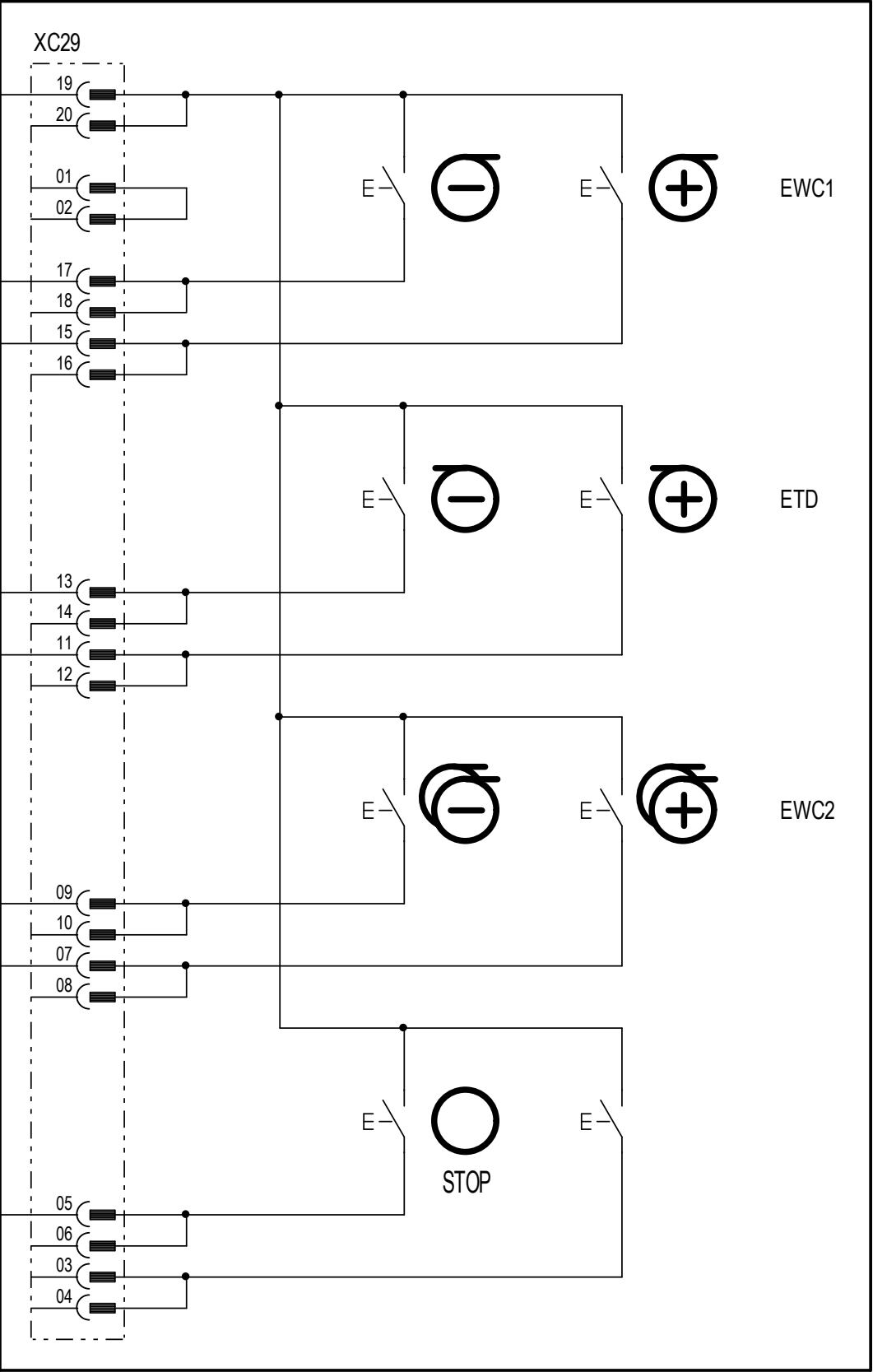
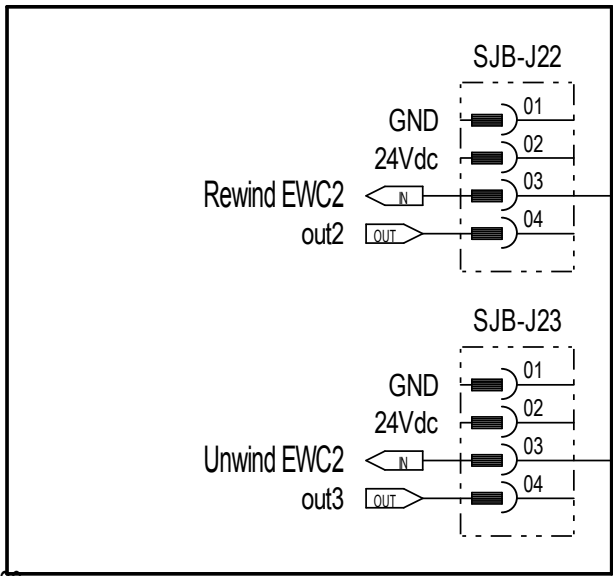


Diagram valid for looms
with EWC-ETD movement pushbuttons
on electric box

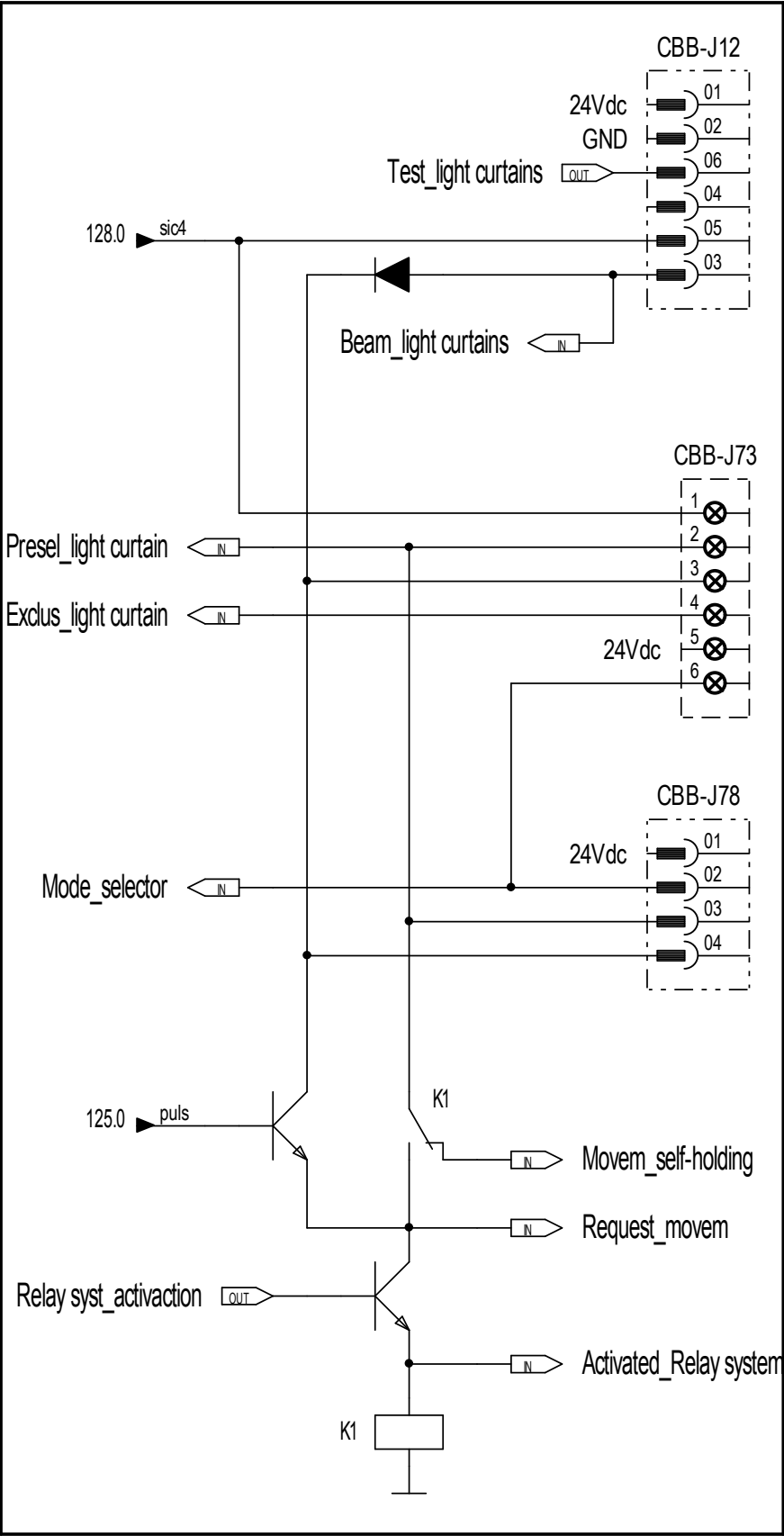
SJB



129

131

CBB



See
page
132.0

Looms with safety light curtains
or single-ray sensors
connected to the SPH board



See
page
133.0

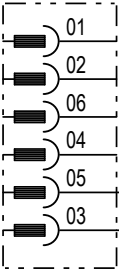
Looms with safety light curtains
connected to the safety module



See
page
134.0

Looms with single-ray sensors
connected to the safety module

CBB-J12



W014-1

13

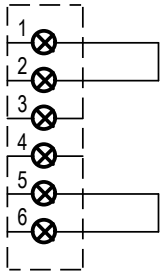
Jumper to be fit on the J12 connector
of the CBB board in case of loom
without safety light curtain
Do not use for looms with CE mark

Terminal board configuration for safety light curtain preselection

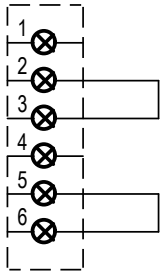
control during the
activation of relay system

always
activated control

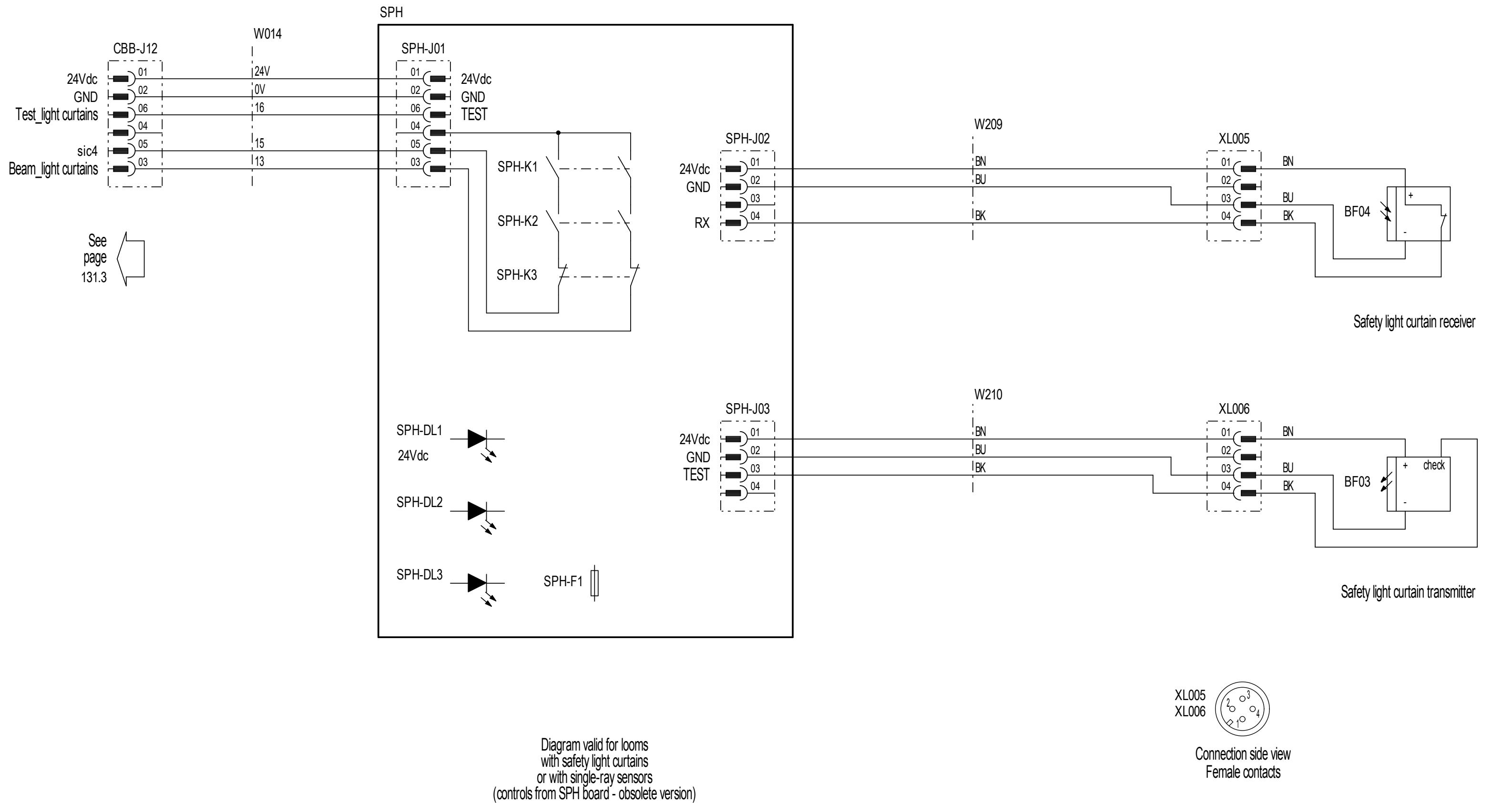
CBB-J73

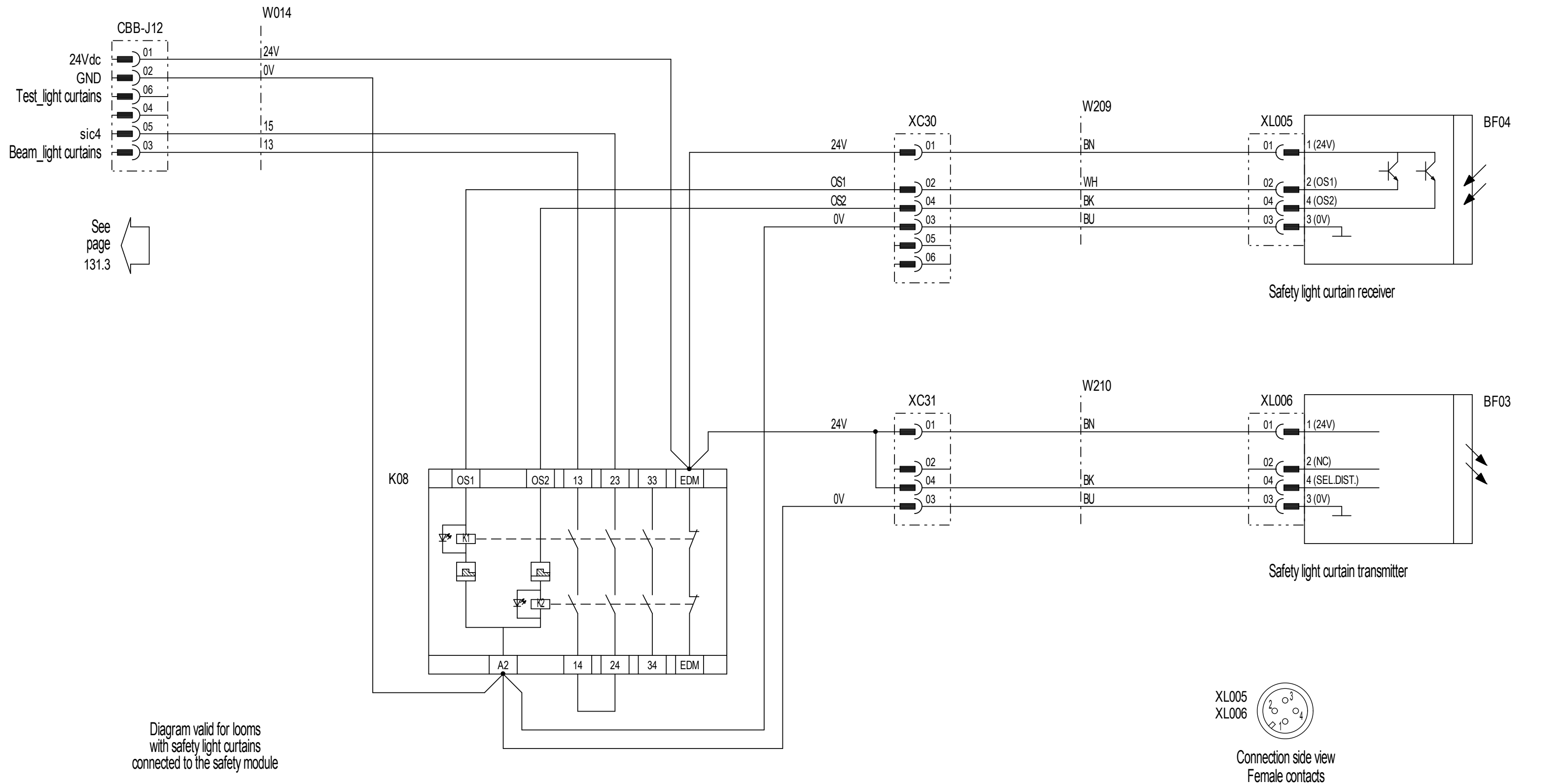


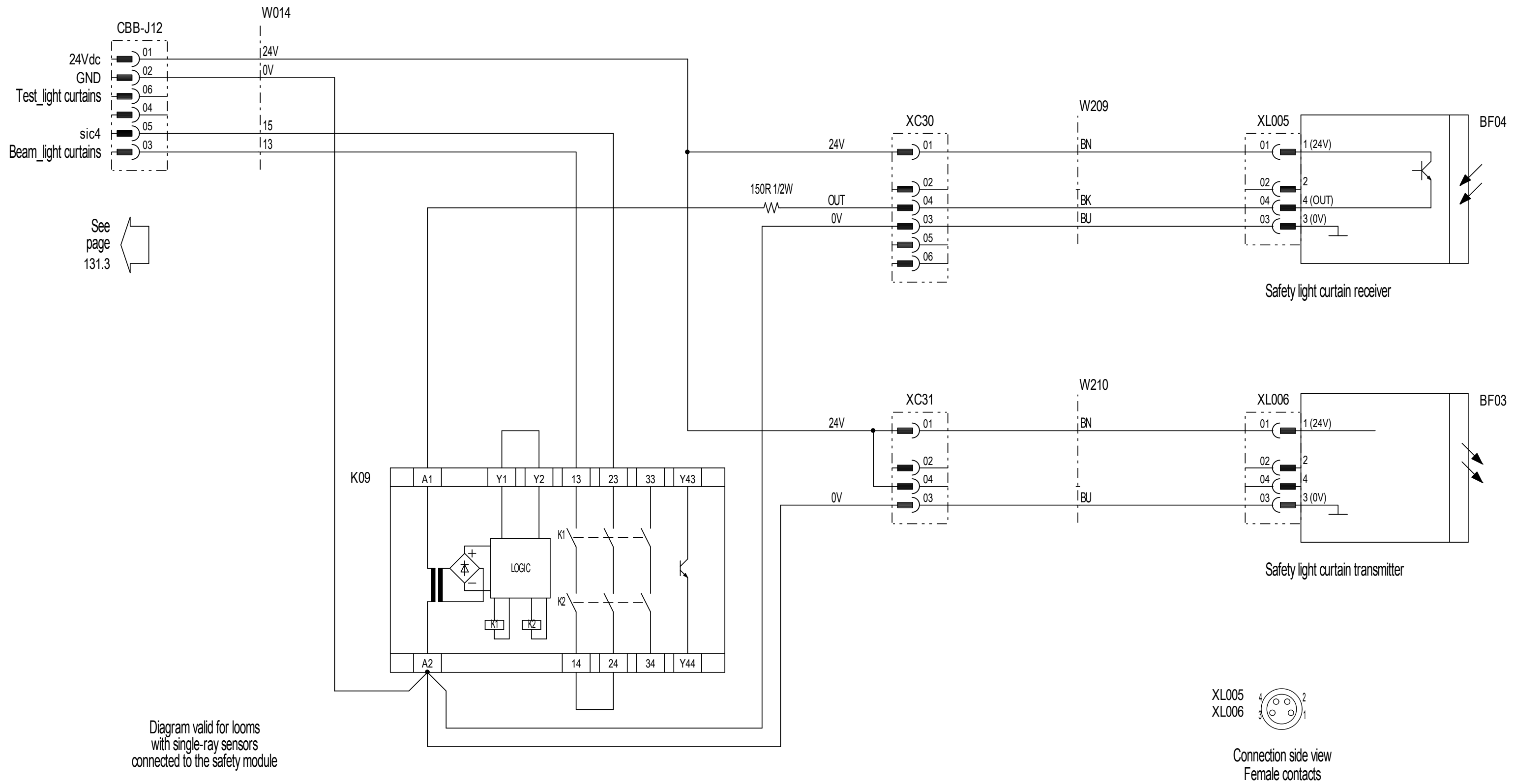
CBB-J73

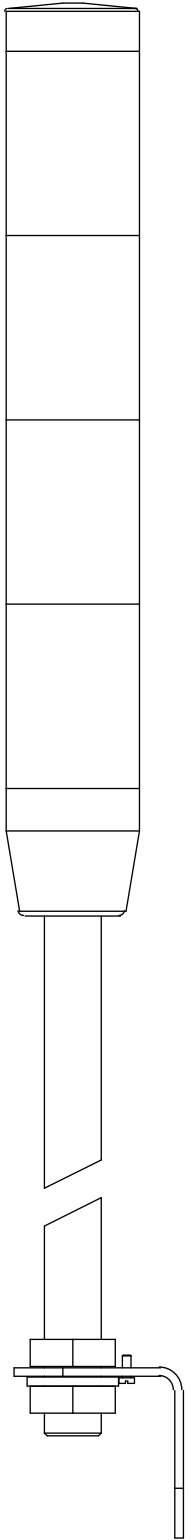
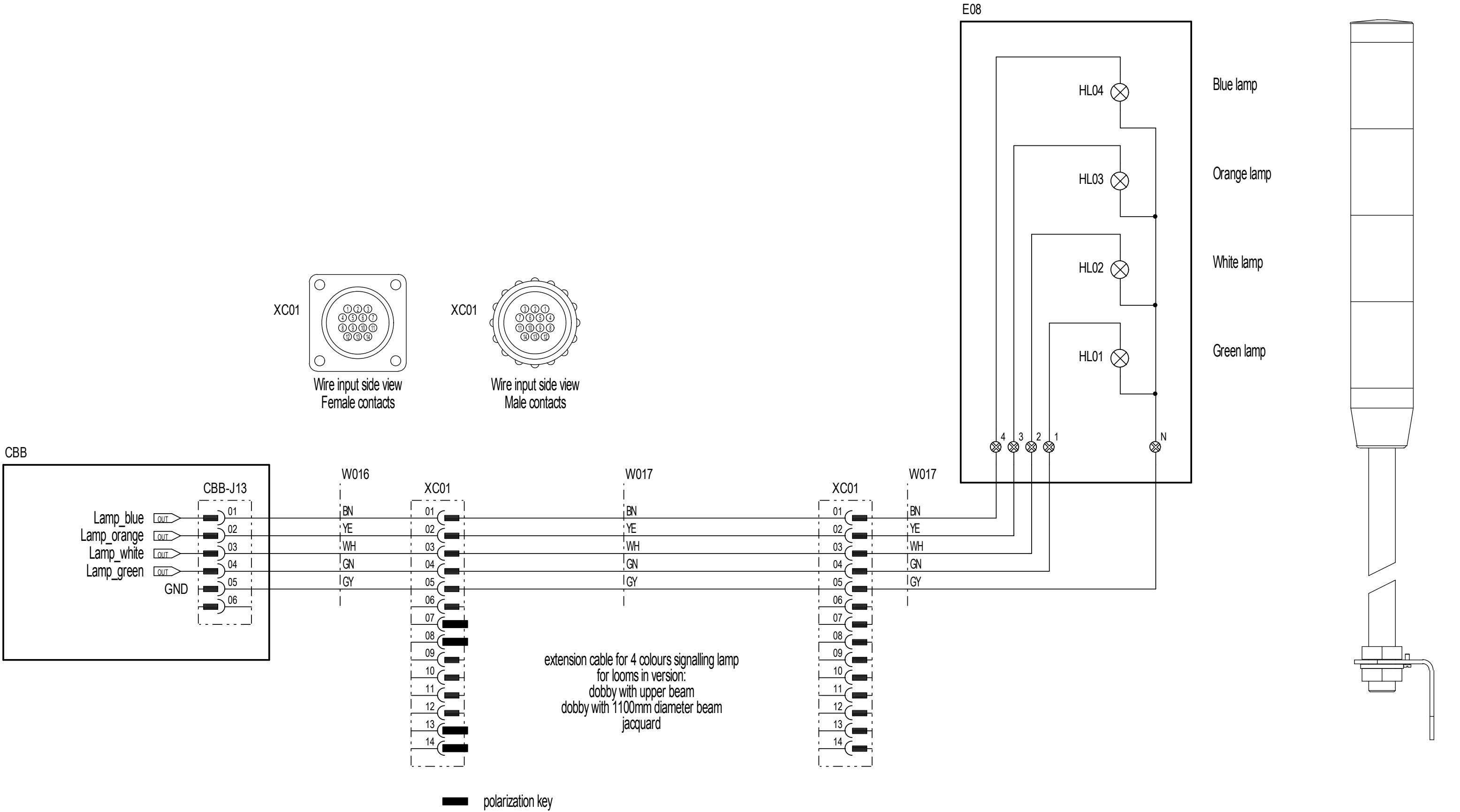


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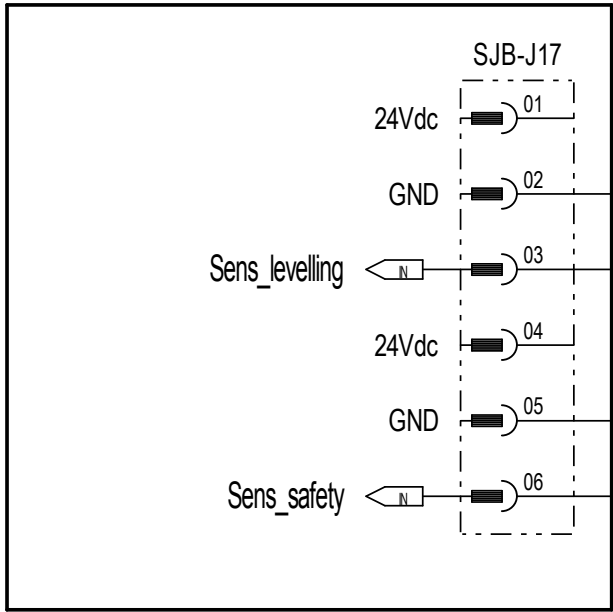








SJB



W217-1

WH

BN

GN

YE

E19-2

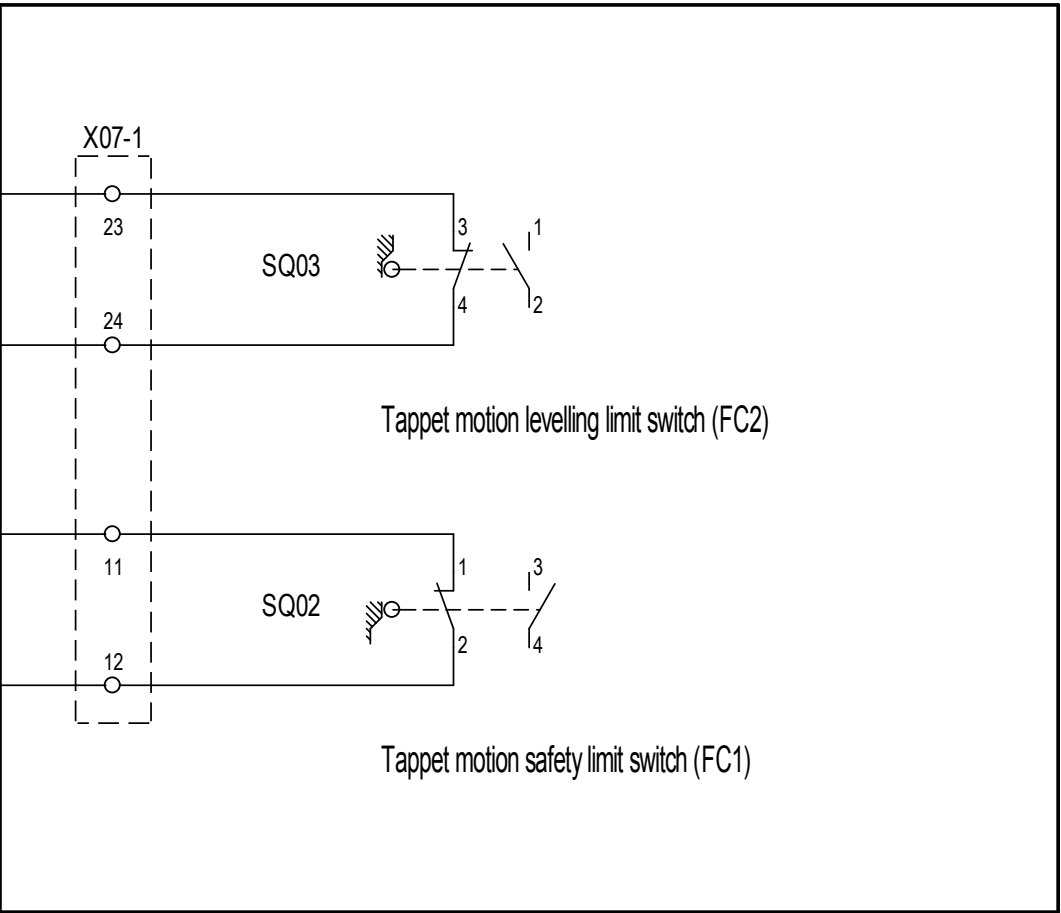
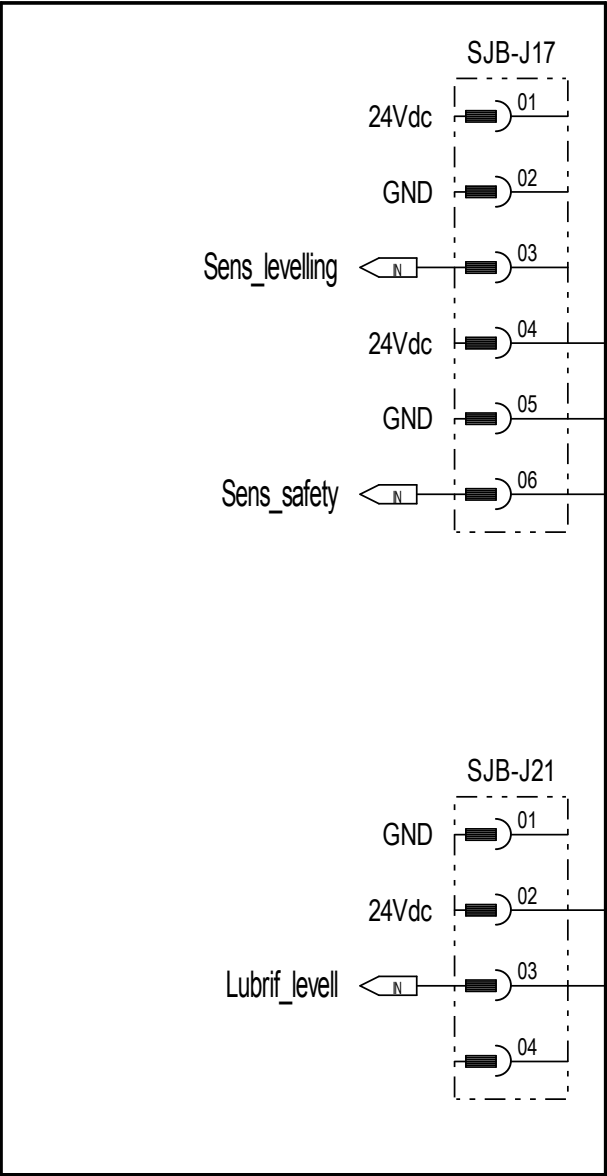


Diagram valid for looms
with STAUBLI S1361 tappet motion

SJB



E19-3

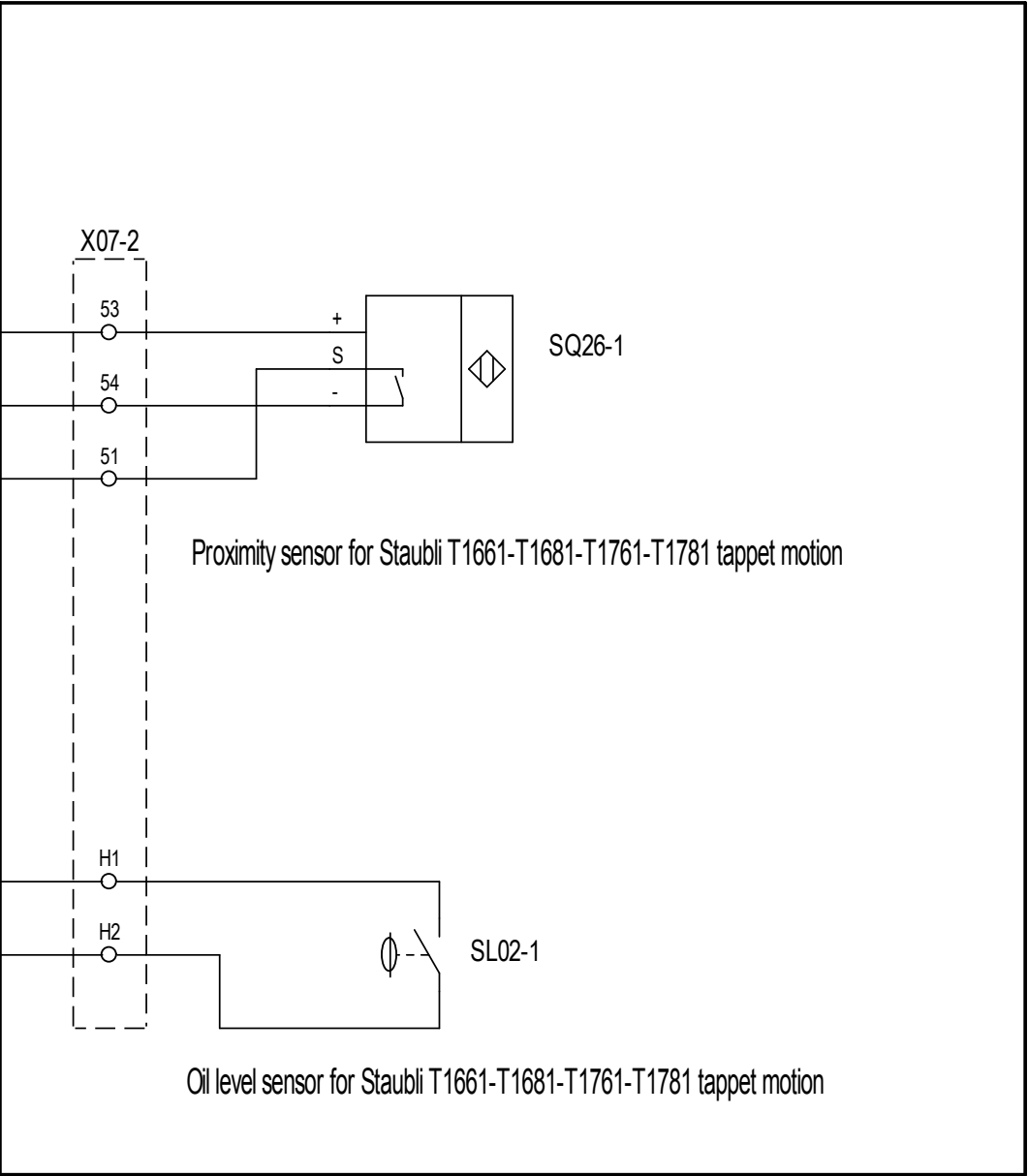
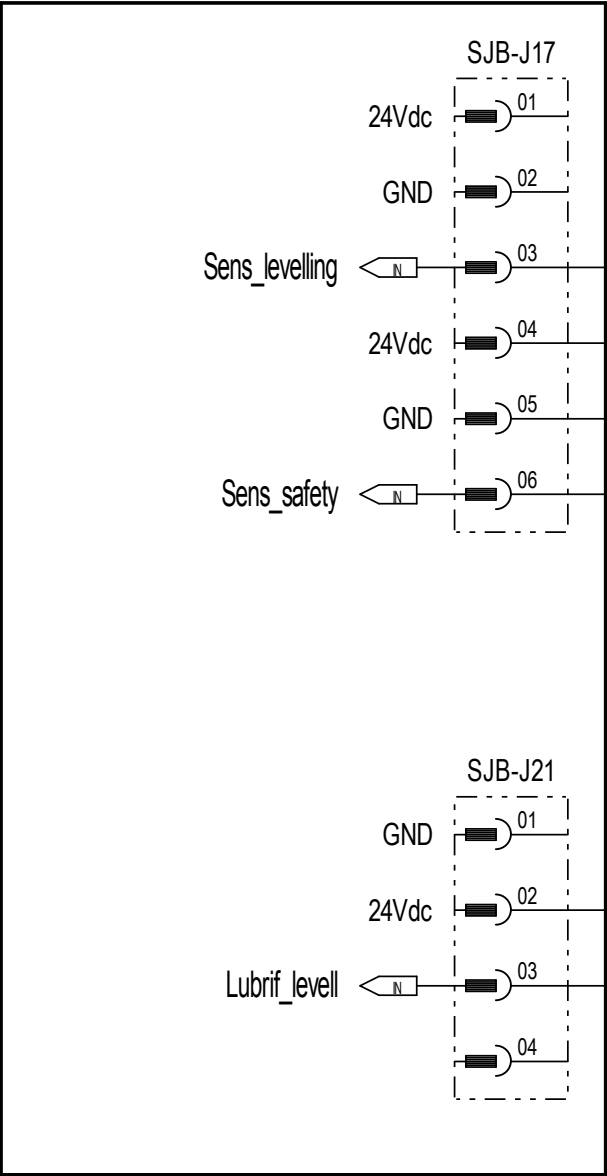


Diagram valid for looms
with STAUBLI T1661-T1681-T1761-T1781 tappet motion

SJB



W217-4

PK

WH

BN

GN

YE

GY

XL247-1

06

03

05

04

02

01

E19-4

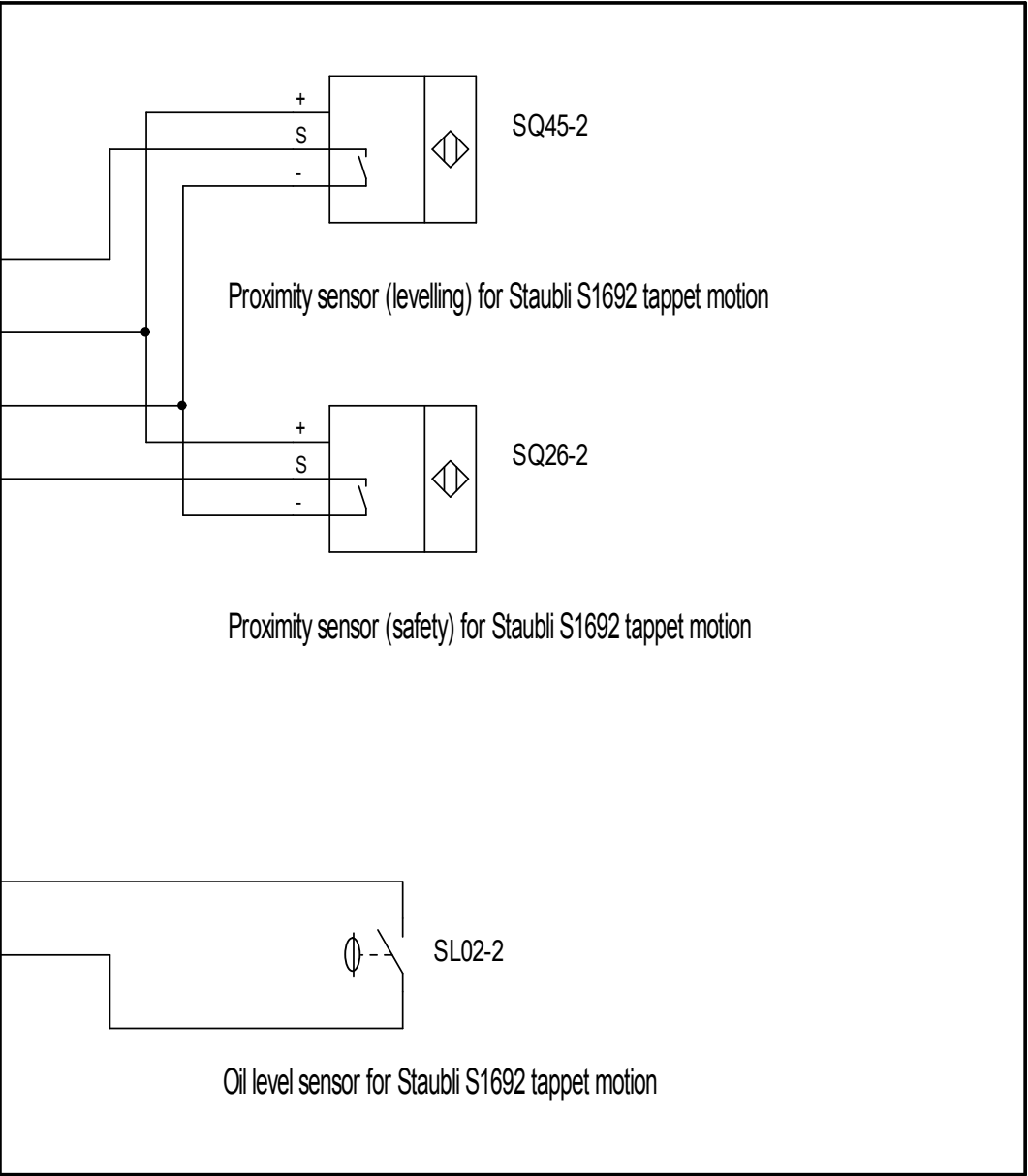
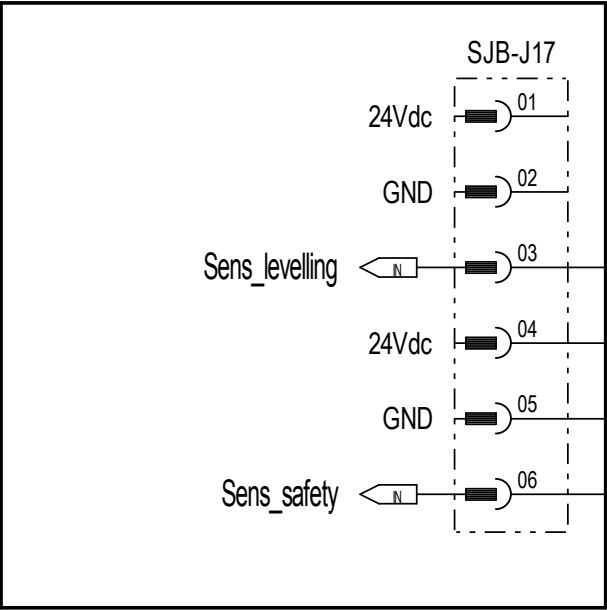
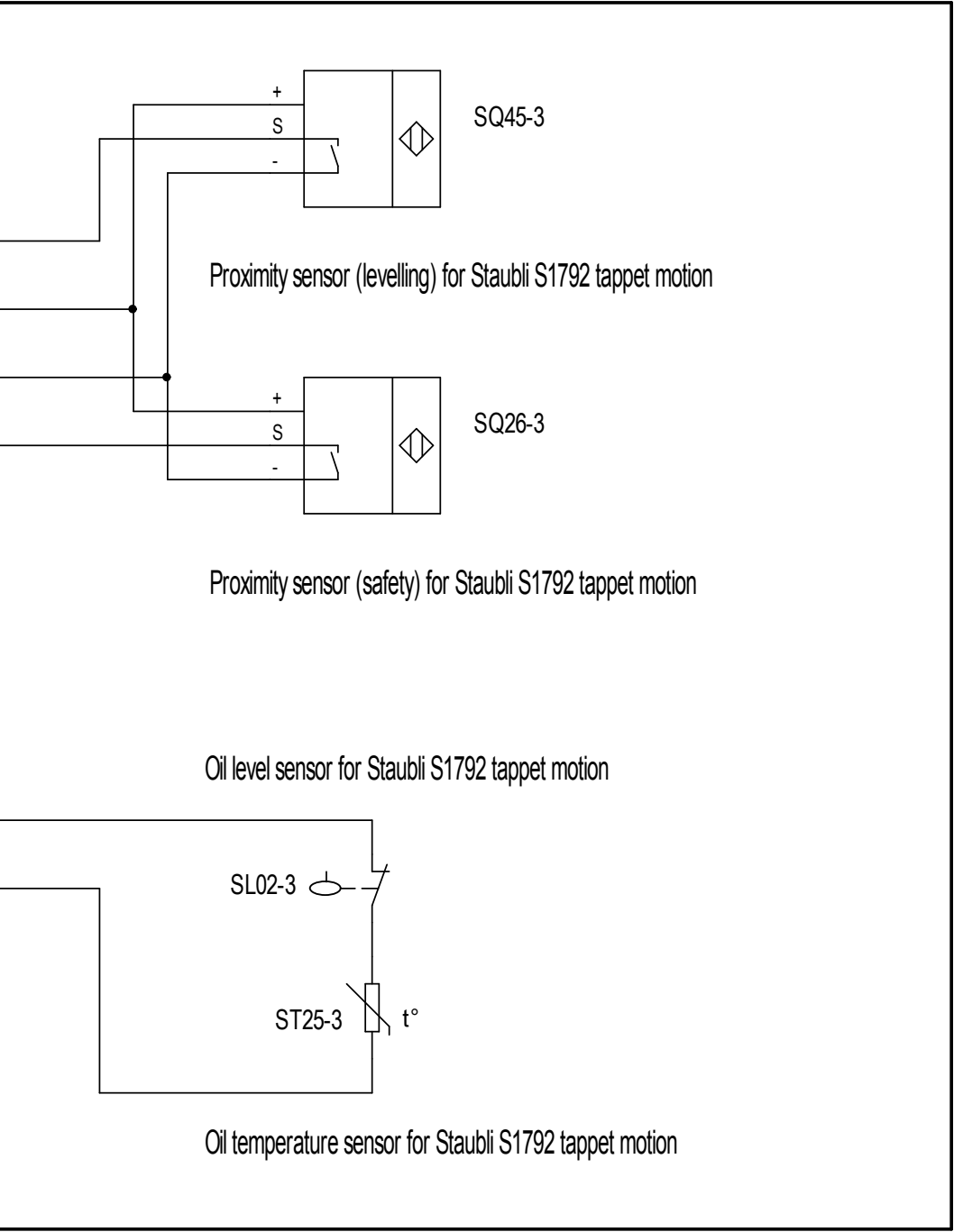


Diagram valid for looms
with STAUBLI S1692 tappet motion

SJB



E19-5



CBB

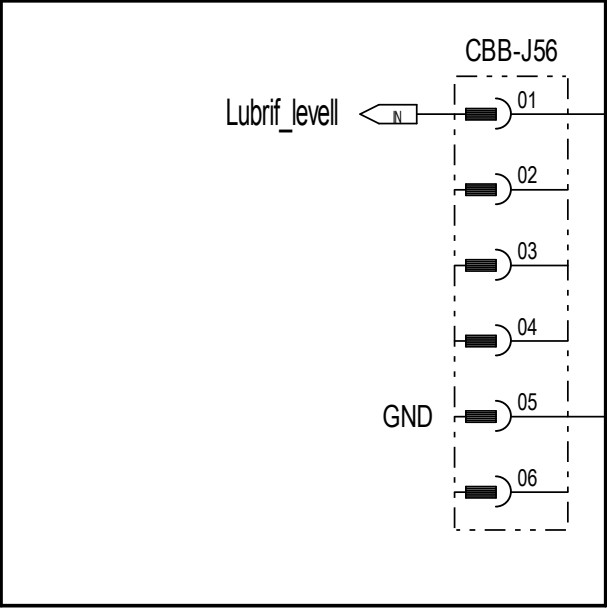
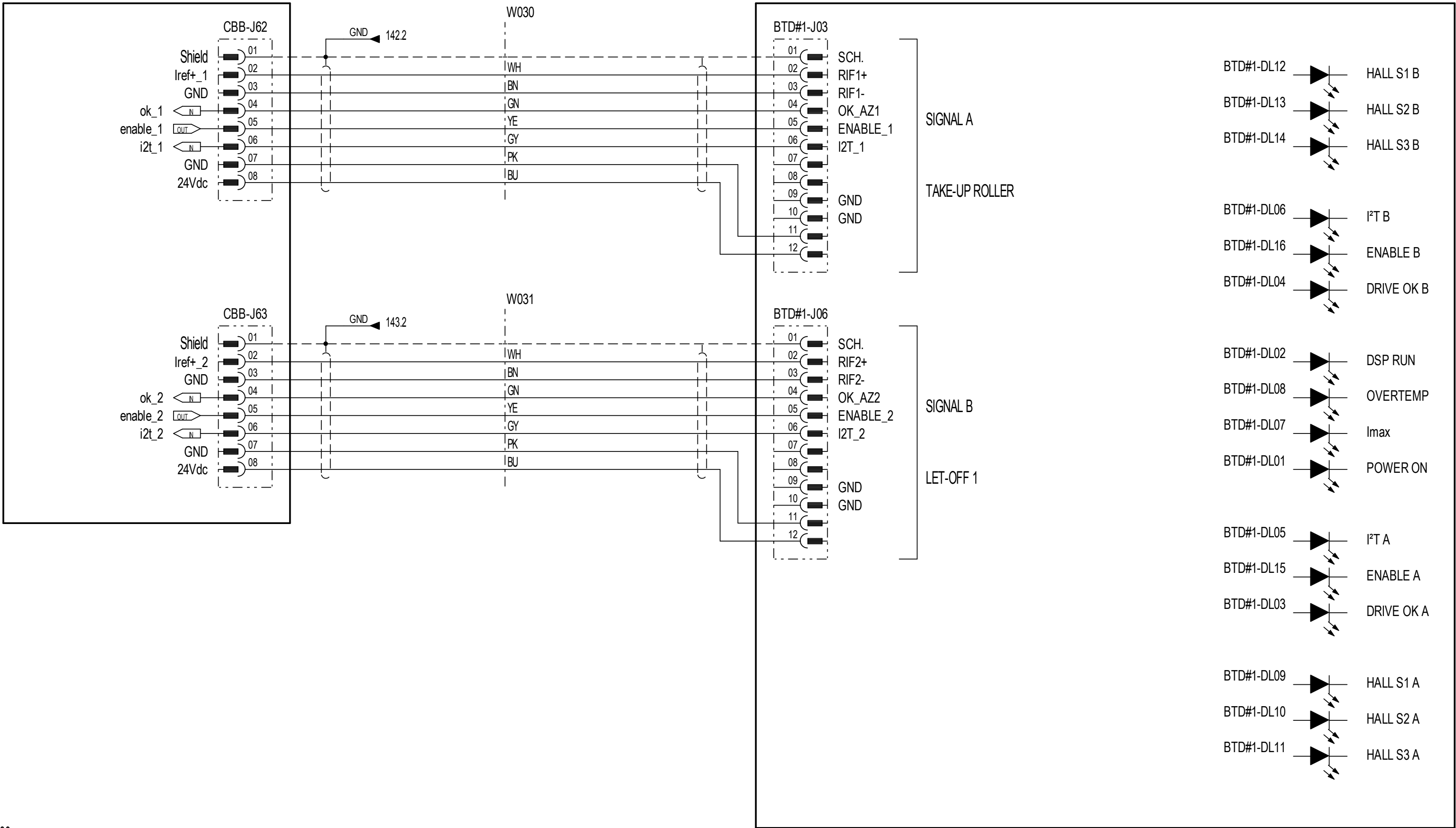


Diagram valid for looms
with STAUBLI S1792 tappet motion

CBB

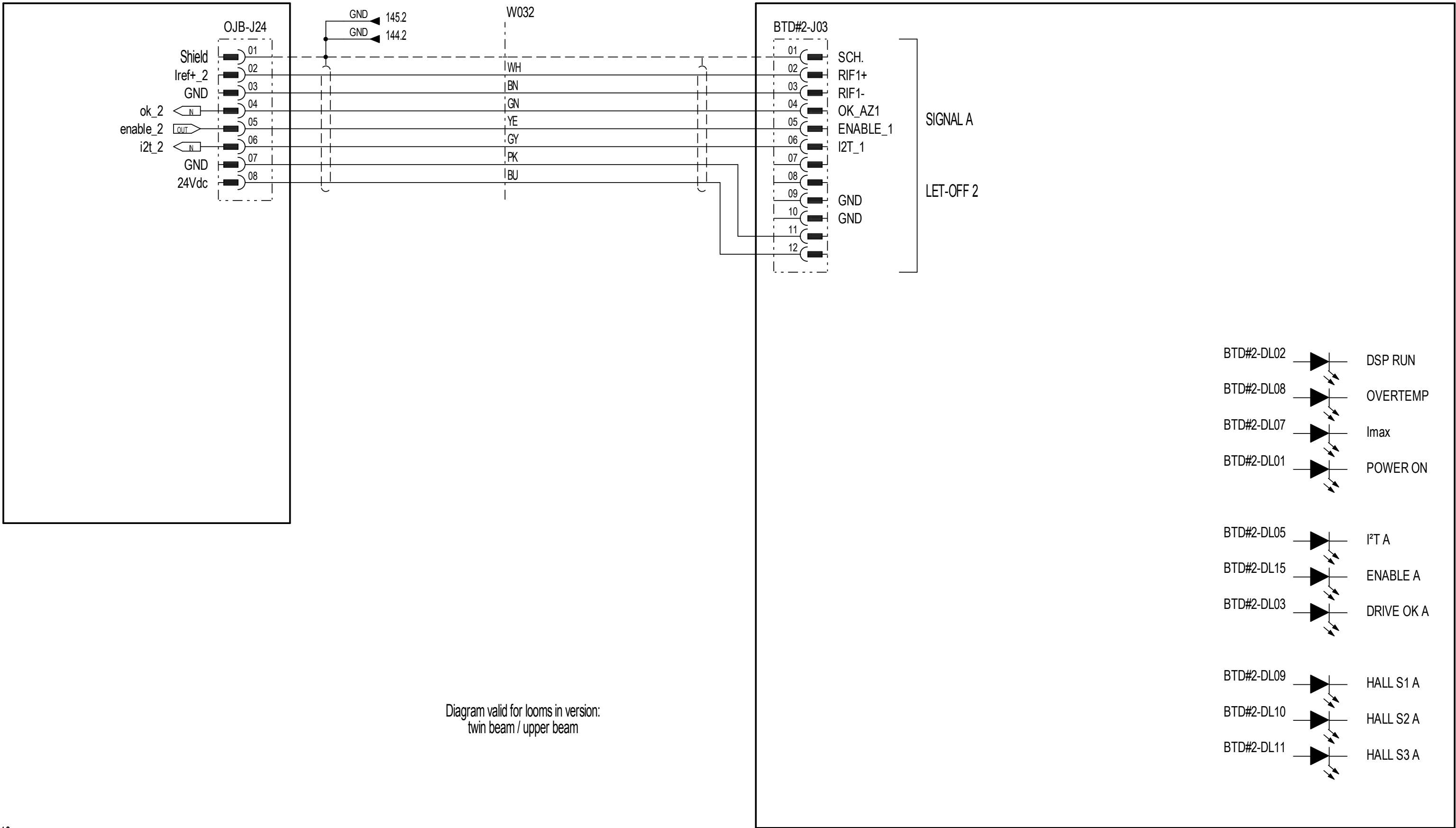
BTD#1 ETD+EWC1

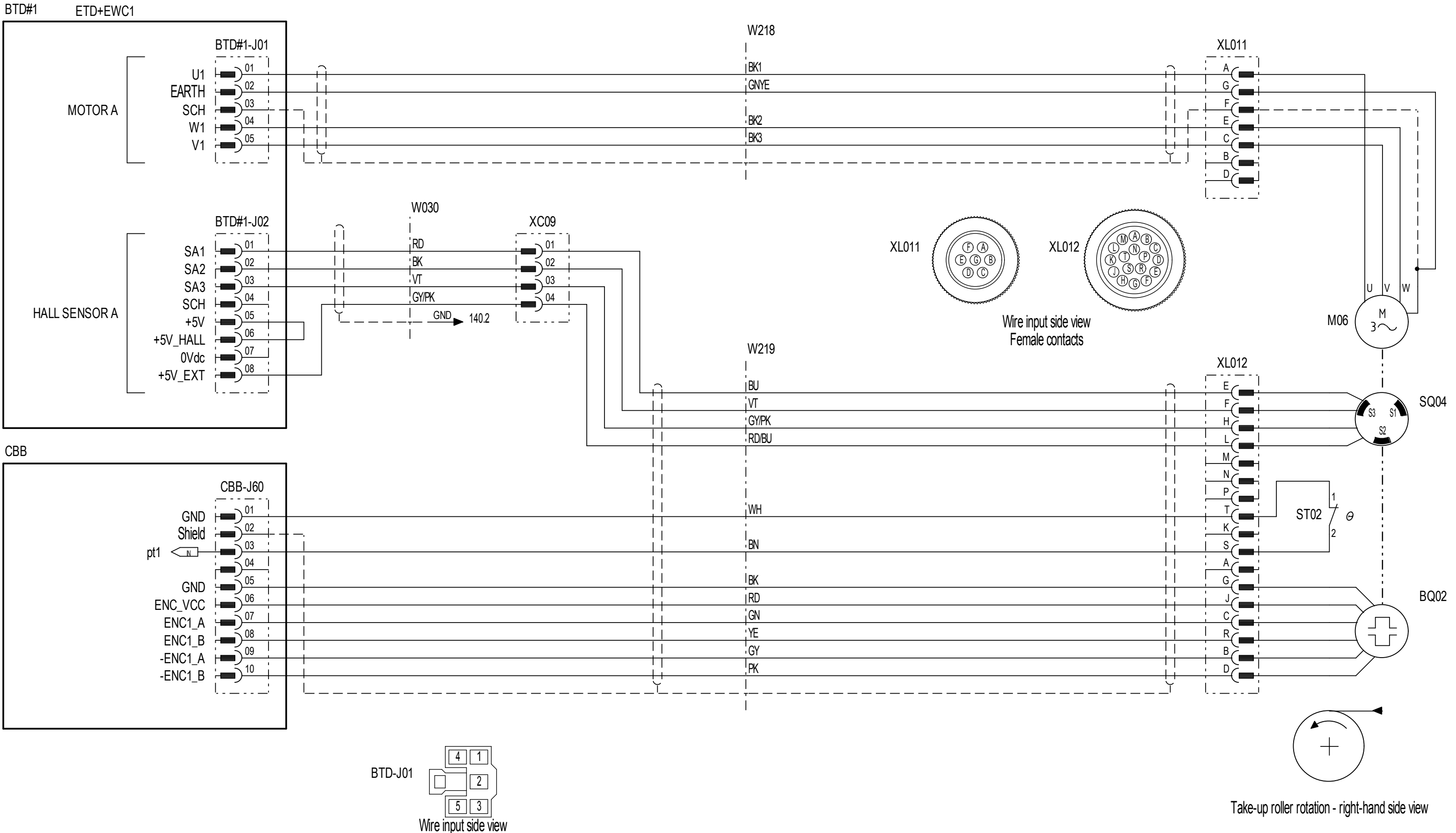


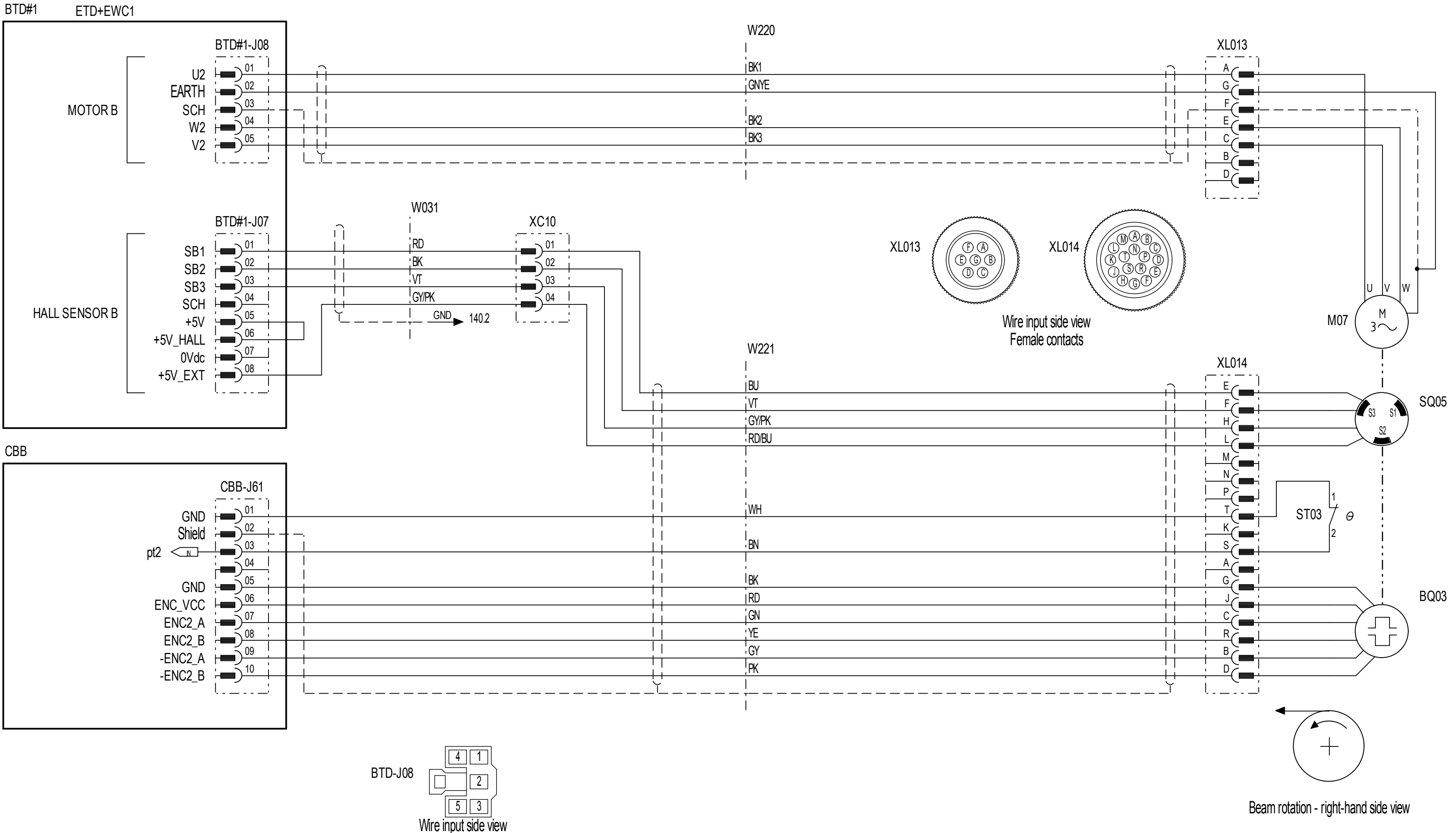
OJB

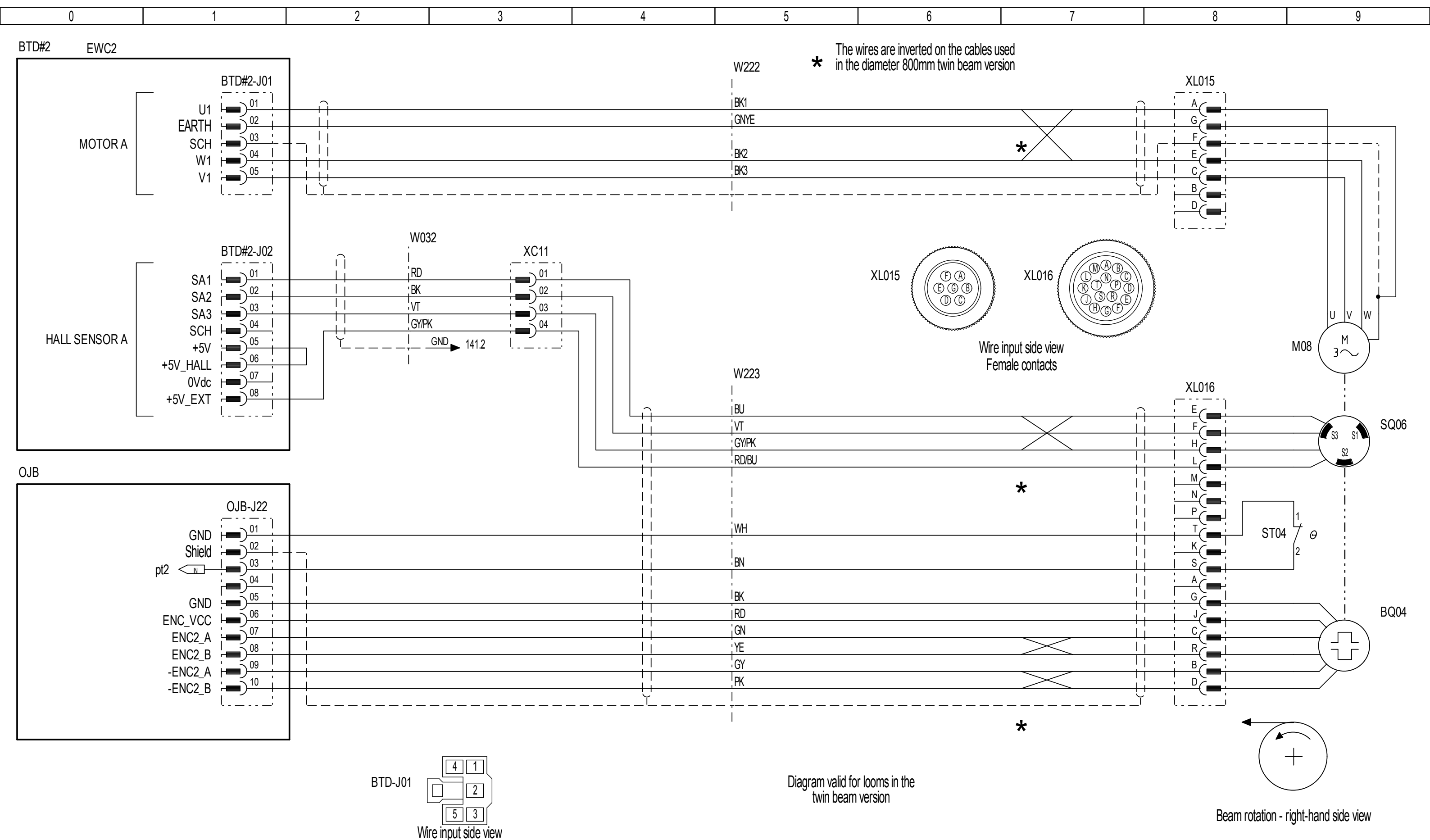
BTD#2

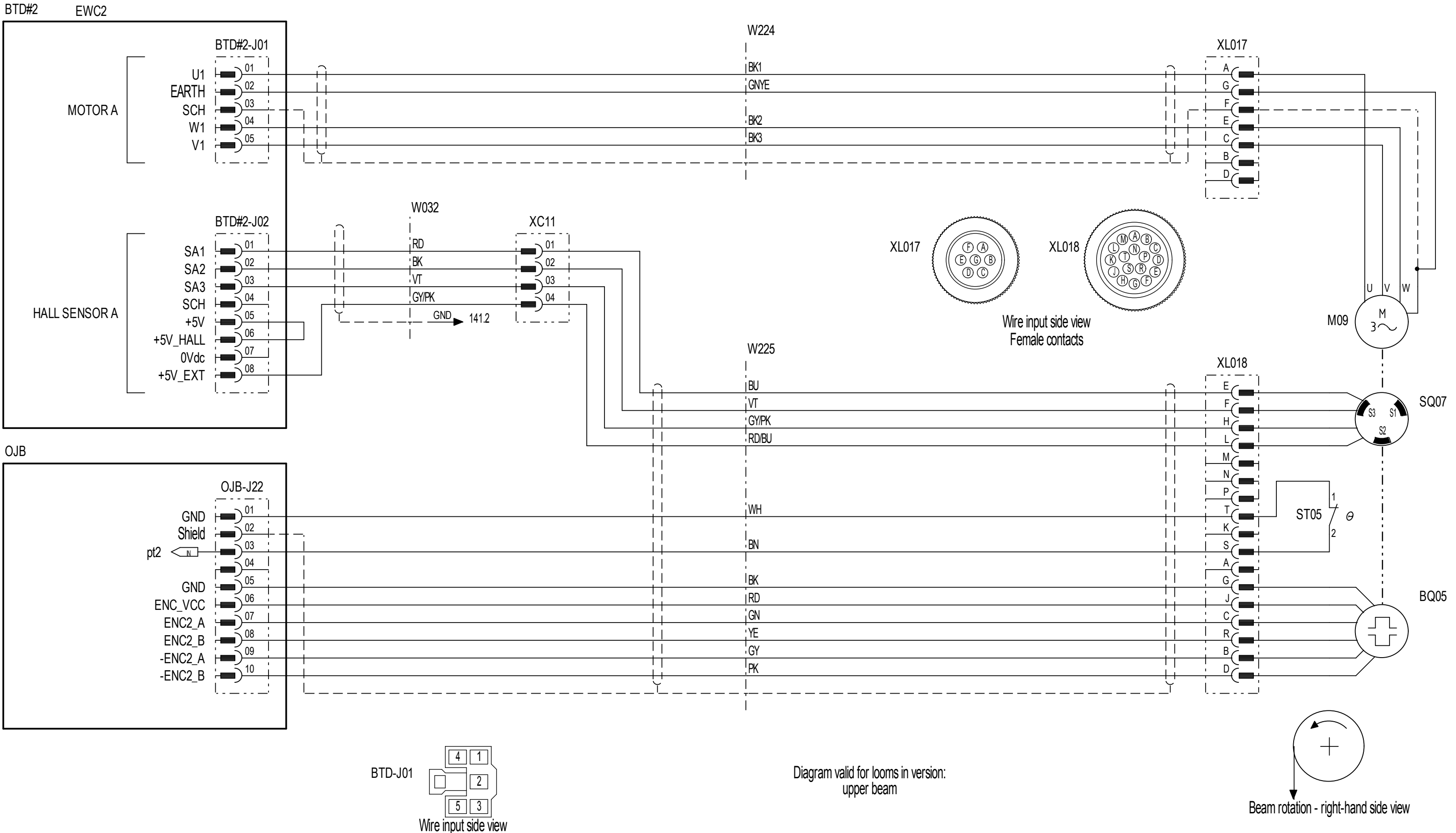
EWC2





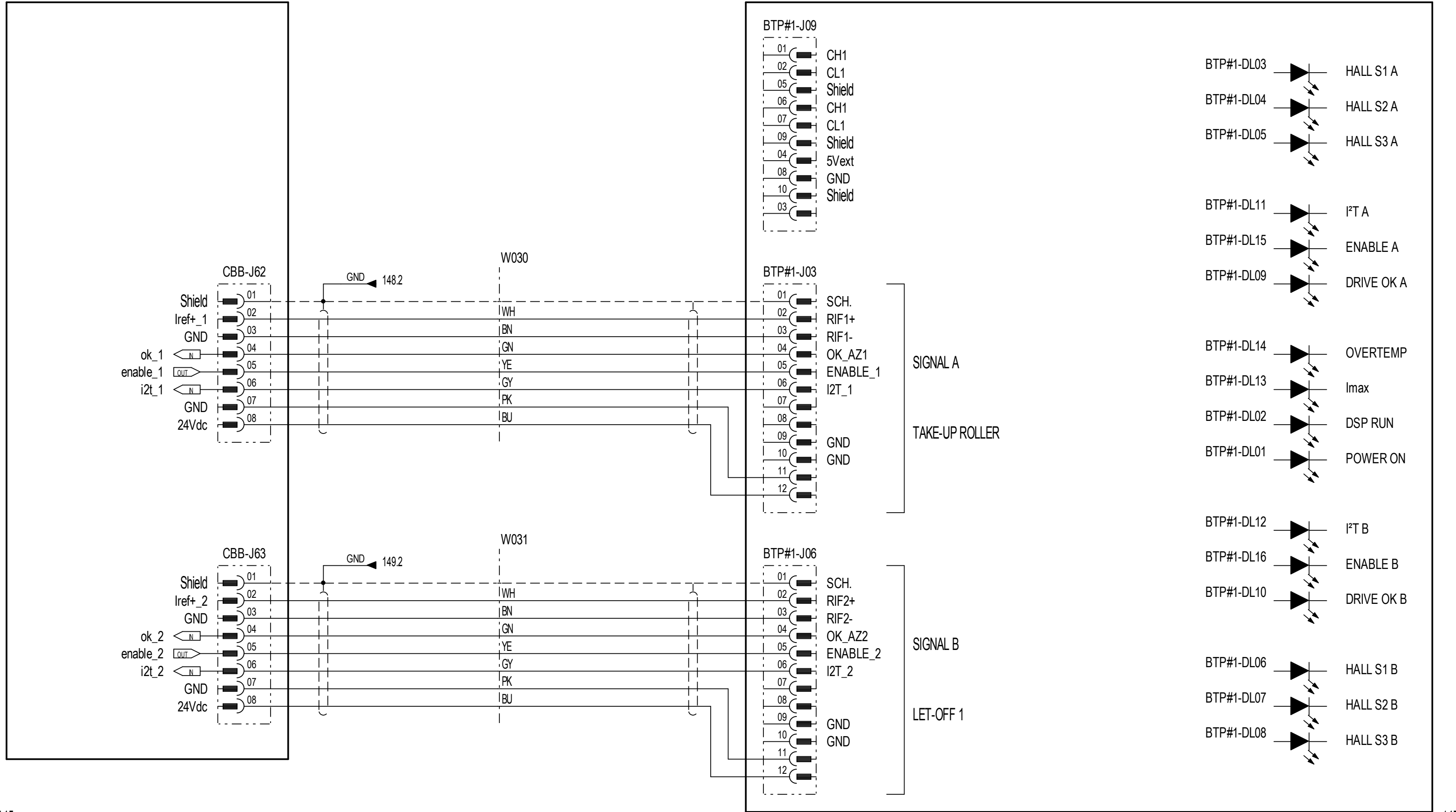






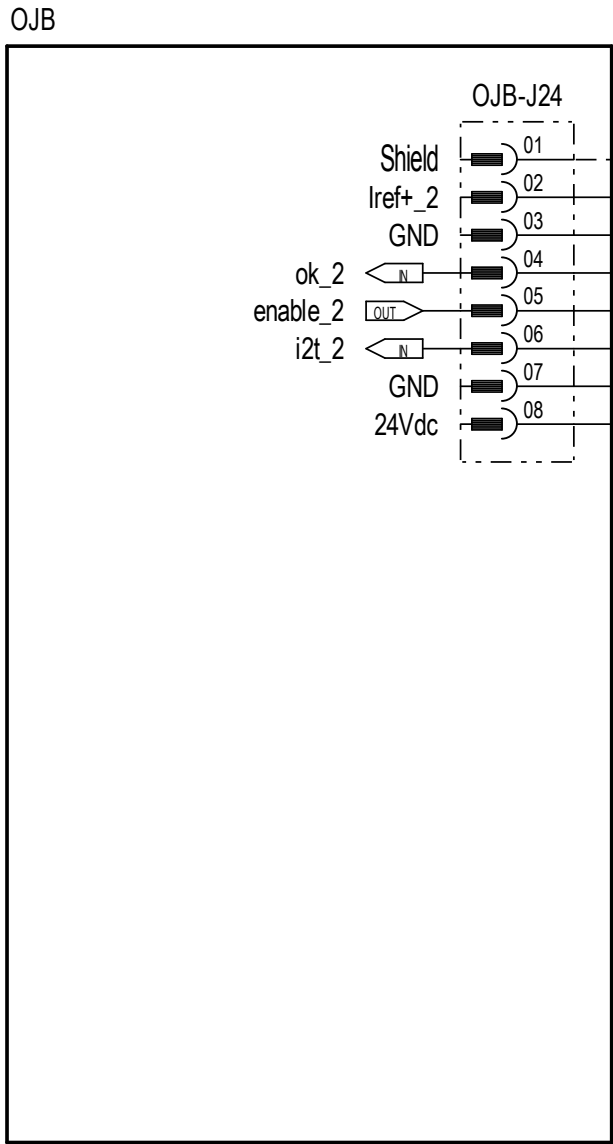
CBB

BTP#1 ETD+EWC1



145

147



GND 151.2
GND 150.2

W032

IWH
IBN
IGN
YE
GY
PK
IBU

BTP#2 EWC2

BTP#2-J09

01 CH1
02 CL1
05 Shield
06 CH1
07 CL1
09 Shield
04 5Vext
08 GND
10 Shield
03

BTP#2-J03

01 SCH.
02 RIF1+
03 RIF1-
04 OK_AZ1
05 ENABLE_1
06 I2T_1
07
08
09 GND
10 GND
11
12

SIGNAL A

LET-OFF 2

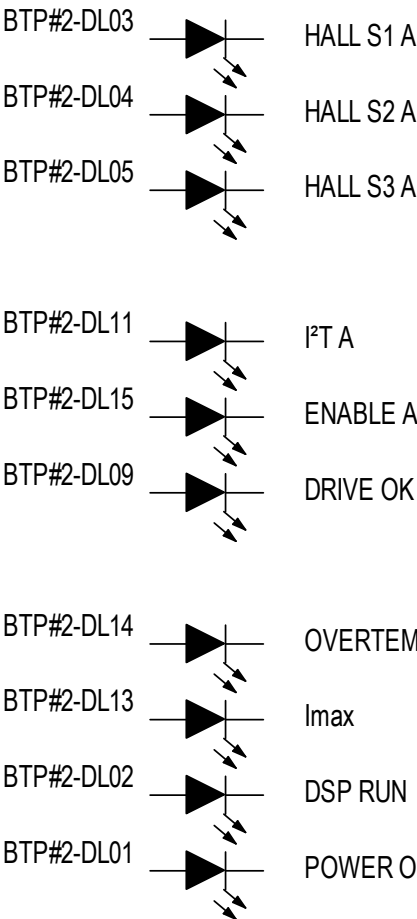
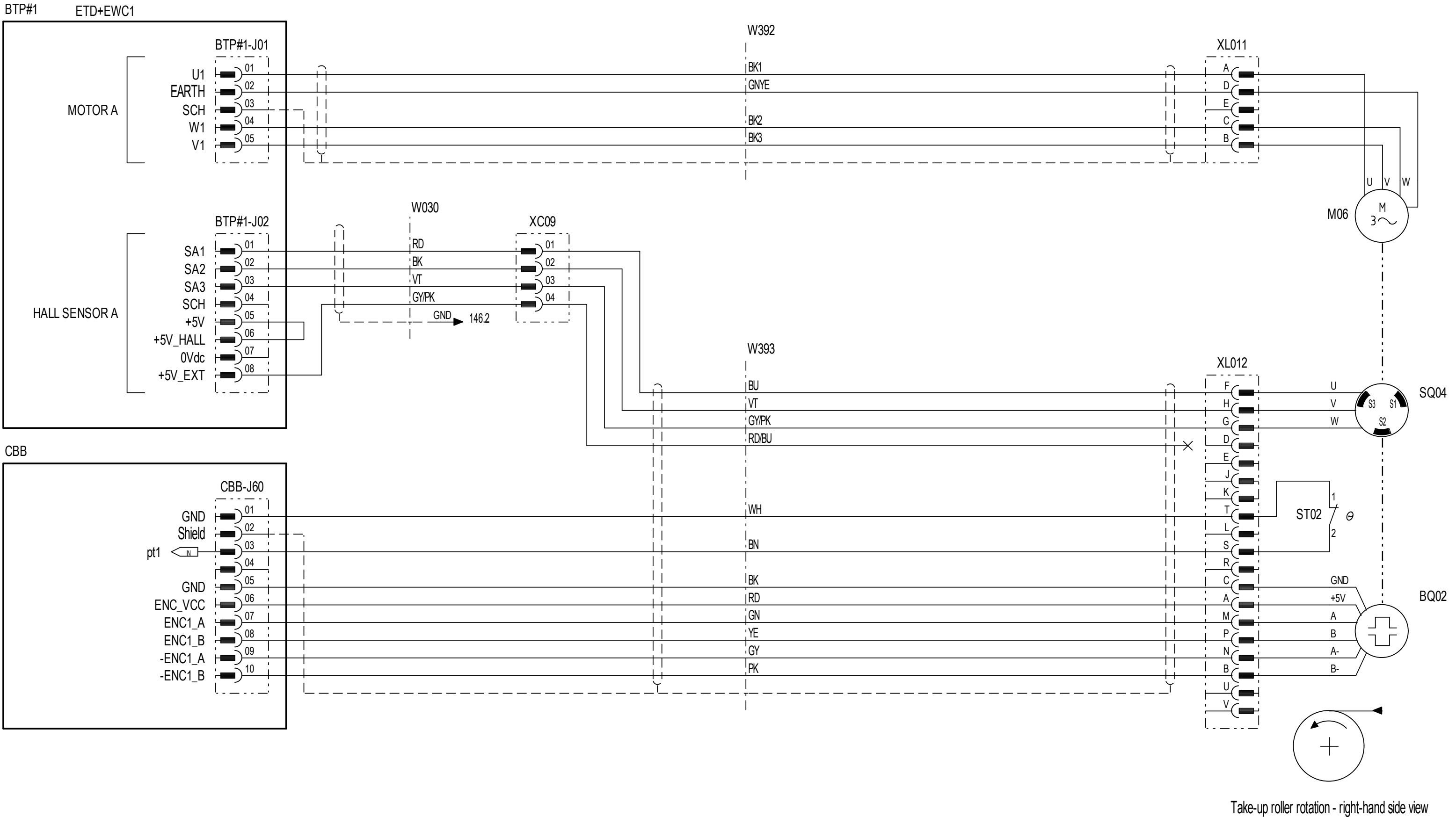
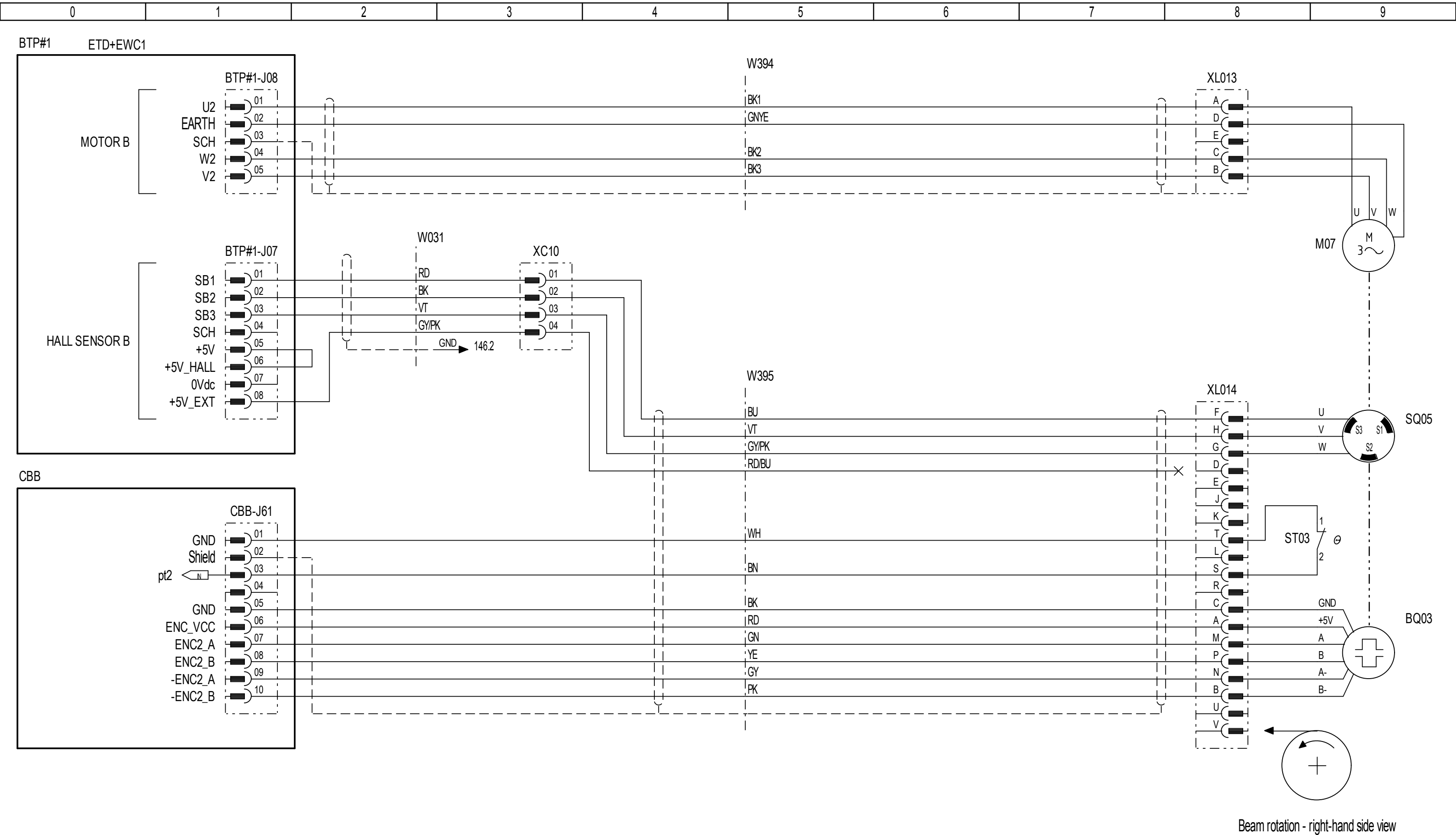
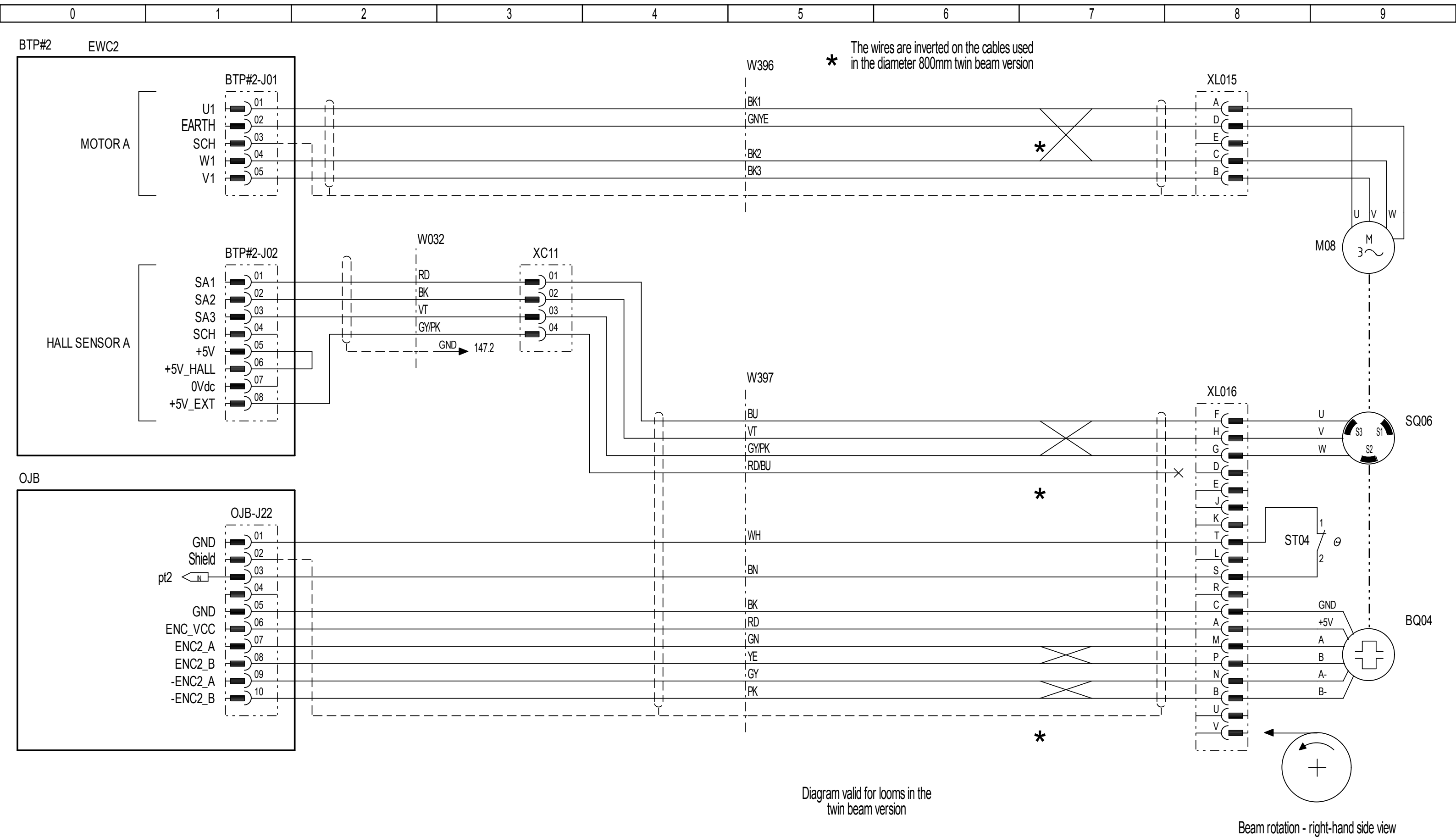


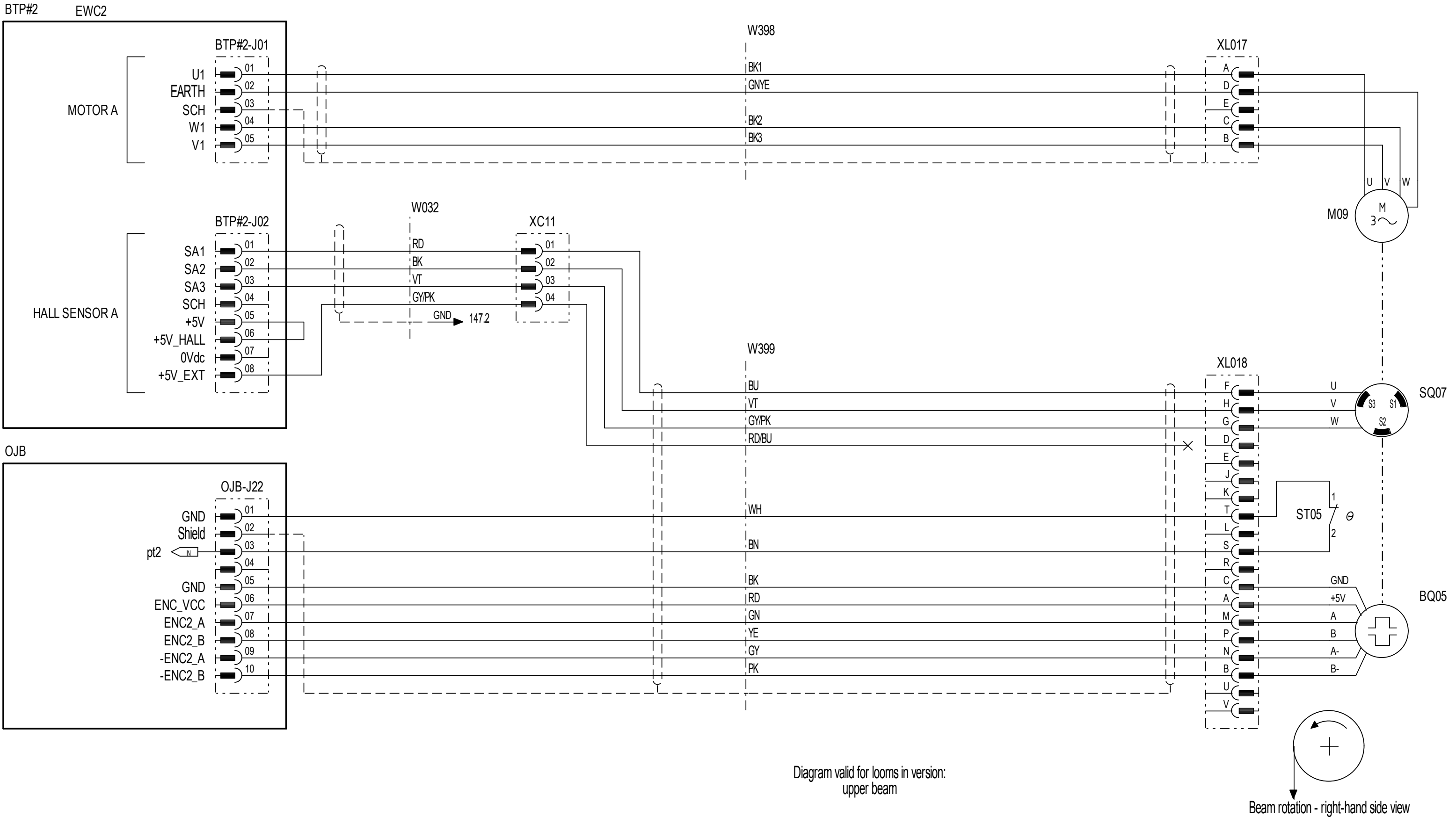
Diagram valid for looms in version:
twin beam / upper beam





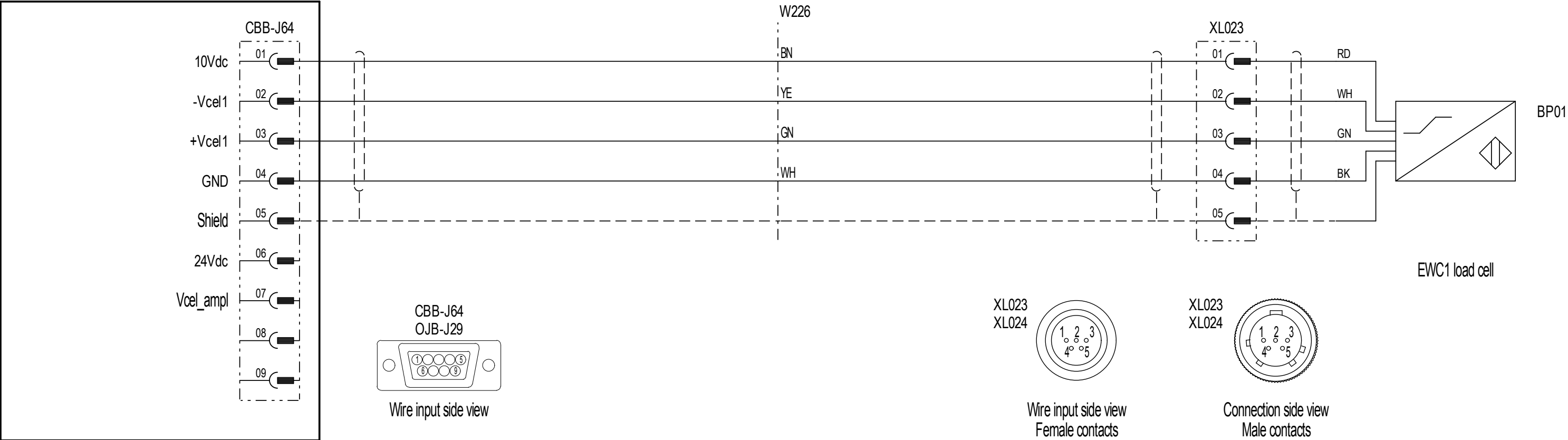


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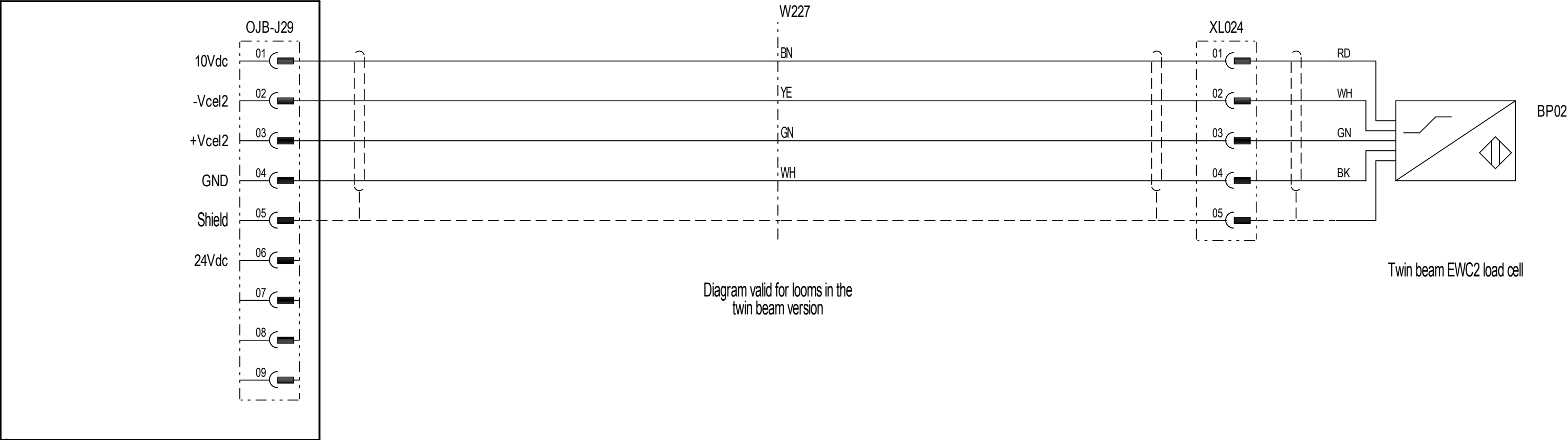


0	1	2	3	4	5	6	7	8	9
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CBB



OJB

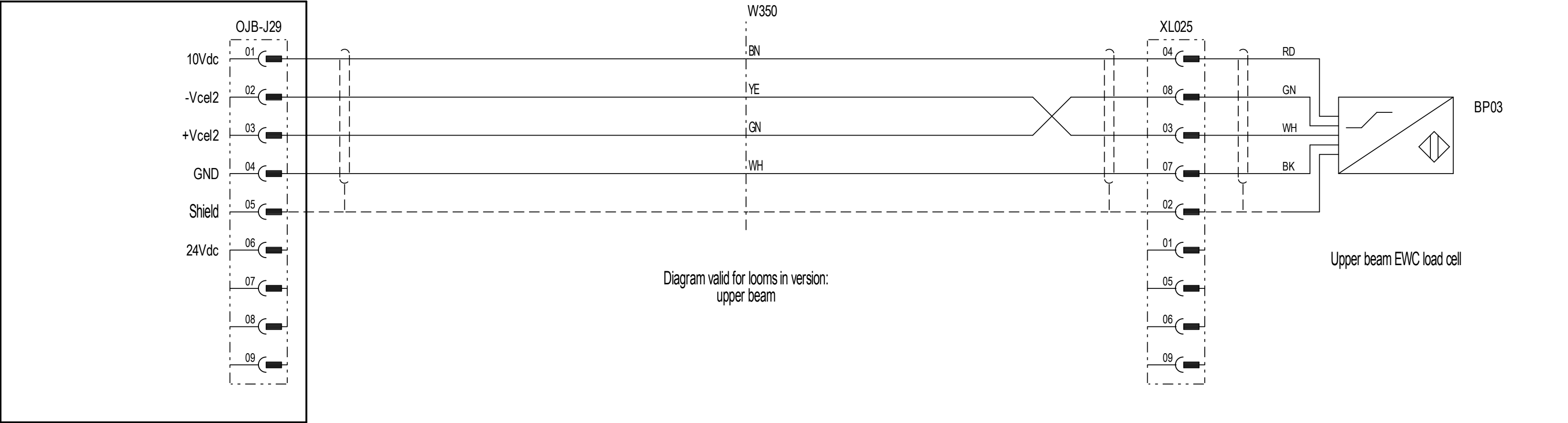


151

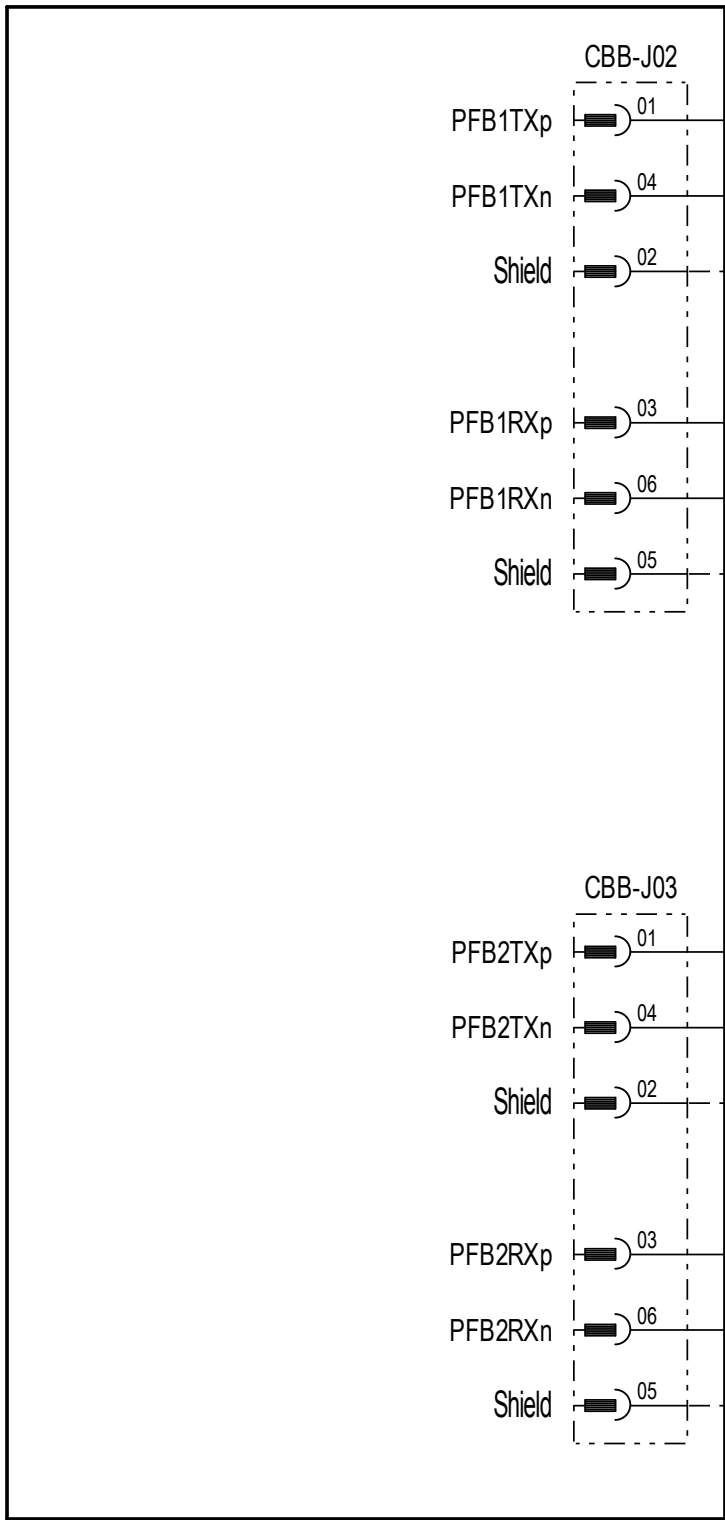
153

 Copyright © 2020 ITEMA S.p.A.	Loom: A9500 A9500-2	Drw.: Riccardi Gianluca	Table description: EWC1 EWC2 LOAD CELLS	Code: 120714054.7	Total: 168	Page: 152
	Date: 01/07/2020	Approval: Pezzoni Dario			Last: 509	

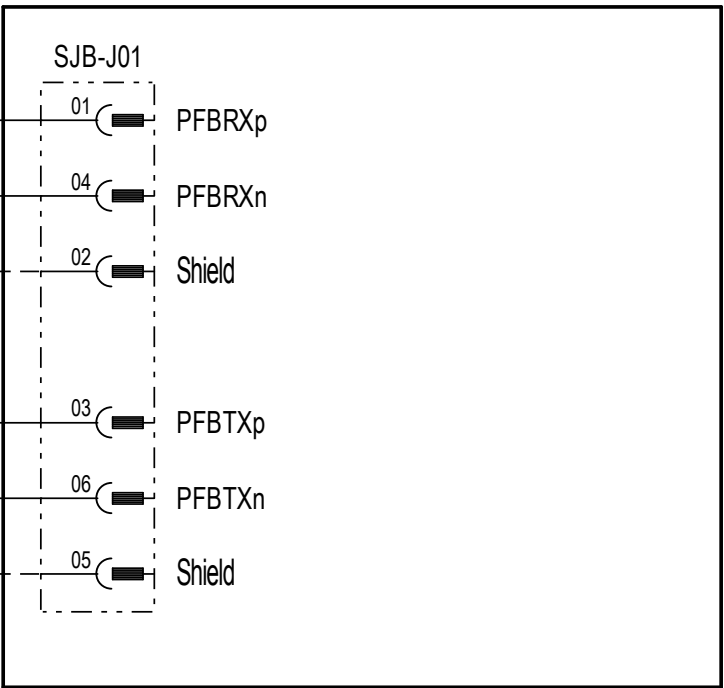
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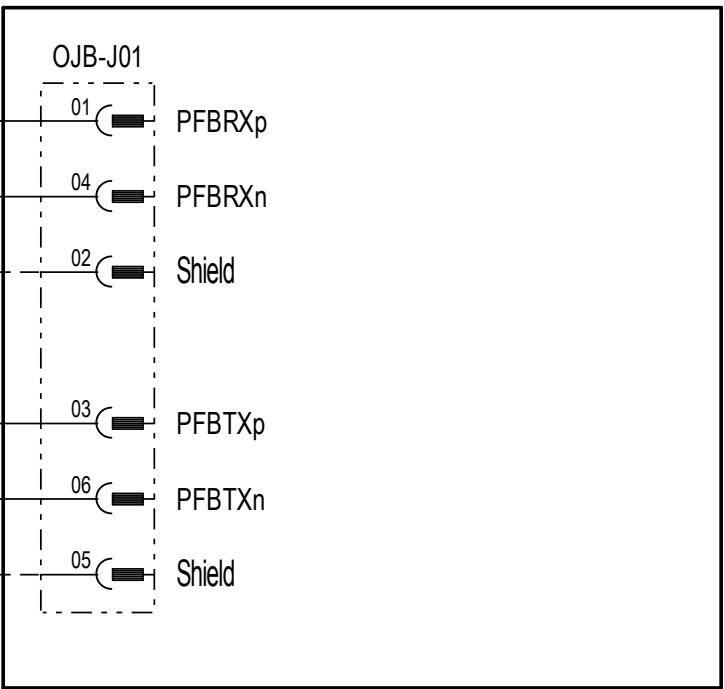
CBB



SJB



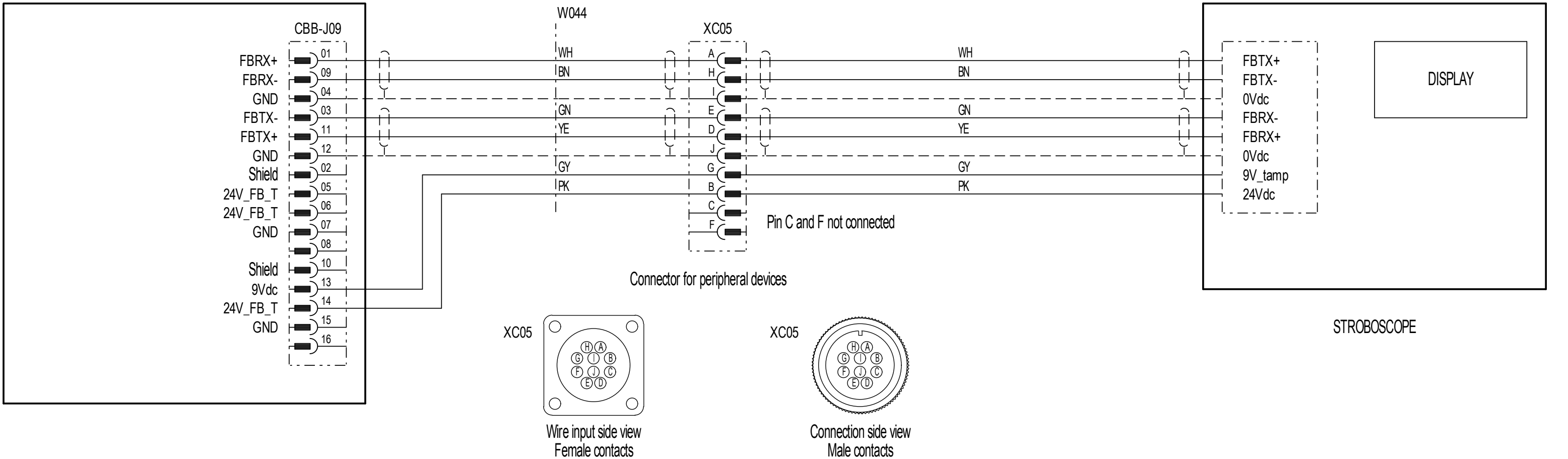
OJB



The W064 wiring and the OJB board
are present for the looms with at least one of the following options:
6 colours / central pneumatic tuck-in device / twin or upper beam /
central cutter / selvedge binding (left, right and central) / central leno device / double prenozzles /
double auxiliary nozzles (W2200-W2300 with stretching nozzle or W2600 with/without stretching nozzle)

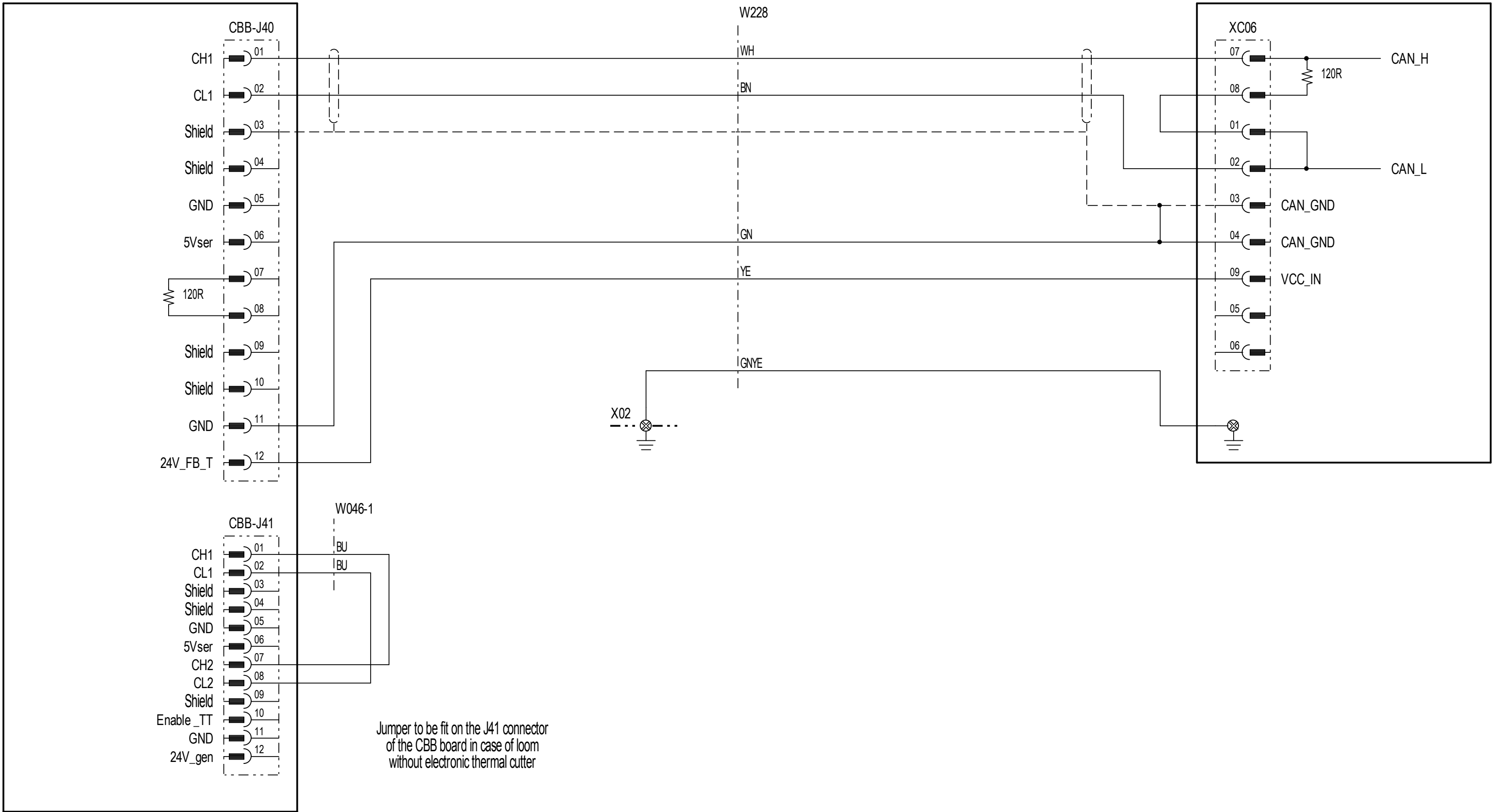
CBB

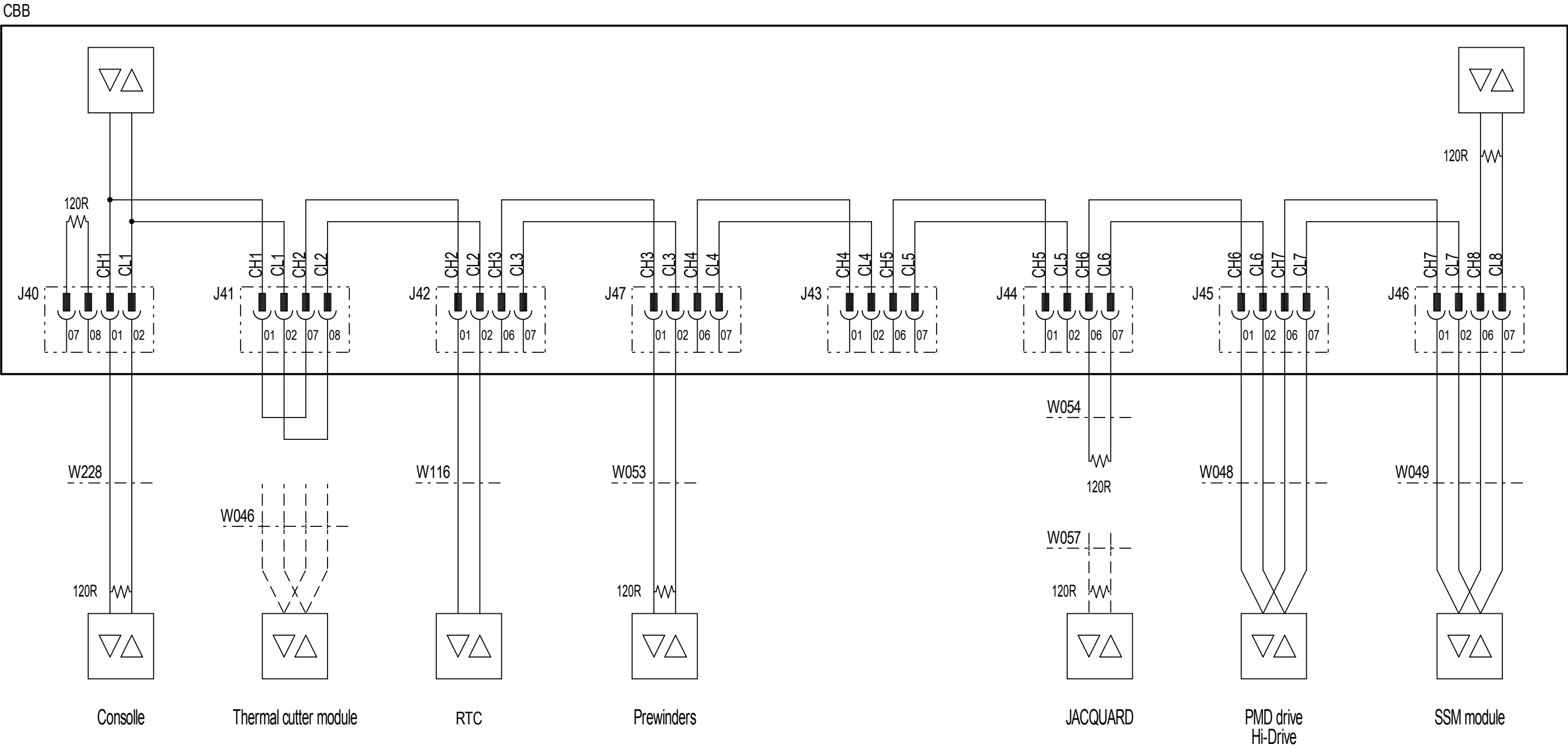
E05



CBB

E01





Looms without electronic thermal cutter:
a jumper wiring is connected in the J41 connector

Looms with electronic thermal cutter:
the W046 wiring is connected in the J41 connector

Looms without RTC:
the W053 wiring is connected in the J42 connector

Looms with RTC:
the W053 wiring is connected in the J47 connector

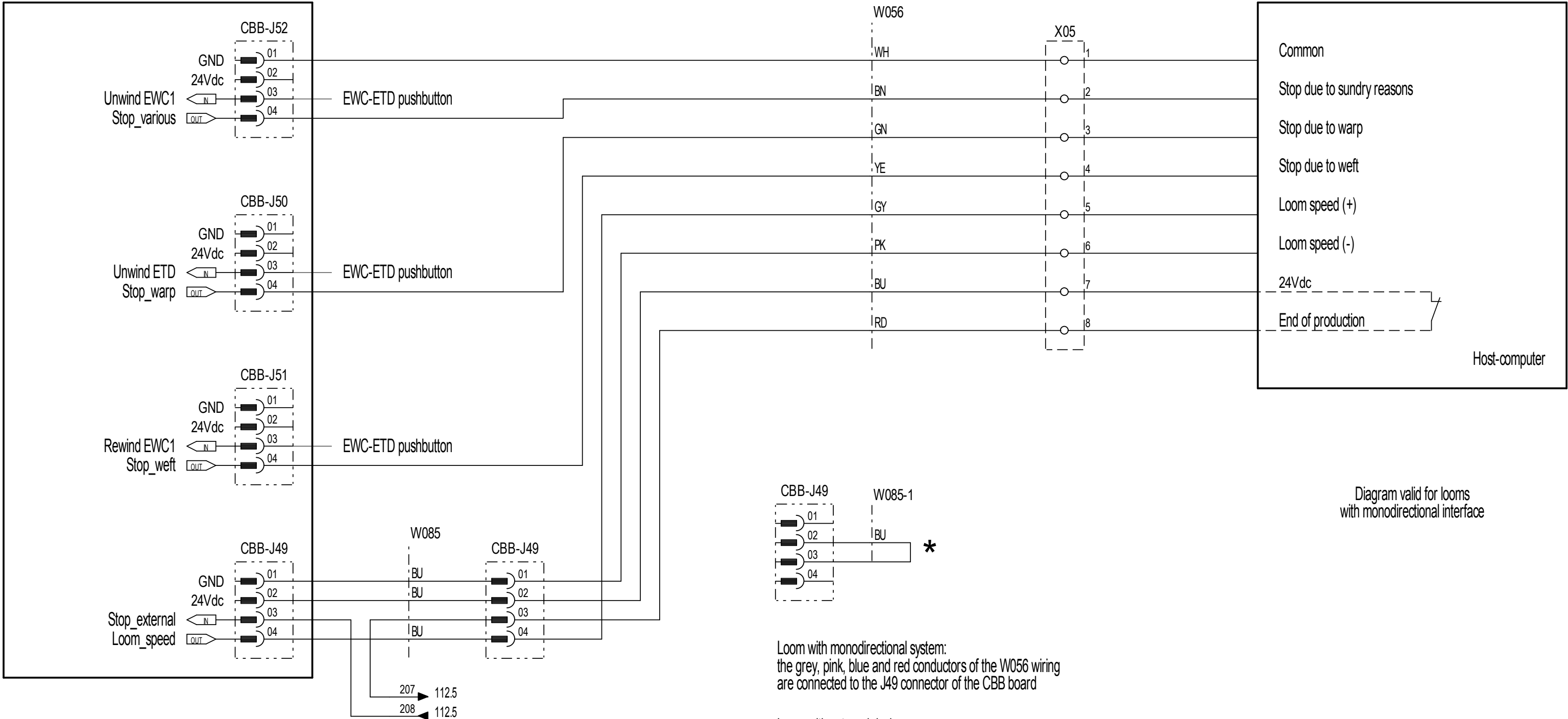
Looms without jacquard:
the 120R resistor is connected in the J44 connector

Looms with jacquard:
the W057 wiring is connected in the J44 connector

0	1	2	3	4	5	6	7	8	9
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CBB

E04



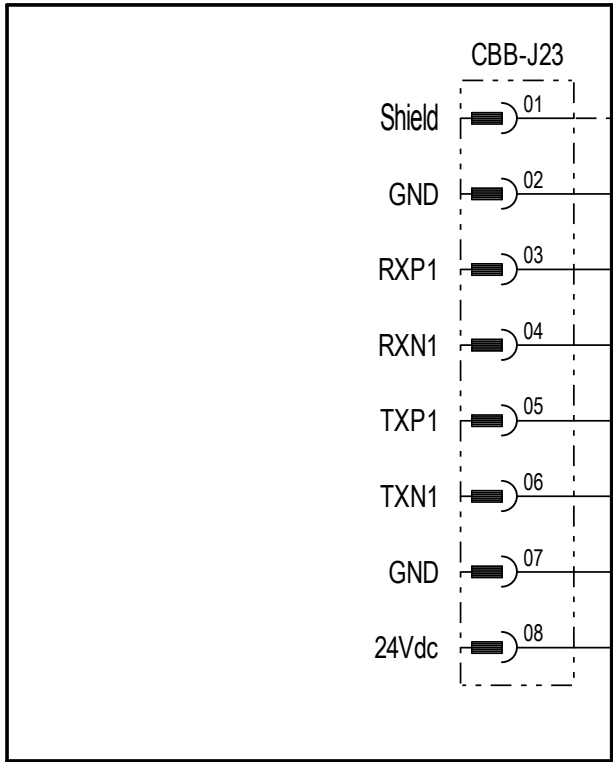
Loom with monodirectional system:
the grey, pink, blue and red conductors of the W056 wiring
are connected to the J49 connector of the CBB board

Loom with external device:
apply the W085-1 jumper (*) on the J49 free-hanging connector of the W085 wiring

Loom with monodirectional system and external device:
the grey, pink, blue and red conductors of the W056 wiring are connected
to the J49 free-hanging connector of the W085 wiring; in this case:
- if the monodirectional is not connected, put a jumper between the clamps 7 and 8 of X05
- if the external device is not connected, put a jumper between the clamps 5 and 6 of X04

0	1	2	3	4	5	6	7	8	9
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CBB



W055

YE

GN

GY

PK

BU

WH

BN

X06

1

2

3

4

5

6

7

8

E03

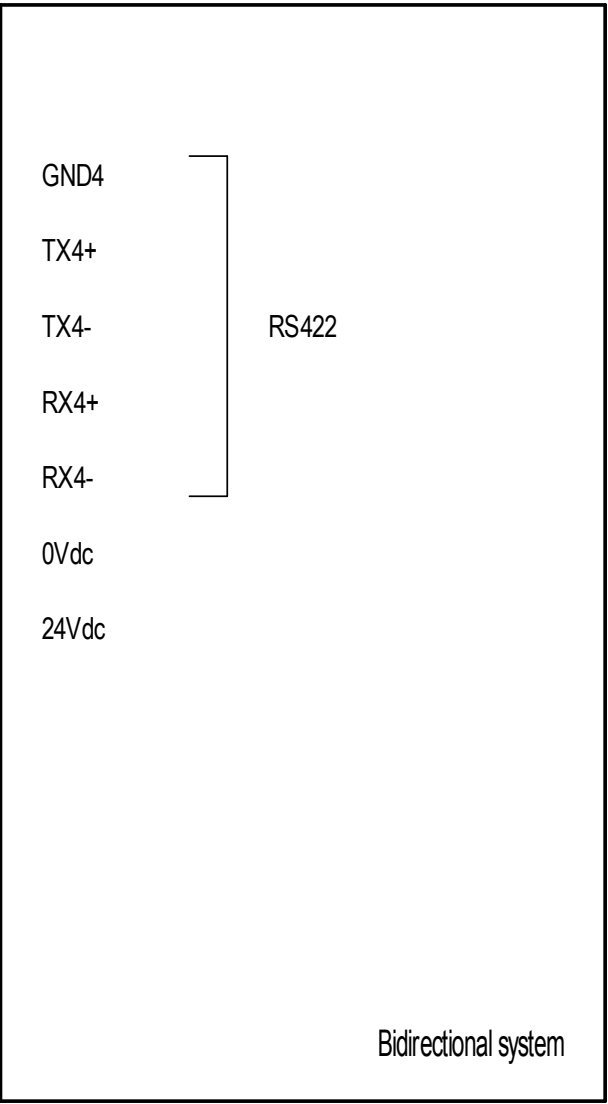
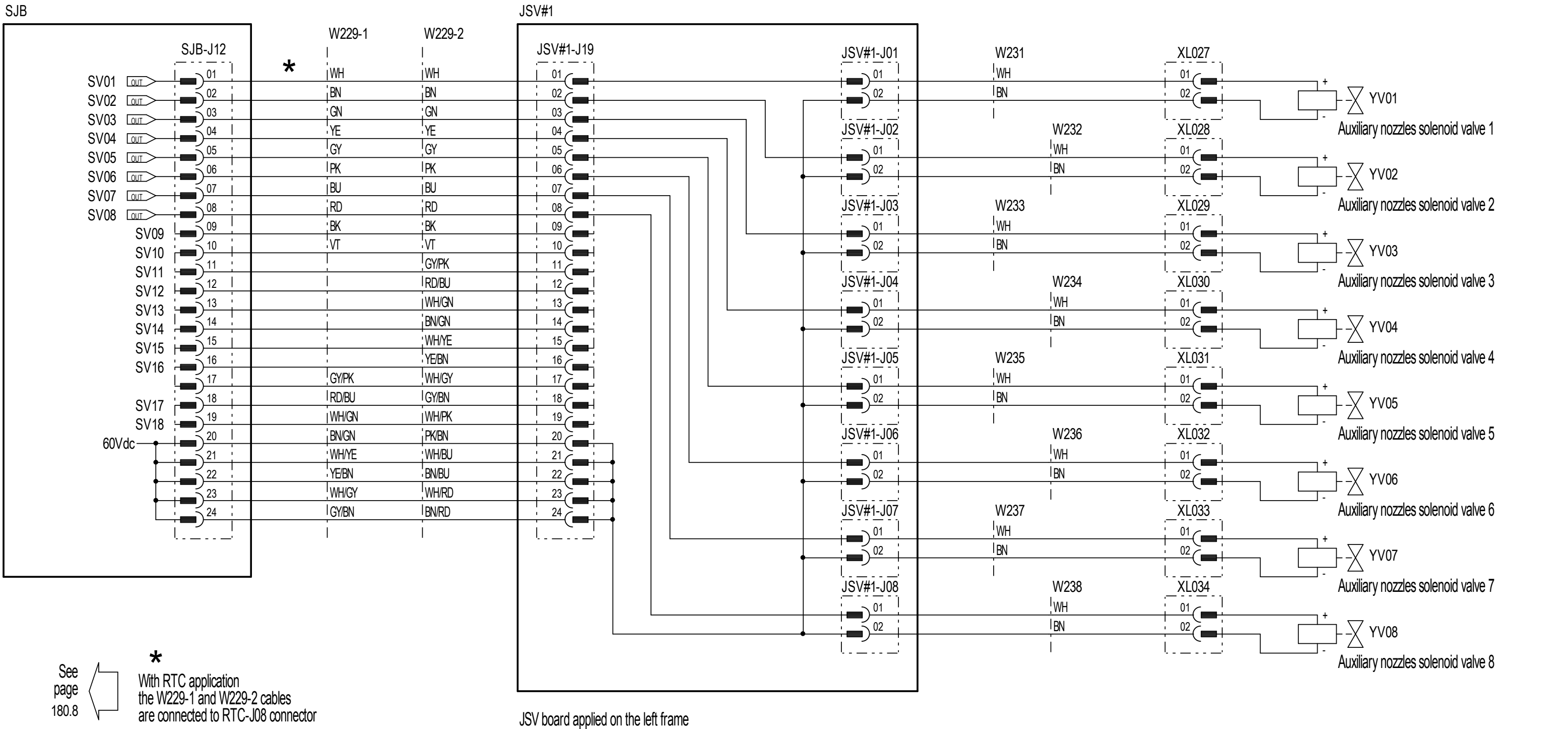


Diagram valid for looms
with bidirectional interface

Bidirectional system

0	1	2	3	4	5	6	7	8	9
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See page 180.8

*

With RTC application the W229-1 and W229-2 cables are connected to RTC-J08 connector

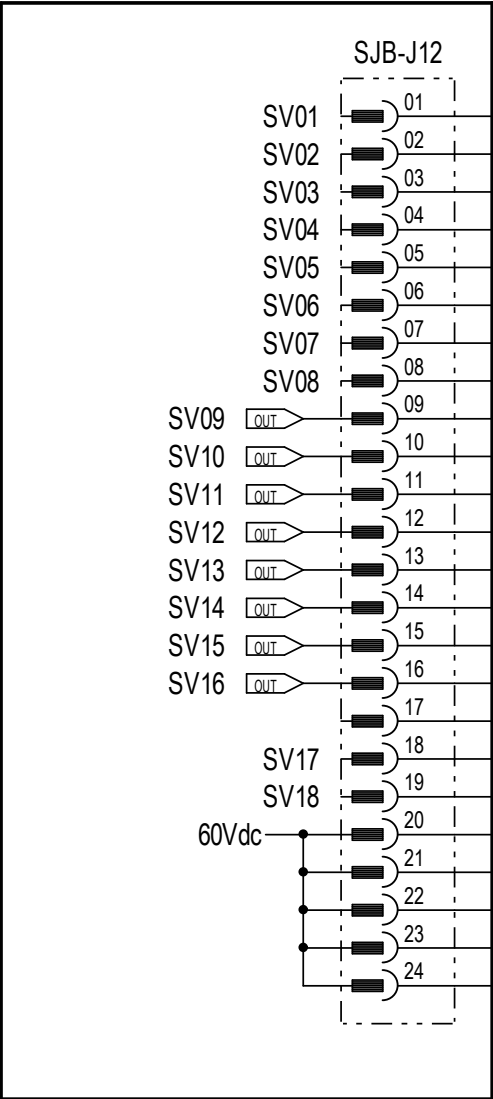
JSV board applied on the left frame

Diagram valid for looms in version 2 and 4 auxiliary nozzles for solenoid valve

W229-1 cable used on looms from W1700 to W2300 in version 4 aux.nozzles for solenoid valves.
W229-2 cable used on looms from W2600 to W4300 in version 4 aux.nozzles for solenoid valves.
W229-2 cable used on looms from W1700 to W4300 in version 2 aux.nozzles for solenoid valves.

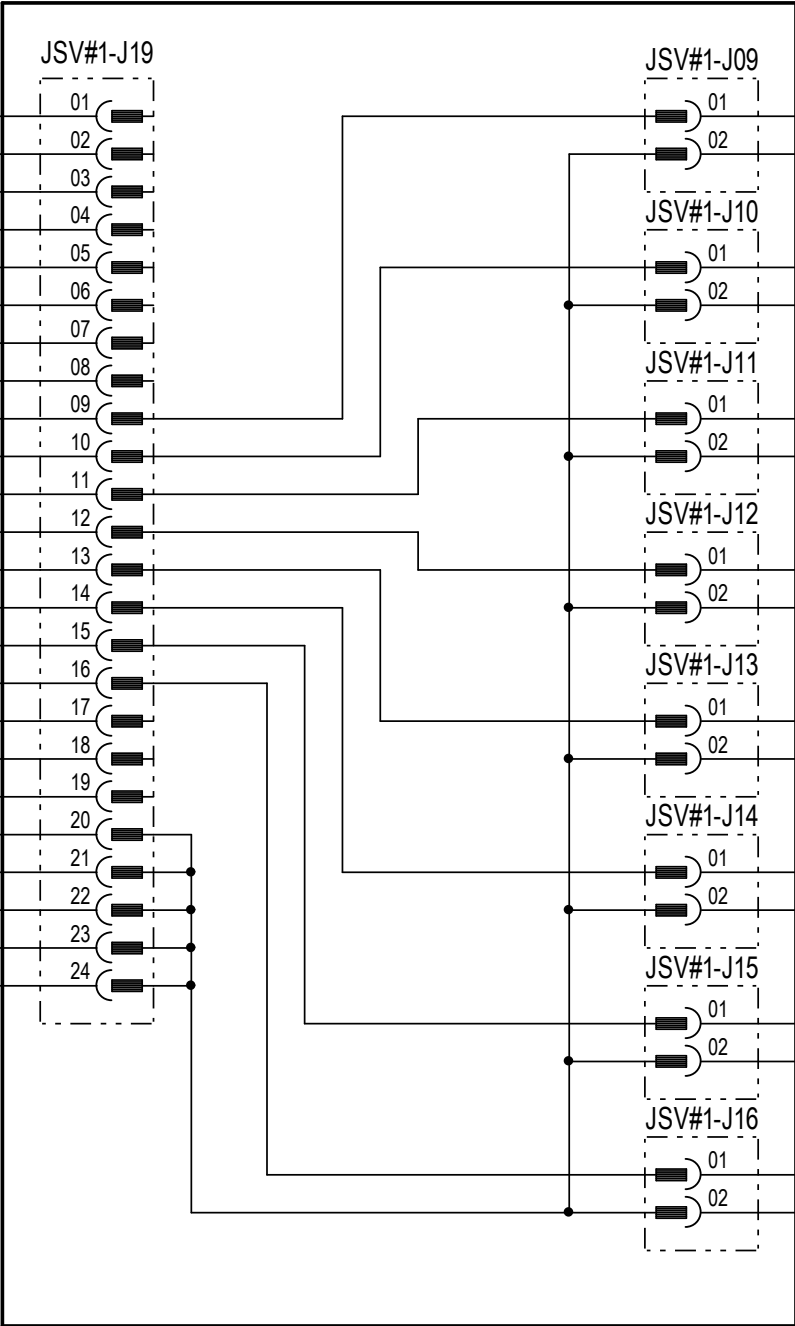
0	1	2	3	4	5	6	7	8	9
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SJB



	W229-1	W229-2
* WH	WH	
BN	BN	
GN	GN	
YE	YE	
GY	GY	
PK	PK	
BU	BU	
RD	RD	
BK	BK	
VT	VT	
		GY/PK
		RD/BU
		WH/GN
		BN/GN
		WH/YE
		YE/BN
	GY/PK	WH/GY
	RD/BU	GY/BN
	WH/GN	WH/PK
	BN/GN	PK/BN
	WH/YE	WH/BU
	YE/BN	BN/BU
	WH/GY	WH/RD
	GY/BN	BN/RD

JSV#1



W239

WH
BN

XL035

01
02

YV09
Auxiliary nozzles solenoid valve 9

W240

WH
BN

XL036

01
02

YV10
Auxiliary nozzles solenoid valve 10

W241

WH
BN

XL037

01
02

YV11
Auxiliary nozzles solenoid valve 11

W242

WH
BN

XL038

01
02

YV12
Auxiliary nozzles solenoid valve 12

W243

WH
BN

XL039

01
02

YV13
Auxiliary nozzles solenoid valve 13

W244

WH
BN

XL040

01
02

YV14
Auxiliary nozzles solenoid valve 14

W245

WH
BN

XL041

01
02

YV15
Auxiliary nozzles solenoid valve 15

W246

WH
BN

XL042

01
02

YV16
Auxiliary nozzles solenoid valve 16

See
page
180.8

*

With RTC application
the W229-1 and W229-2 cables
are connected to RTC-J08 connector

JSV board applied on the left frame

Diagram valid for looms in version 2 and 4 auxiliary nozzles for solenoid valve

W229-1 cable used on looms from W1700 to W2300 in version 4 aux.nozzles for solenoid valves.

W229-2 cable used on looms from W2600 to W4300 in version 4 aux.nozzles for solenoid valves.

W229-2 cable used on looms from W1700 to W4300 in version 2 aux.nozzles for solenoid valves.

0	1	2	3	4	5	6	7	8	9
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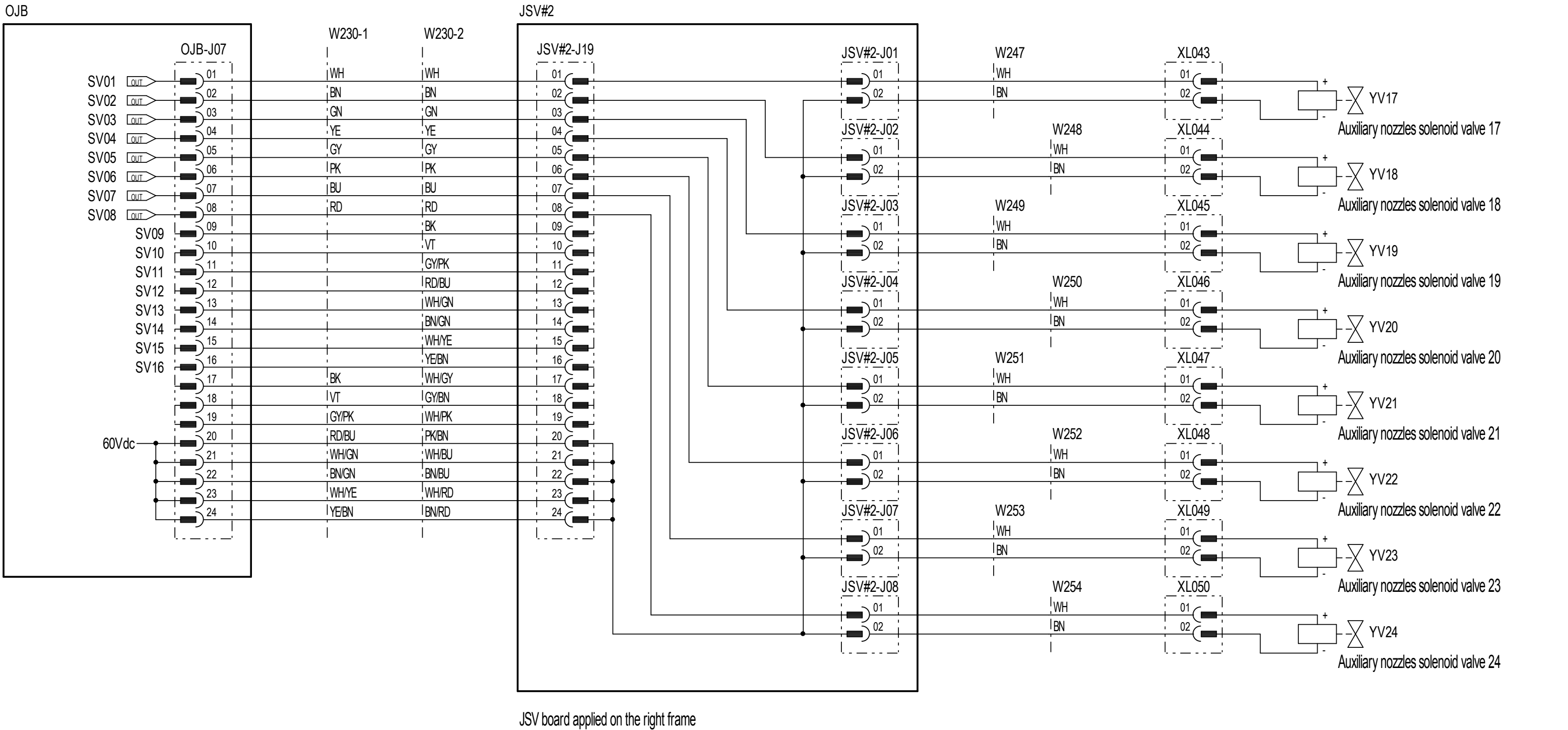
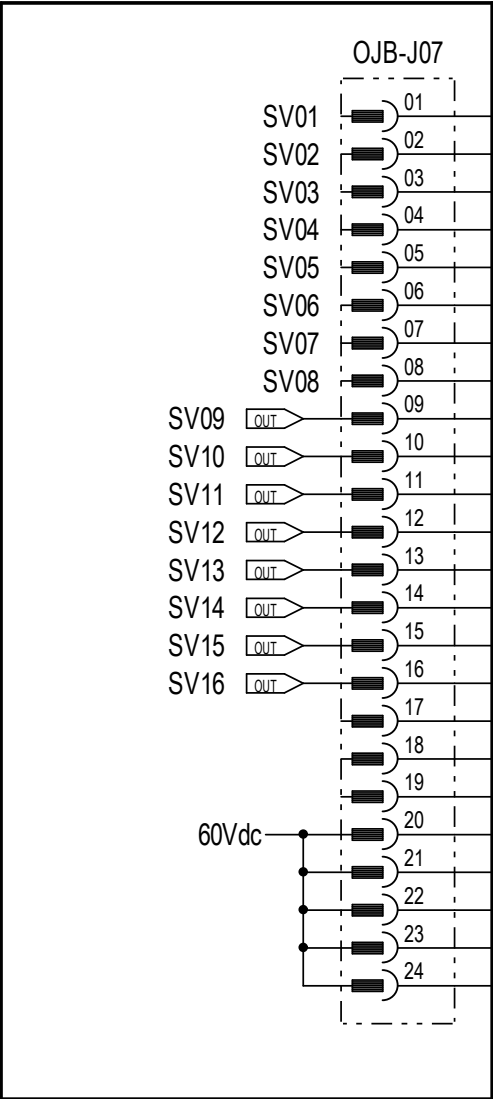


Diagram valid for looms in version 2 auxiliary nozzles for solenoid valve

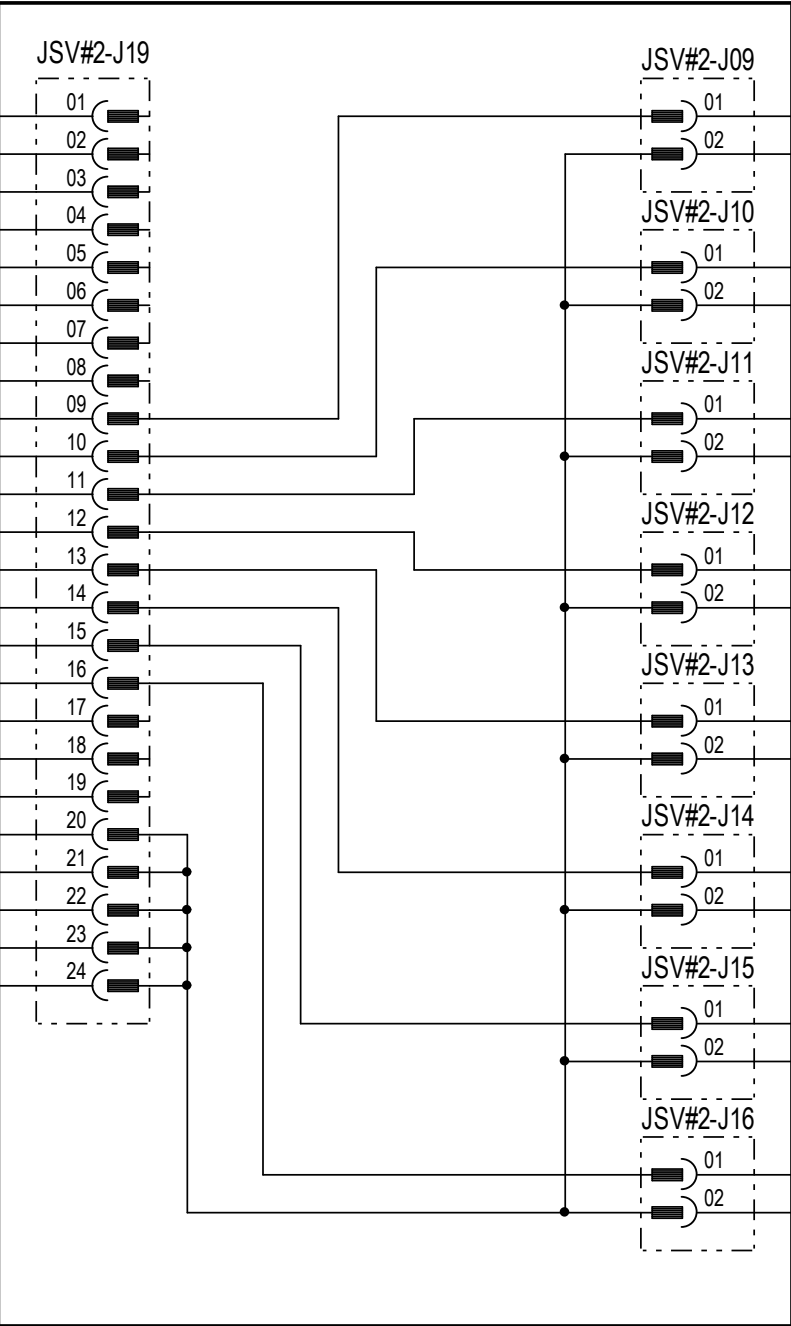
W230-1 cable used on looms W2200 and W2300 with stretching nozzle.
W230-1 cable used on looms from W2600 to W3200 with/without stretching nozzle.
W230-2 cable used on looms from W3400 to W4300 with/without stretching nozzle.

0	1	2	3	4	5	6	7	8	9
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OJB



JSV#2



W255

WH

BN

XL051

01

02

YV25

Auxiliary nozzles solenoid valve 25

W256

WH

BN

XL052

01

02

YV26

Auxiliary nozzles solenoid valve 26

W257

WH

BN

XL053

01

02

YV27

Auxiliary nozzles solenoid valve 27

W258

WH

BN

XL054

01

02

YV28

Auxiliary nozzles solenoid valve 28

W259

WH

BN

XL055

01

02

YV29

Auxiliary nozzles solenoid valve 29

W260

WH

BN

XL056

01

02

YV30

Auxiliary nozzles solenoid valve 30

W261

WH

BN

XL057

01

02

YV31

Auxiliary nozzles solenoid valve 31

W262

WH

BN

XL058

01

02

YV32

Auxiliary nozzles solenoid valve 32

JSV board applied on the right frame

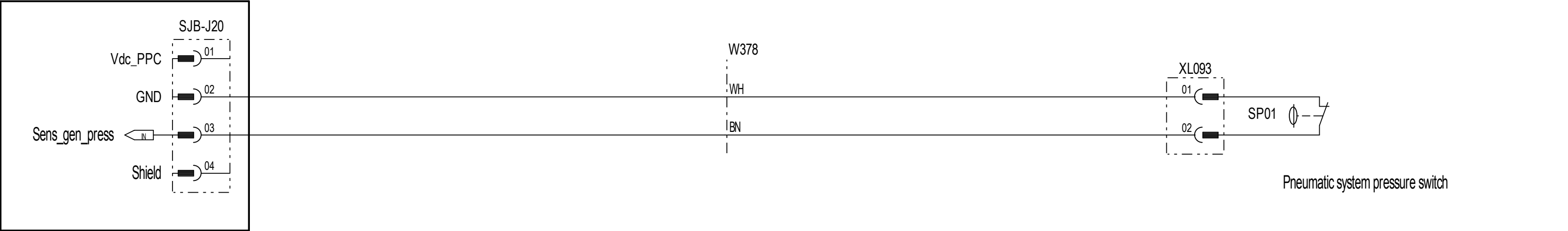
Diagram valid for looms in version 2 auxiliary nozzles for solenoid valve

W230-1 cable used on looms W2200 and W2300 with stretching nozzle.

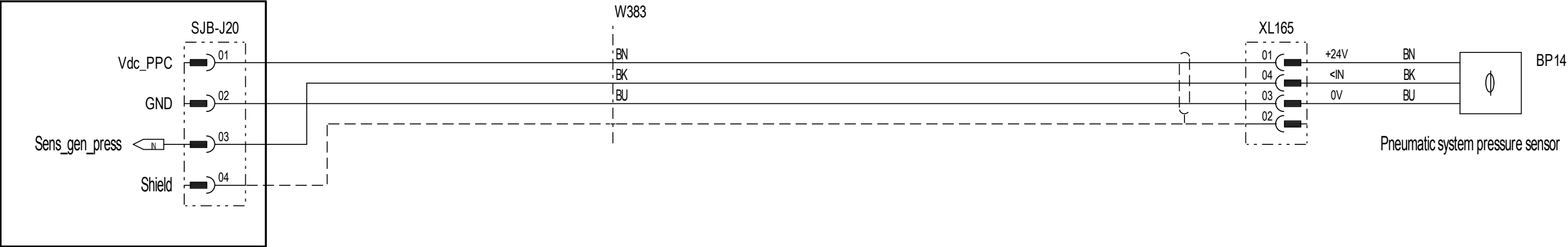
W230-1 cable used on looms from W2600 to W3200 with/without stretching nozzle.

W230-2 cable used on looms from W3400 to W4300 with/without stretching nozzle.

SJB

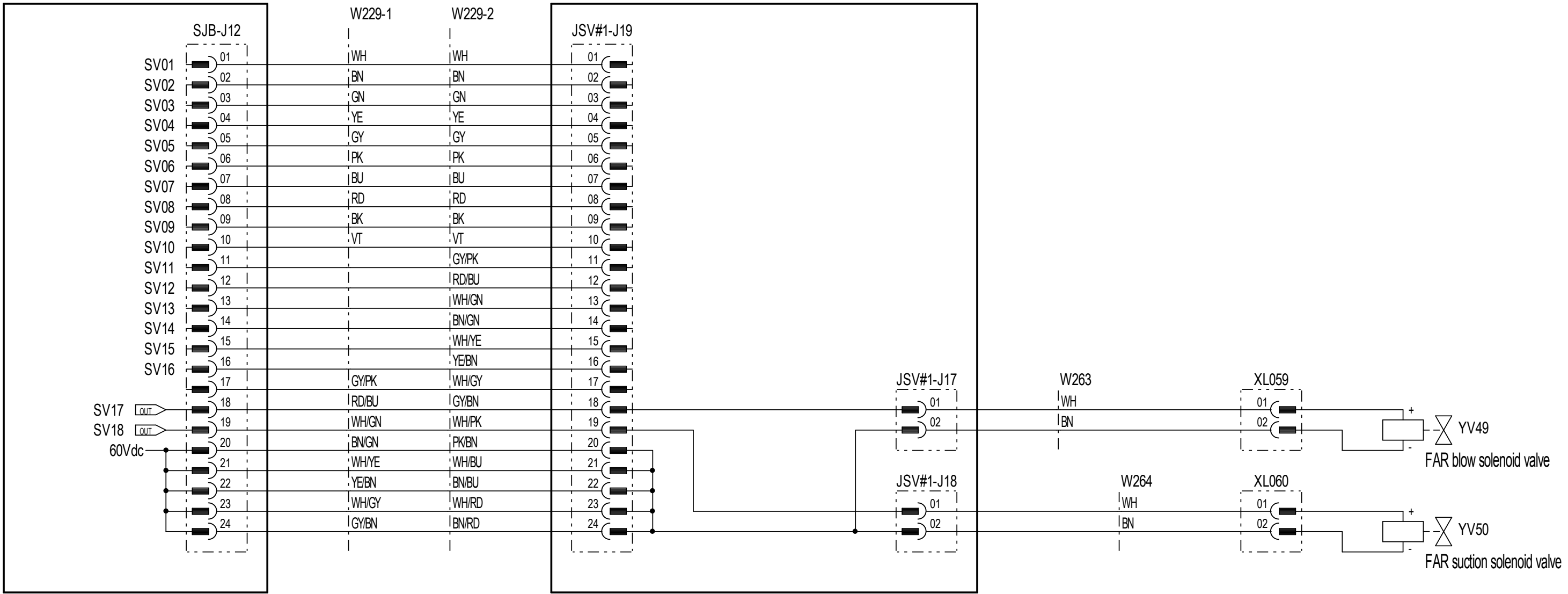


SJB



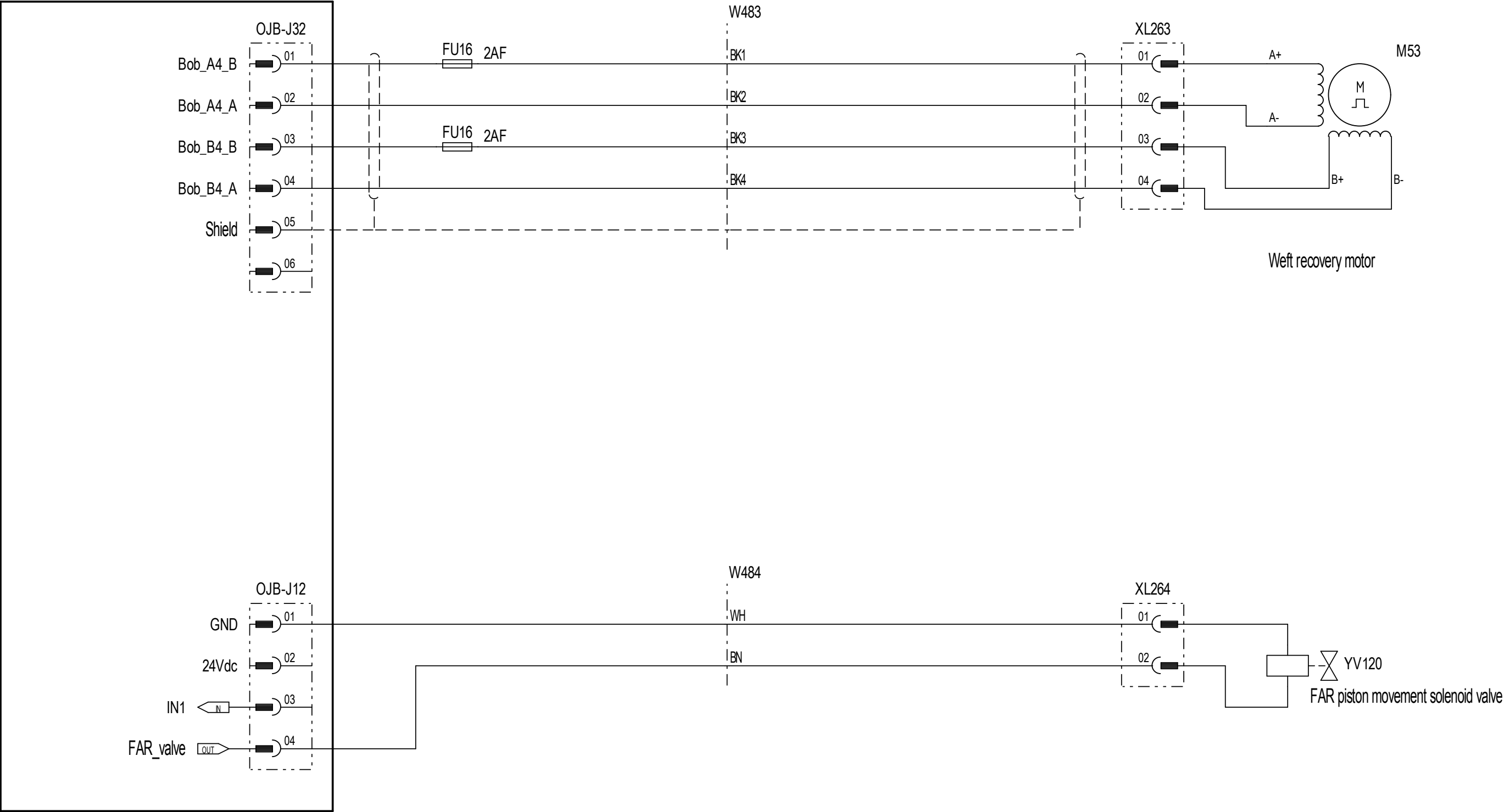
SJB

JSV#1

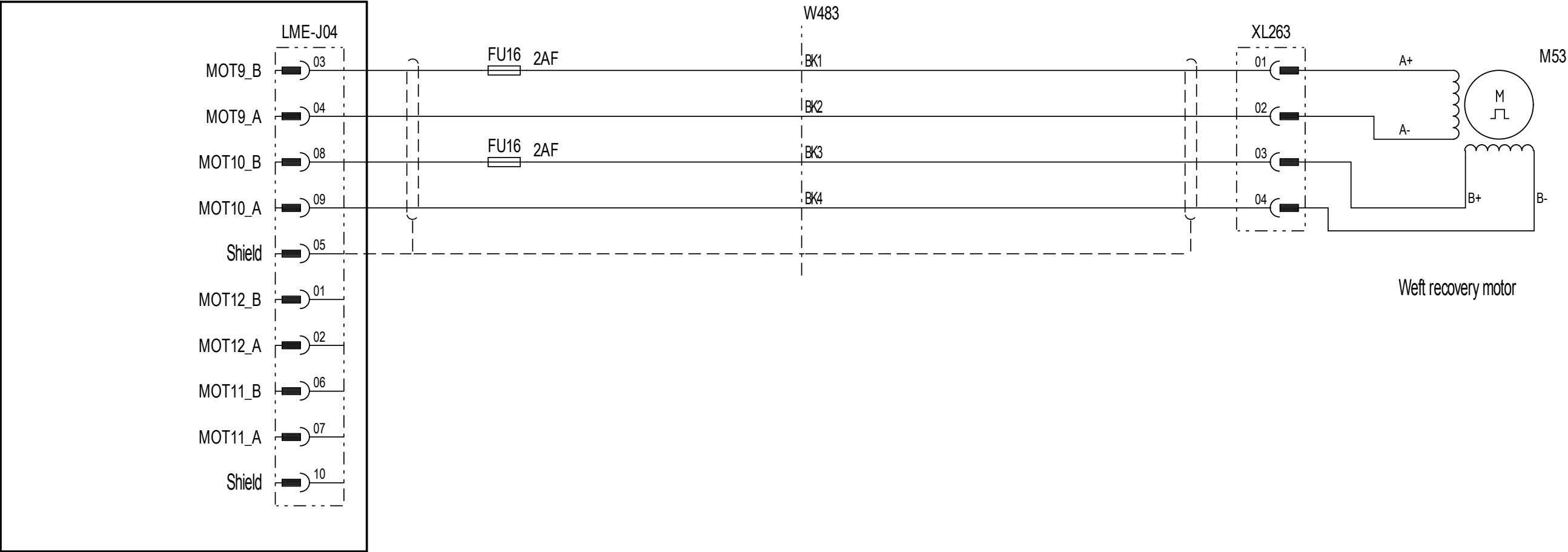


W229-1 cable used on looms from W1700 to W2300 in version 4 aux.nozzles for solenoid valves.
W229-2 cable used on looms from W2600 to W4300 in version 4 aux.nozzles for solenoid valves.
W229-2 cable used on looms from W1700 to W4300 in version 2 aux.nozzles for solenoid valves.

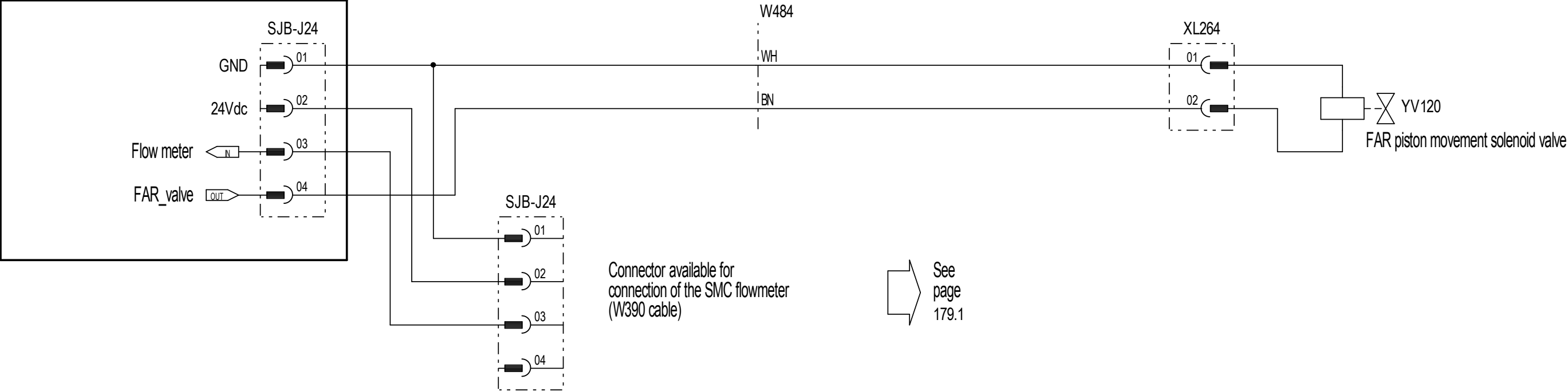
OJB



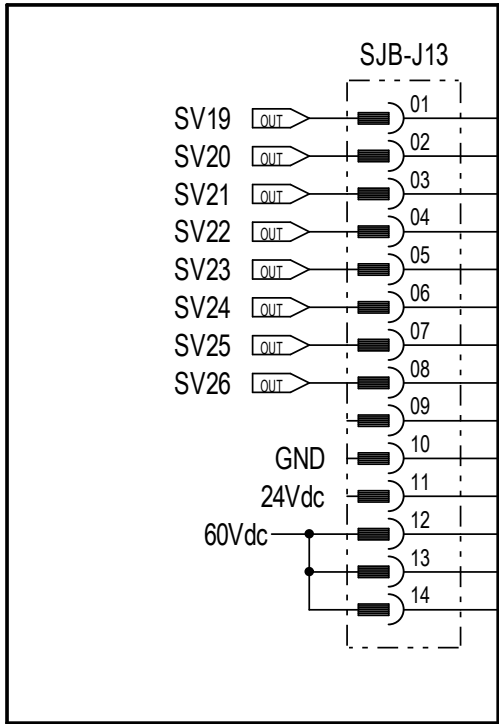
LME



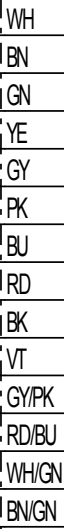
SJB



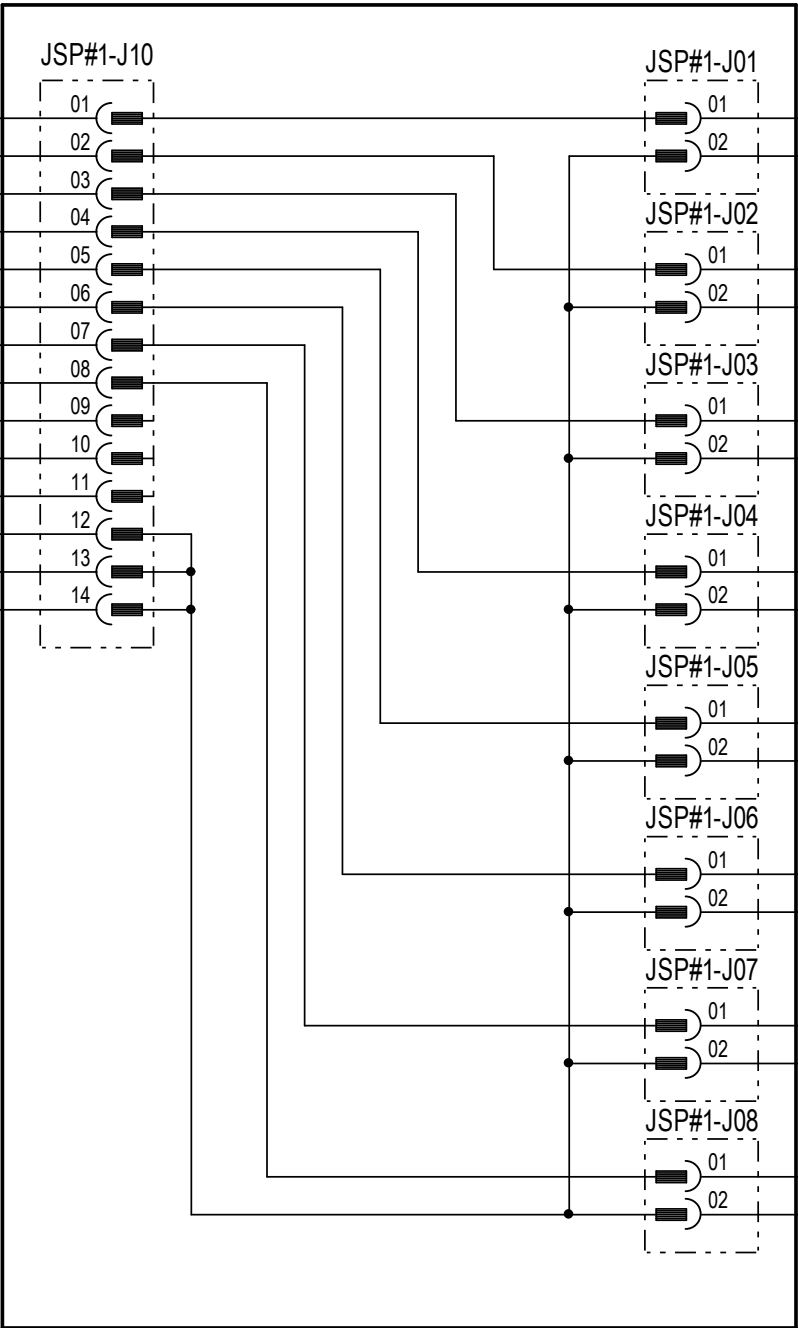
SJB



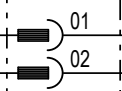
W265



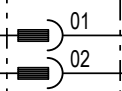
JSP#1



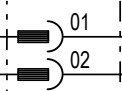
JSP#1-J01



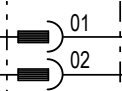
JSP#1-J02



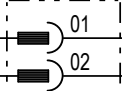
JSP#1-J03



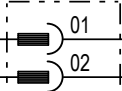
JSP#1-J04



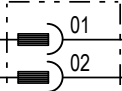
JSP#1-J05



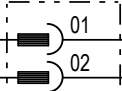
JSP#1-J06



JSP#1-J07



JSP#1-J08



W267



W268



W269



W270



W275



W276



W277



W278



XL061



XL062



XL063



XL064



XL069



XL070



XL071



XL072



YV33
Nozzle colour 1 solenoid valve

YV34
Nozzle colour 2 solenoid valve

YV35
Nozzle colour 3 solenoid valve

YV36
Nozzle colour 4 solenoid valve

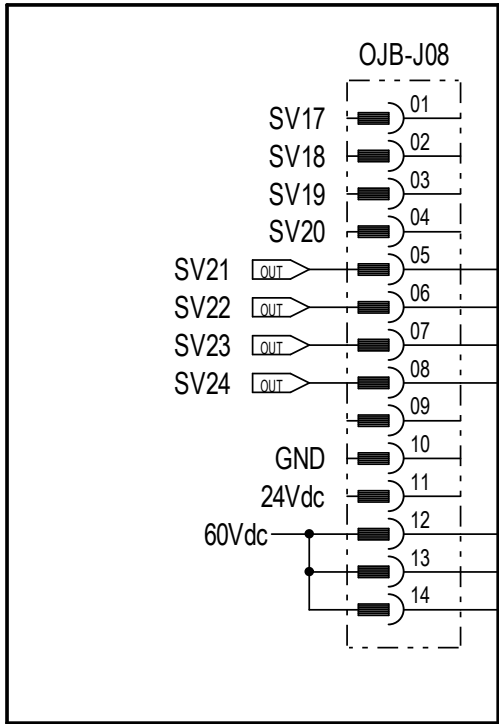
YV41
Prenozzle colour 1 solenoid valve

YV42
Prenozzle colour 2 solenoid valve

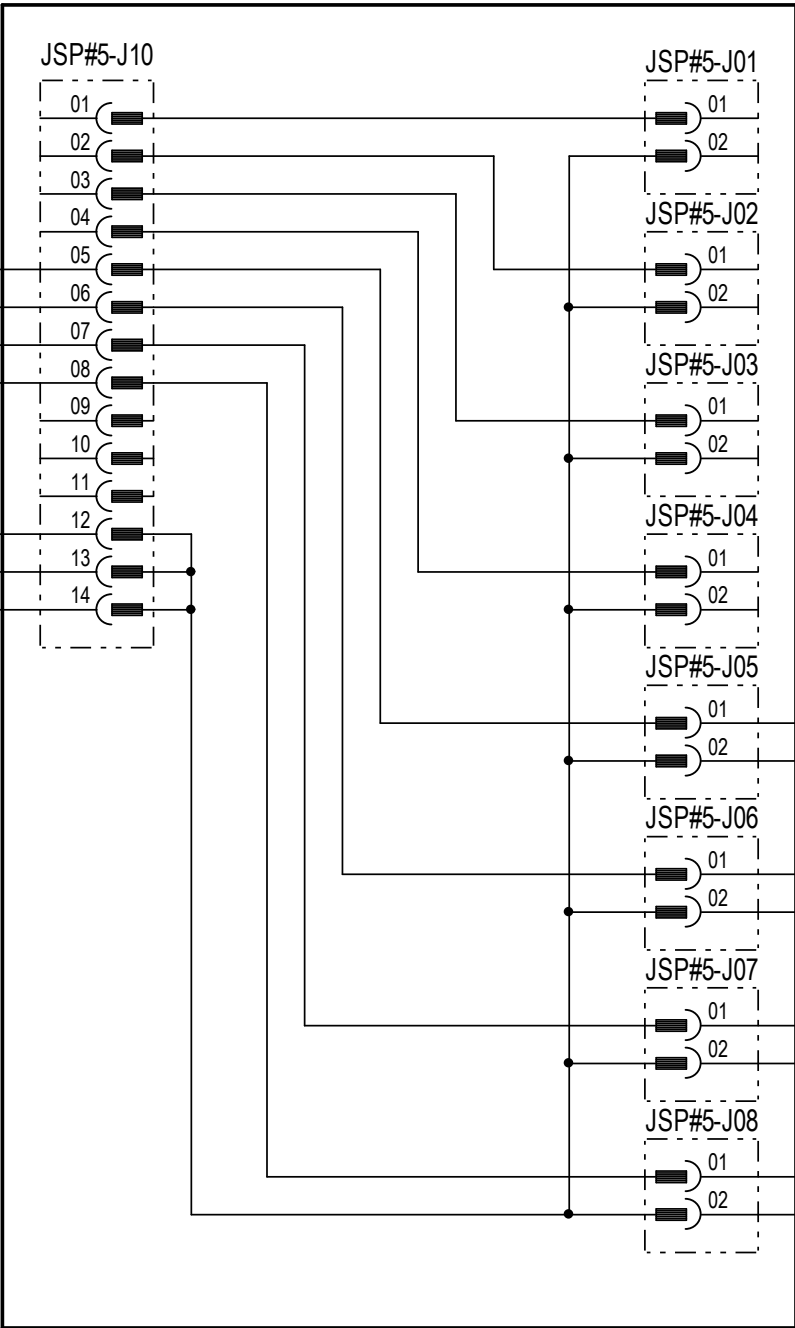
YV43
Prenozzle colour 3 solenoid valve

YV44
Prenozzle colour 4 solenoid valve

OJB



JSP#5



W414

WH

BN

GN

YE

GY

PK

BU

W416

WH

BN

W417

WH

BN

W418

WH

BN

W419

WH

BN

XL198

01

02

XL199

01

02

XL200

01

02

XL201

01

02

YV104

Double prenozzle colour 1 solenoid valve

YV105

Double prenozzle colour 2 solenoid valve

YV106

Double prenozzle colour 3 solenoid valve

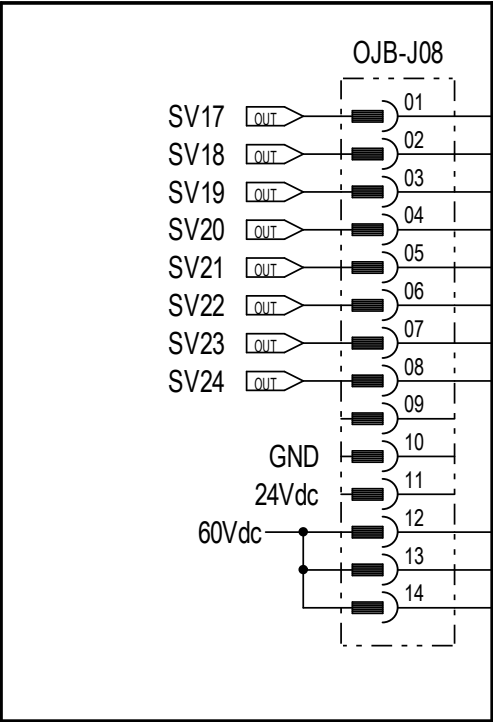
YV107

Double prenozzle colour 4 solenoid valve

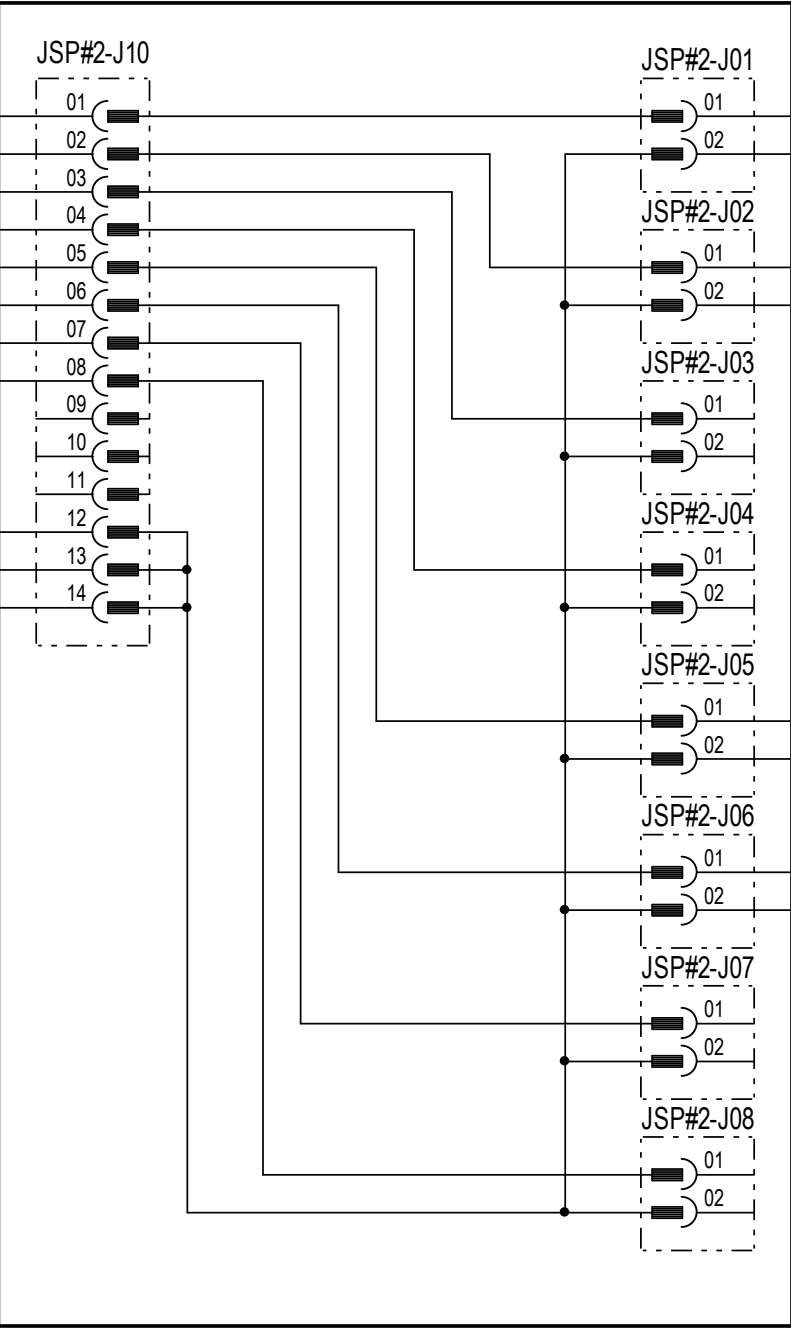
Diagram valid for looms
with double prenozzles

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

OJB



JSP#2



W271

WH

BN

XL065

01

02

YV37

Nozzle colour 5 solenoid valve

W272

WH

BN

01

02

YV38

Nozzle colour 6 solenoid valve

W279

WH

BN

XL073

01

02

YV45

Prenozzle colour 5 solenoid valve

W280

WH

BN

01

02

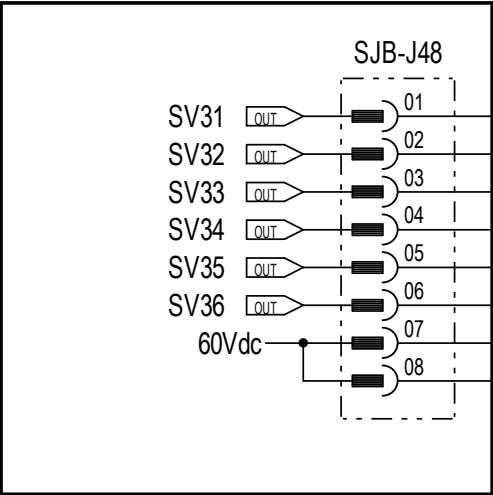
YV46

Prenozzle colour 6 solenoid valve

Diagram valid for looms
with 6 colours

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

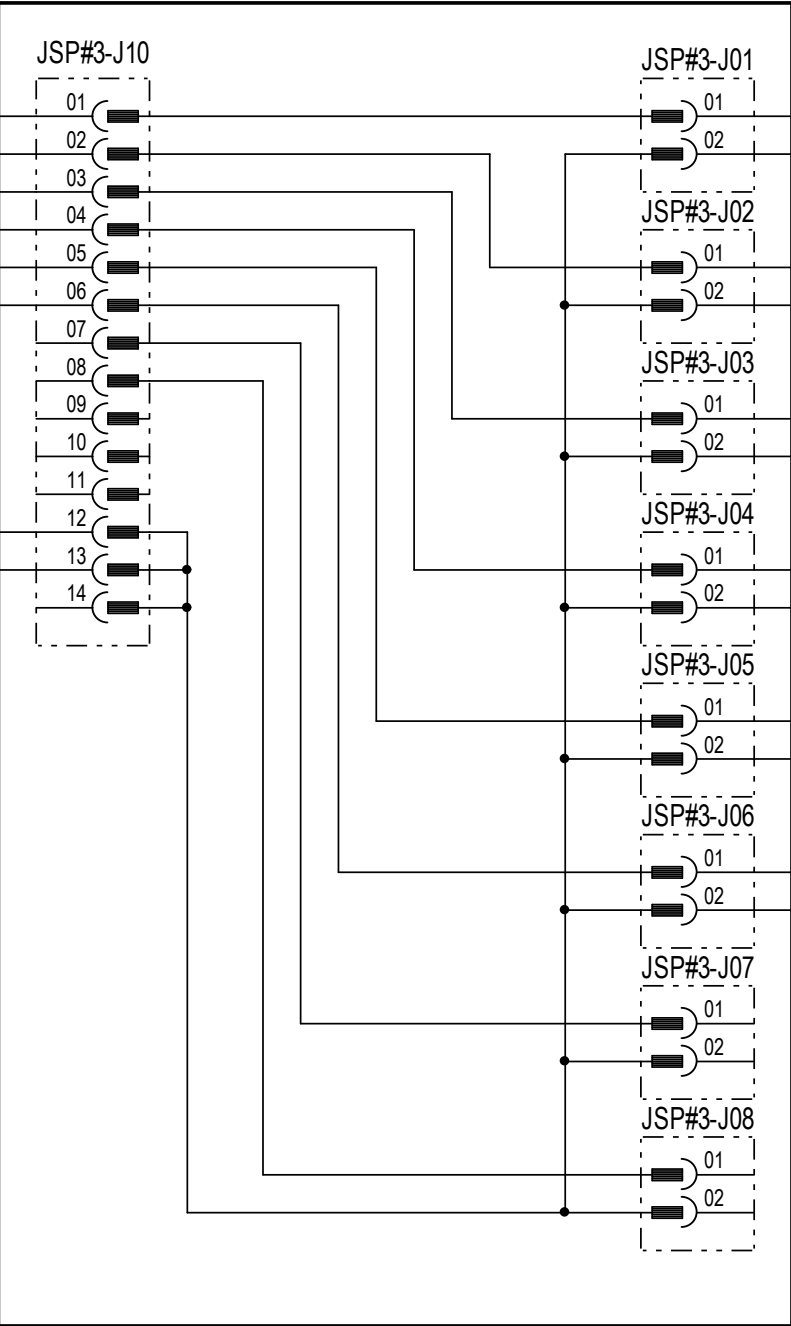
SJB



W363

- WH
- BN
- GN
- YE
- GY
- PK
- BU
- RD

JSP#3



JSP#3-J01

- 01
- 02

JSP#3-J02

- 01
- 02

JSP#3-J03

- 01
- 02

JSP#3-J04

- 01
- 02

JSP#3-J05

- 01
- 02

JSP#3-J06

- 01
- 02

JSP#3-J07

- 01
- 02

JSP#3-J08

- 01
- 02

W365

- WH
- BN

W366

- WH
- BN

W367

- WH
- BN

W368

- WH
- BN

W373

- WH
- BN

W374

- WH
- BN

XL103

- 01
- 02

XL104

- 01
- 02

XL105

- 01
- 02

XL106

- 01
- 02

XL111

- 01
- 02

XL112

- 01
- 02

YV69
PPC colour 1 (A) solenoid valve

YV70
PPC colour 2 (A) solenoid valve

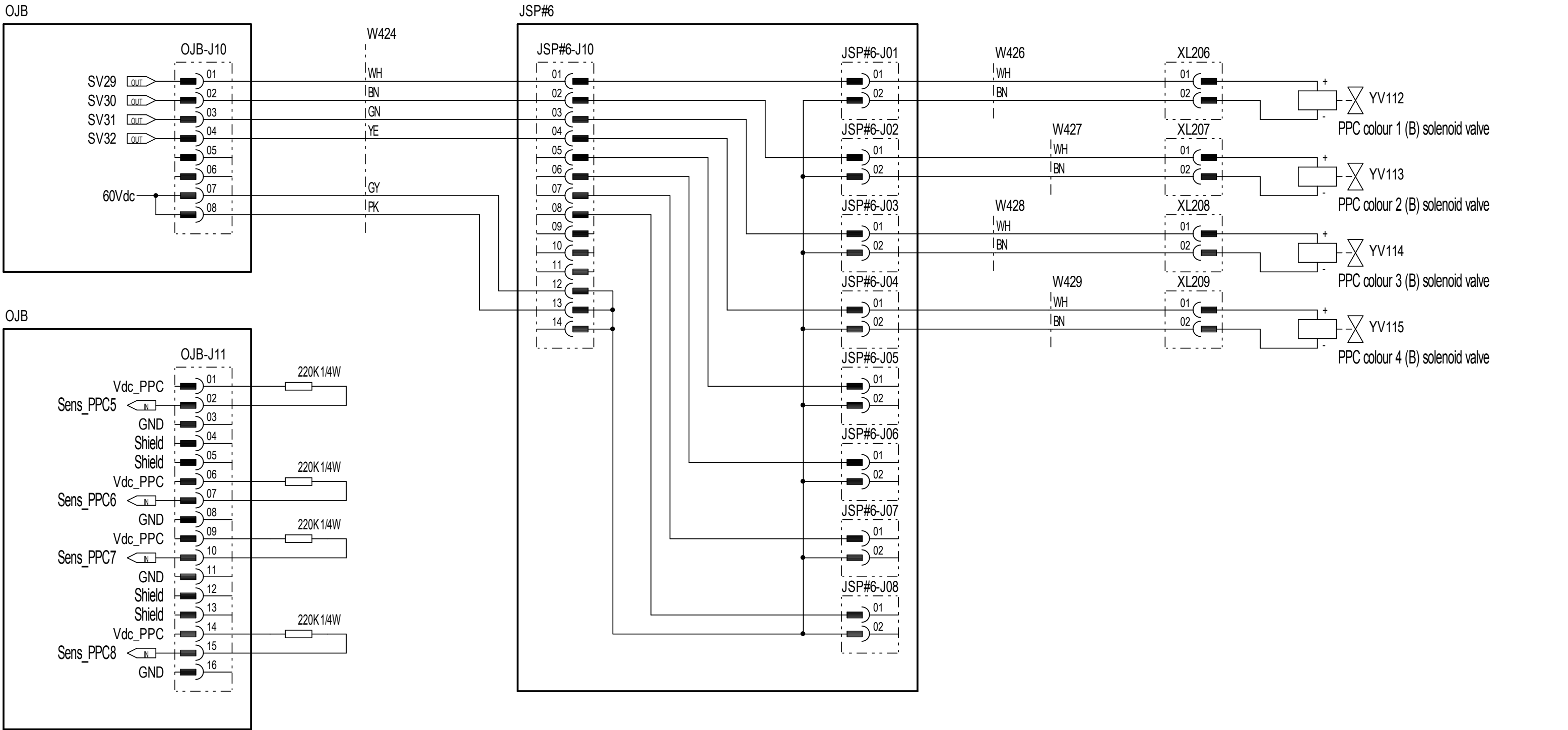
YV71
PPC colour 3 (A) solenoid valve

YV72
PPC colour 4 (A) solenoid valve

YV77
PPC auxiliary nozzles (A) solenoid valve

YV78
PPC auxiliary nozzles (B) solenoid valve

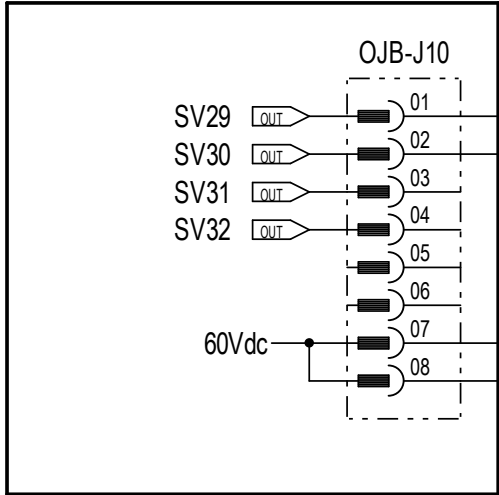
0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---



The OJB-J11 connector with the 4 resistors is present only for looms with double prenozzles

Diagram valid for looms with double prenozzles

OJB



W364-1

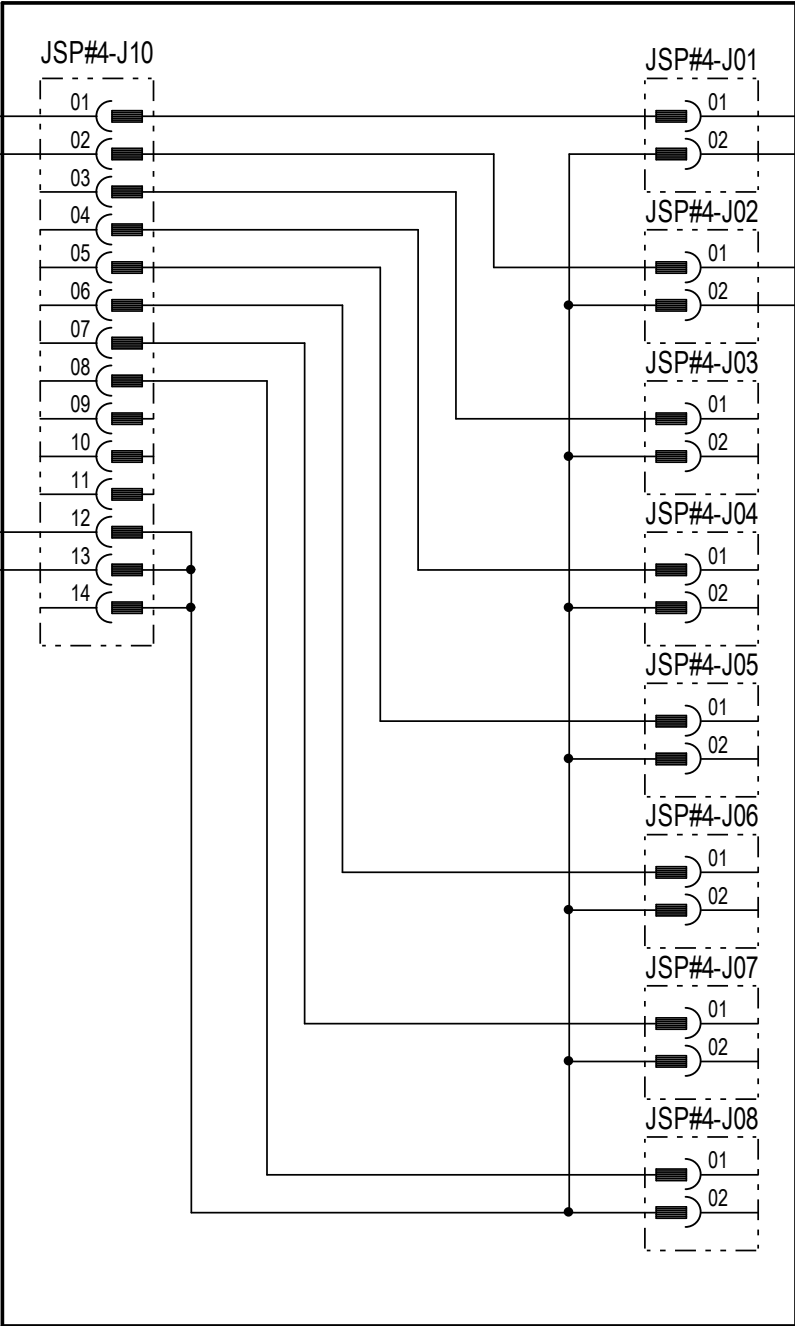
WH

BN

GN

YE

JSP#4



W369

WH

BN

W370

WH

BN

XL107

01

02

XL108

01

02

YV73

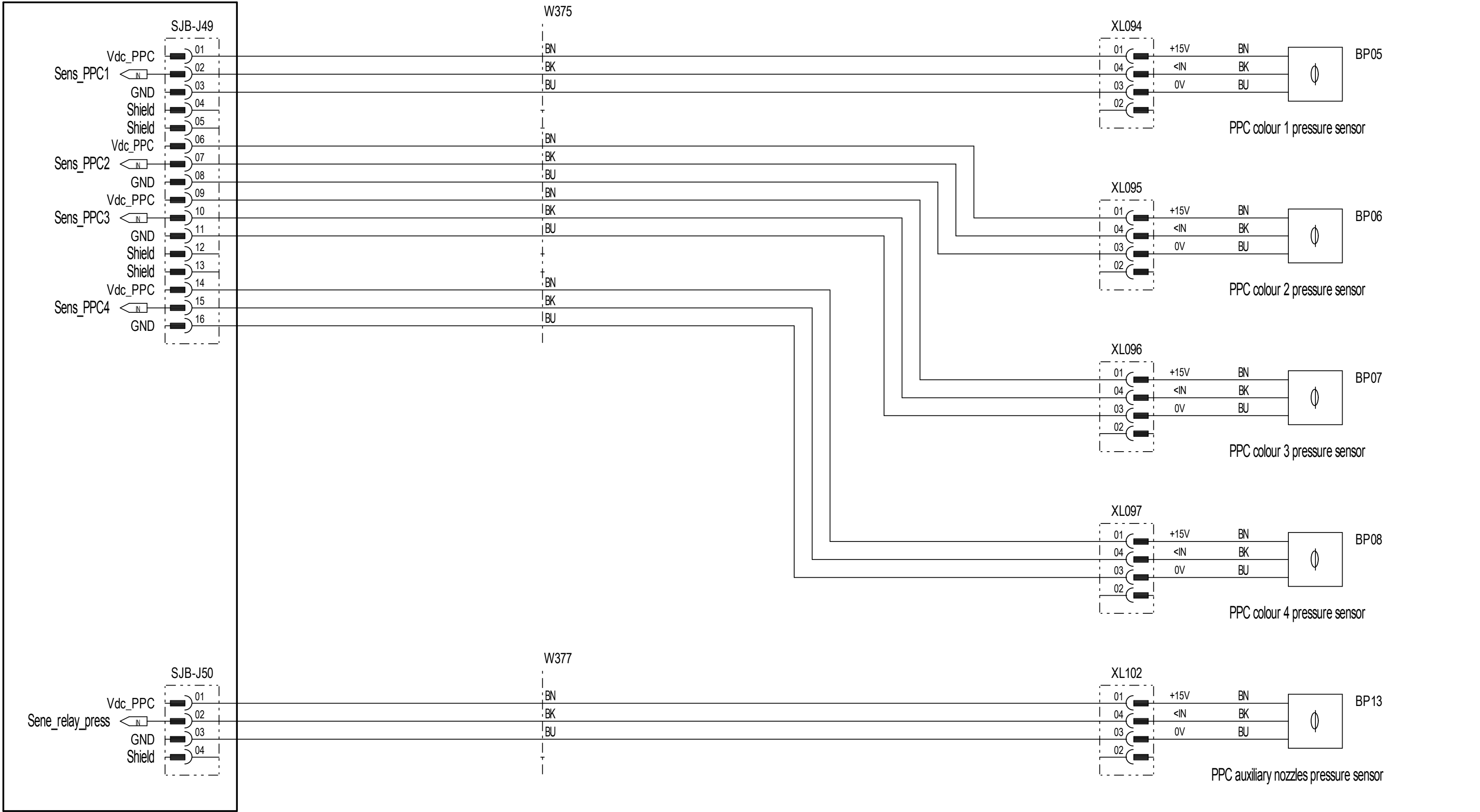
PPC colour 5 solenoid valve

YV74

PPC colour 6 solenoid valve

Diagram valid for looms
with 6 colours

SJB



0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

OJB

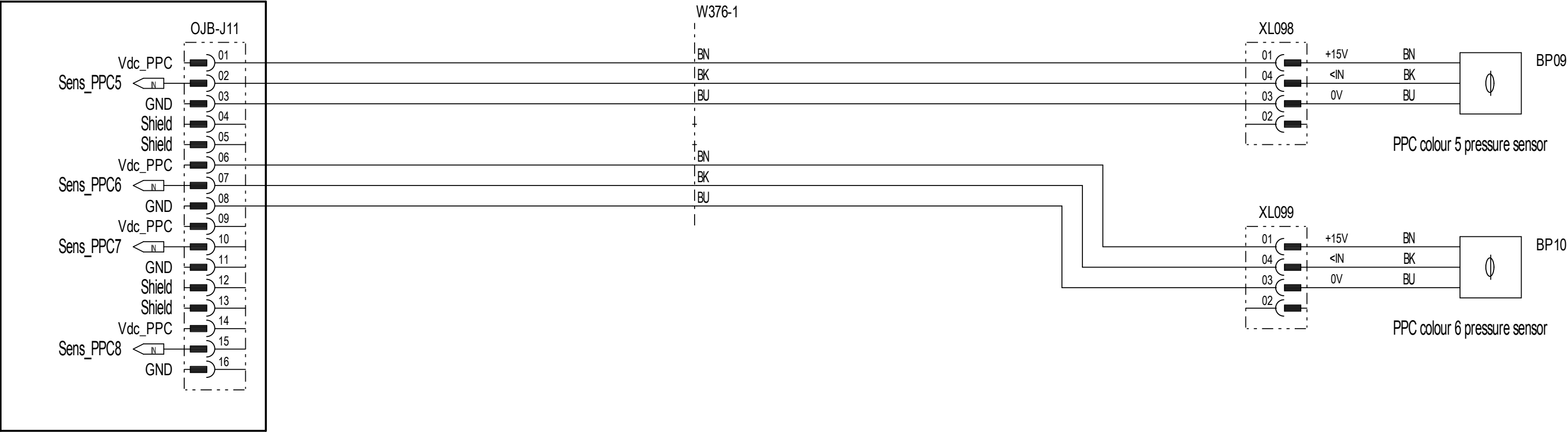
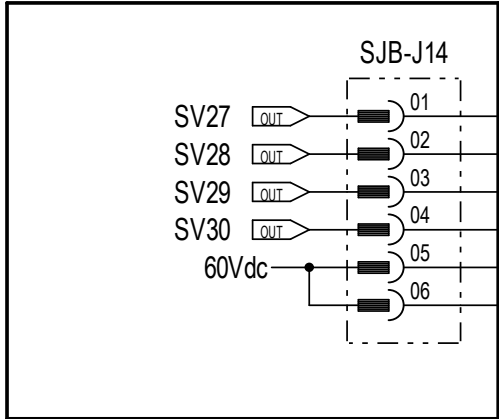


Diagram valid for looms
with 6 colours

SJB



W283

WH

BN

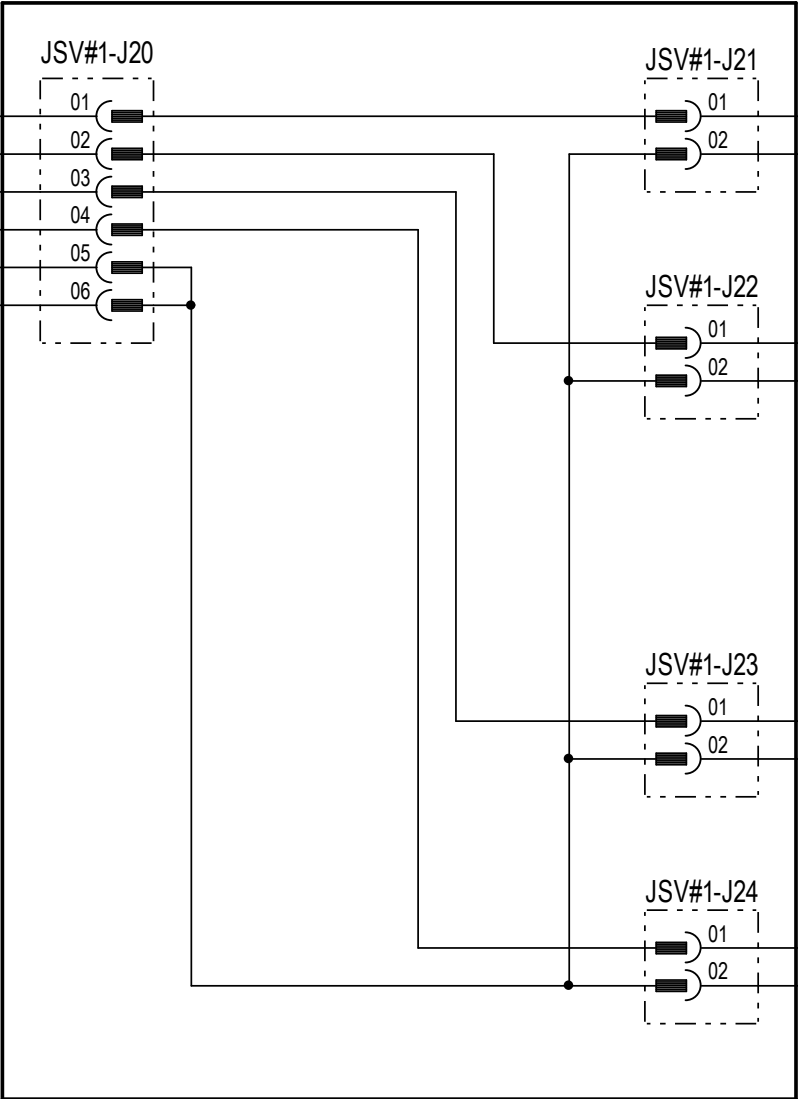
GN

YE

GY

PK

JSV#1



W290

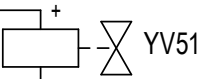
WH

BN

XL077

01

02



Left-hand tuck-in device suction solenoid valve

W291

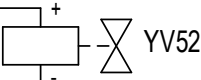
WH

BN

XL078

01

02



Left-hand tuck-in device blow solenoid valve

W292

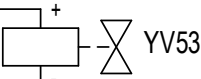
WH

BN

XL079

01

02



Right-hand tuck-in device suction solenoid valve

W293

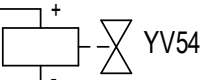
WH

BN

XL080

01

02



Right-hand tuck-in device blow solenoid valve

Diagram valid for looms
with left-hand and right-hand
tuck-in device

OJB

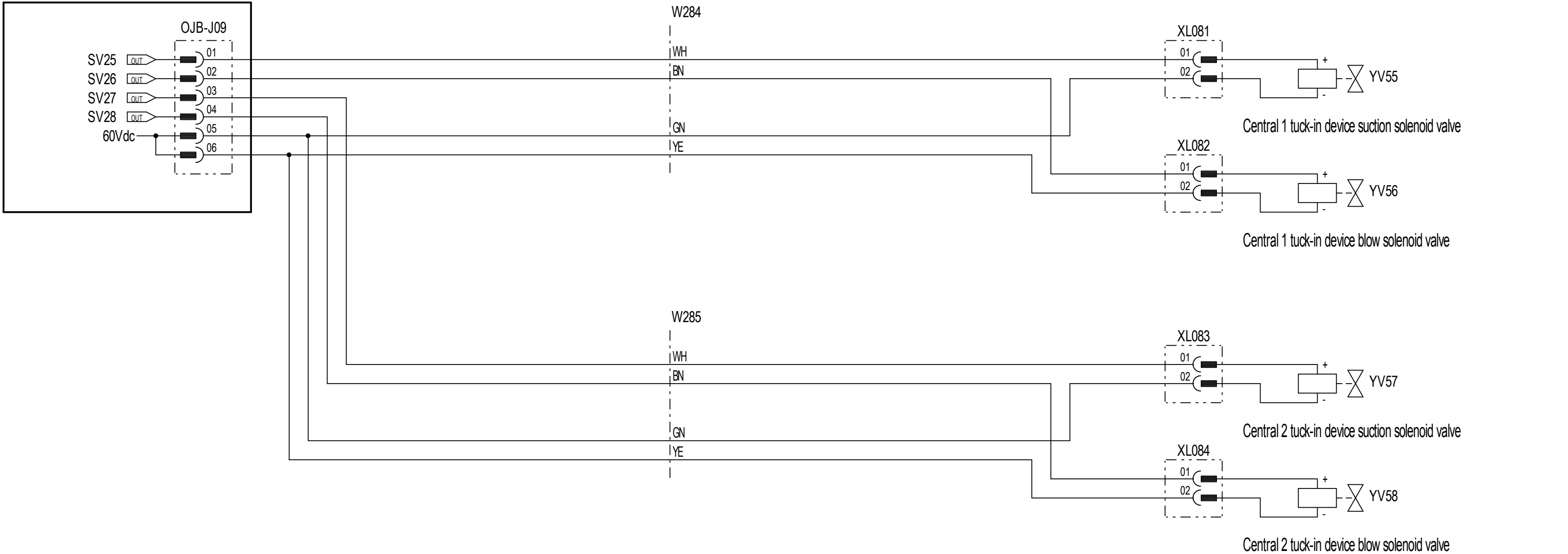


Diagram valid for looms
with central 1 and central 2 tuck-in device

SJB

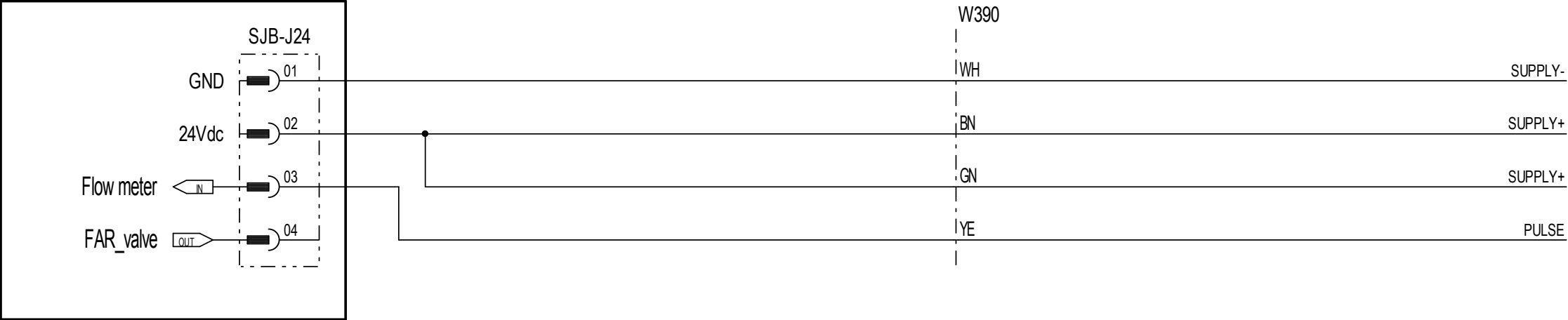
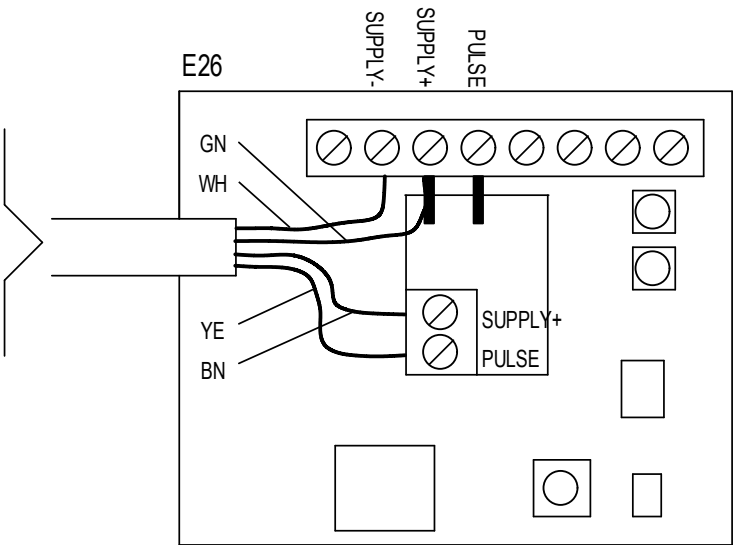


Diagram valid for looms
with BARCOVISION flowmeter



SJB

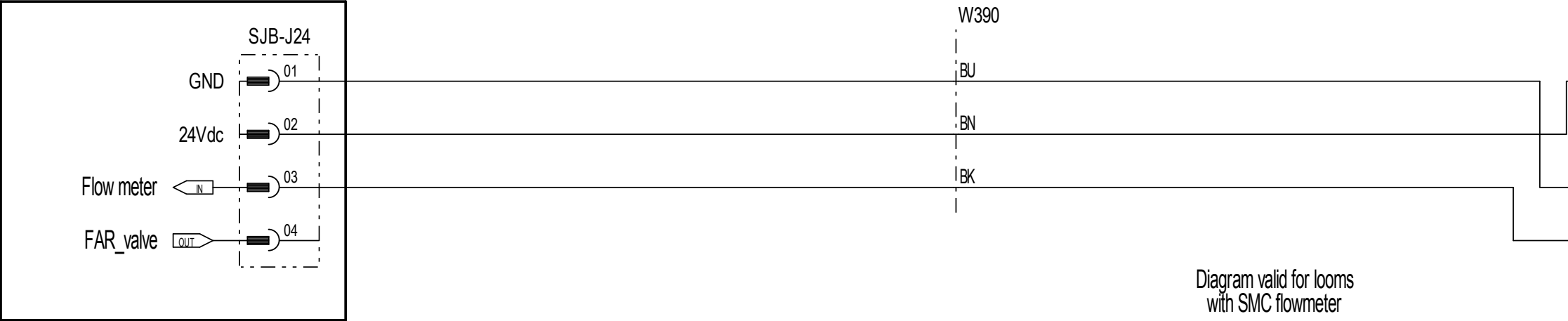
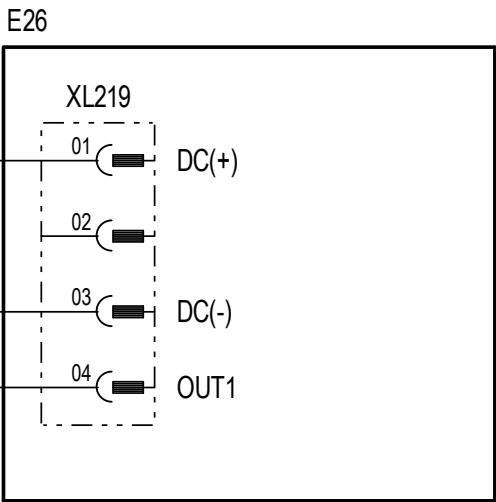
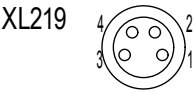


Diagram valid for looms
with SMC flowmeter



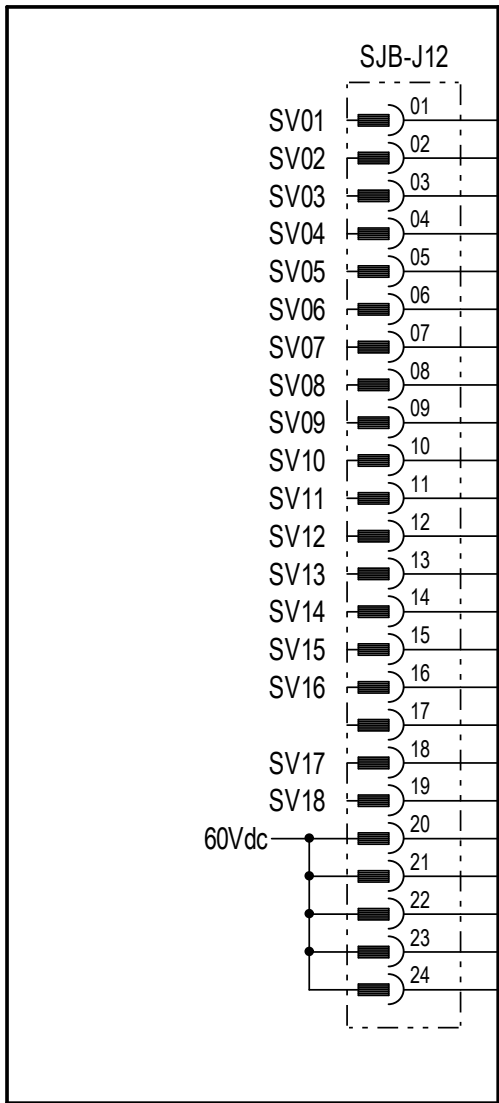
See
page
168.5

Different connection of w390 cable
in the case of loom with motorized FAR



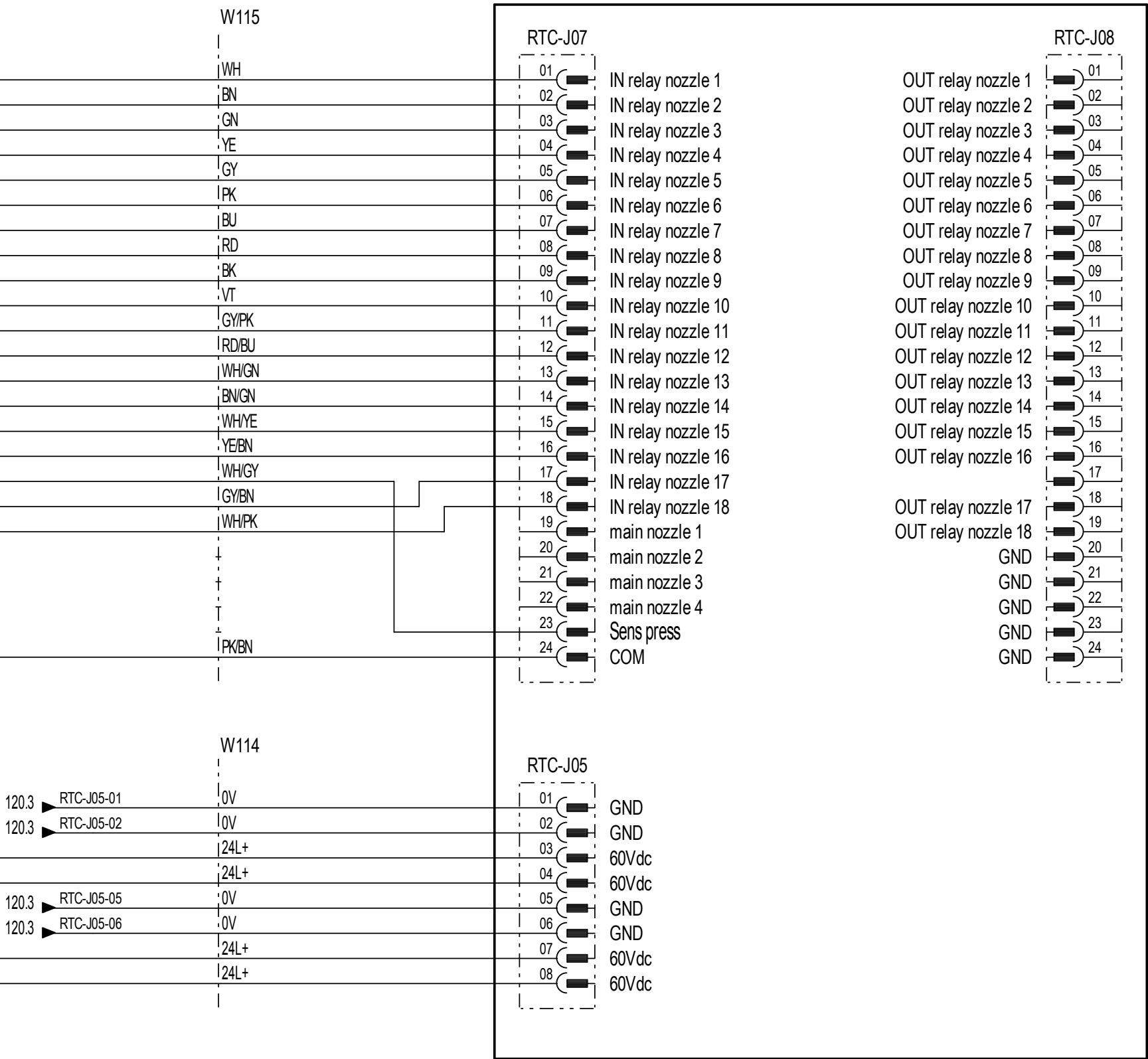
Connection side view
Female contacts

SJB

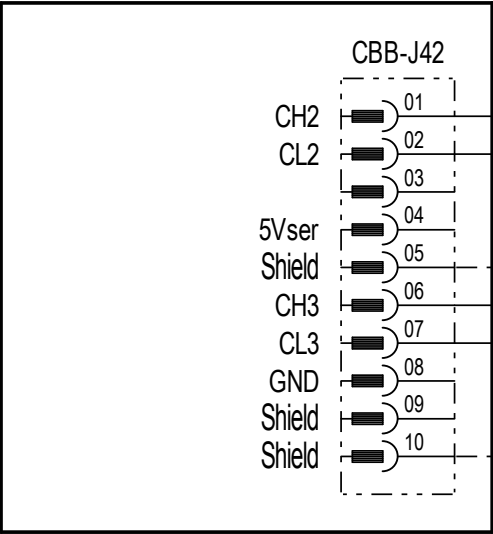


With RTC application
the JP9 jumper of SJB board
must be closed

RTC



CBB



W116

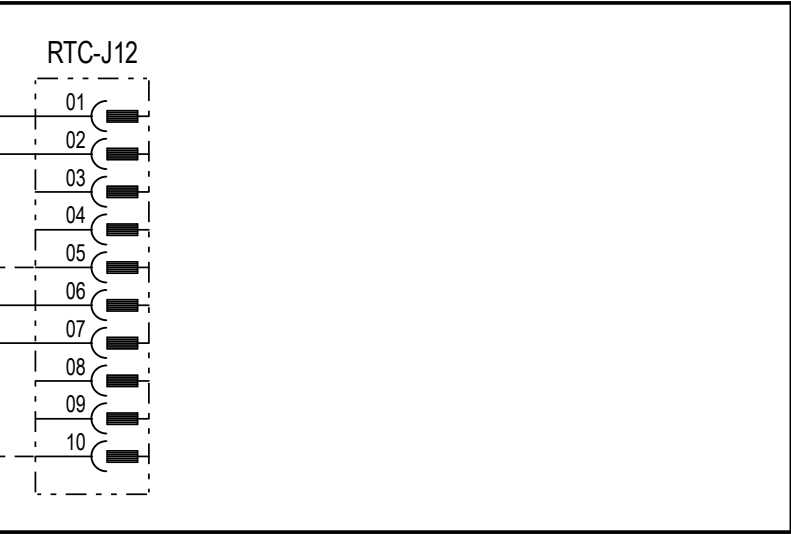
WH

BN

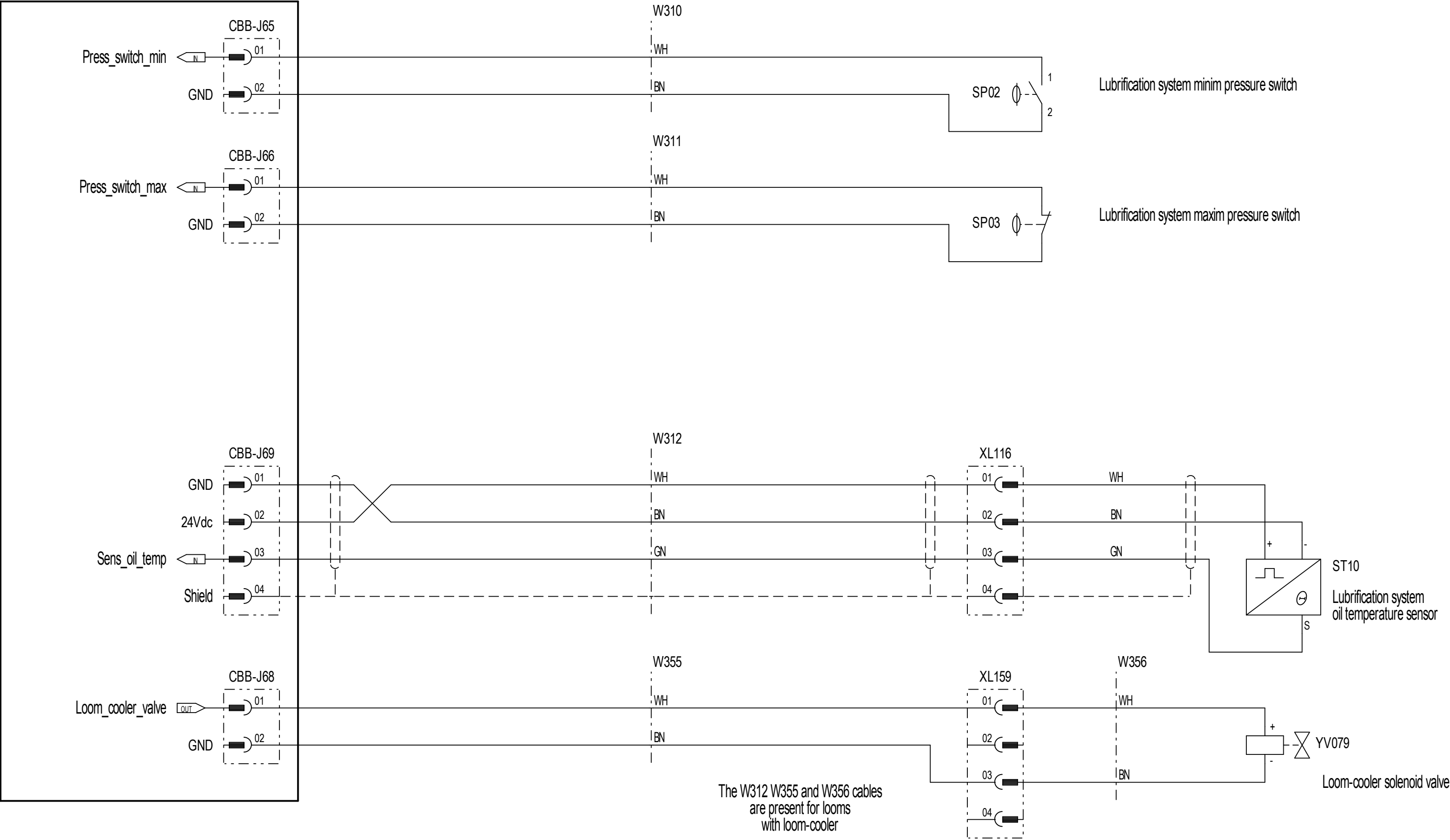
GN

YE

RTC

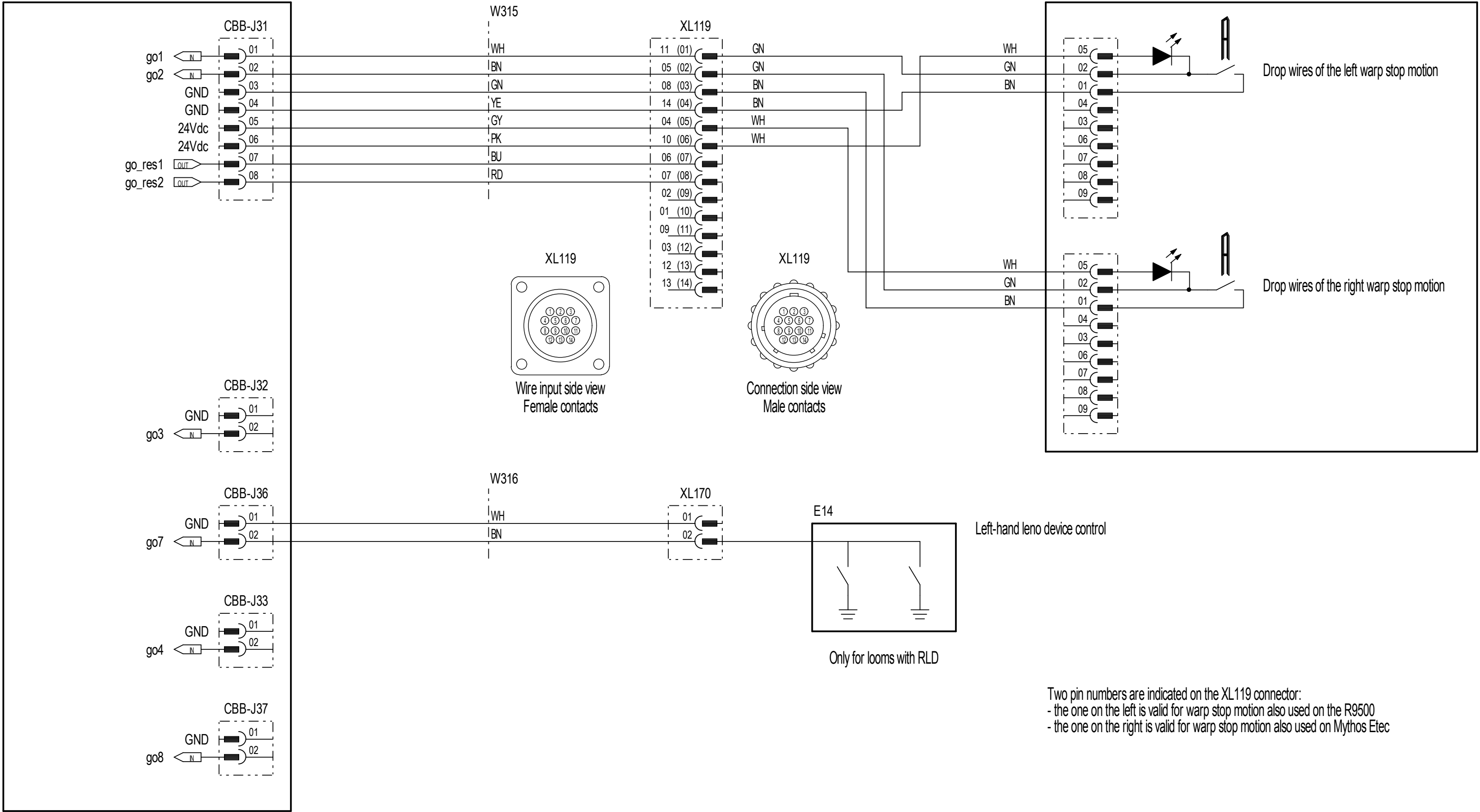


CBB



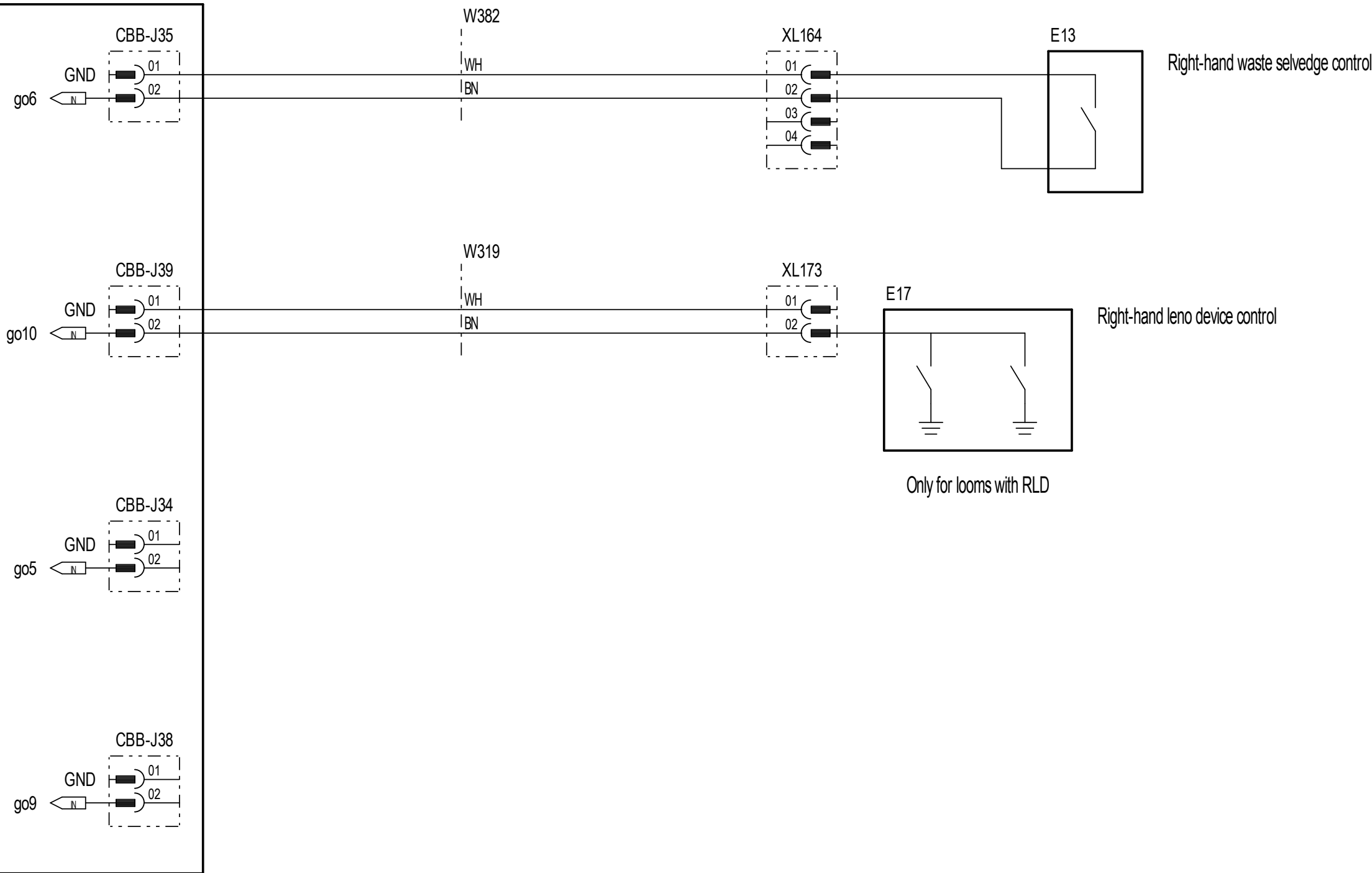
CBB

E09-1

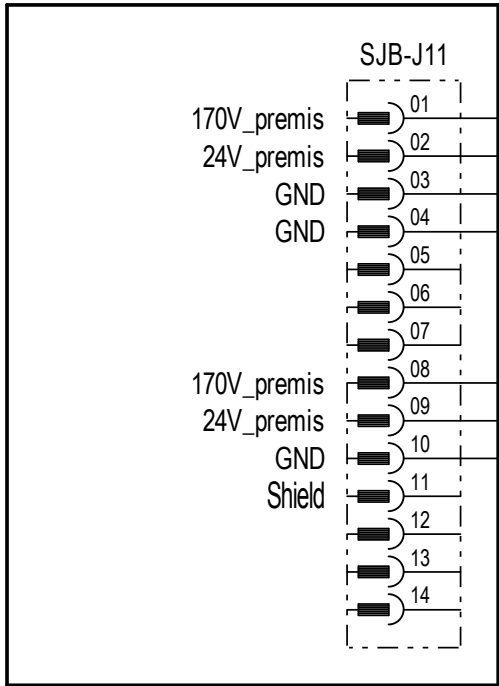


Two pin numbers are indicated on the XL119 connector:
- the one on the left is valid for warp stop motion also used on the R9500
- the one on the right is valid for warp stop motion also used on Mythos Etec

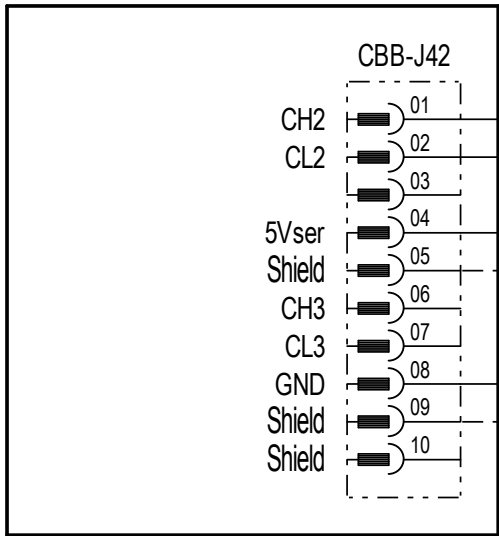
CBB



SJB



CBB



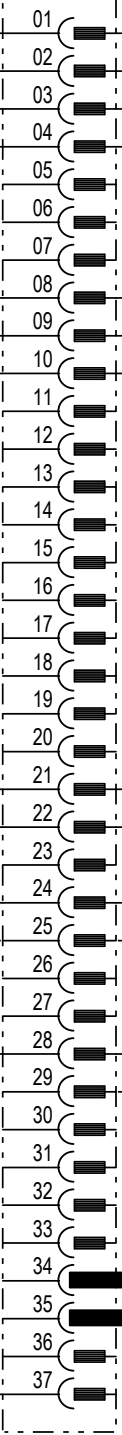
W053

9L+
10L+
.0V
.0V

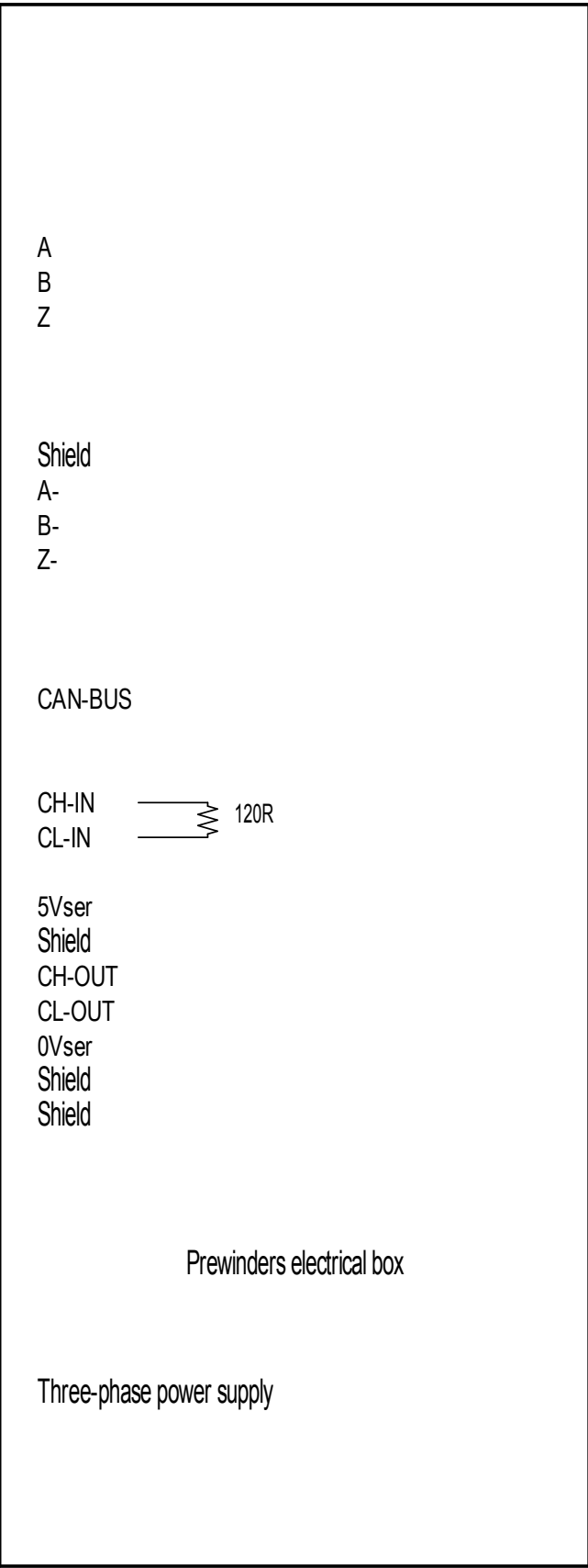
9L+
10L+
.0V

GN
YE
BN
WH

XC04

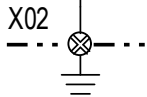
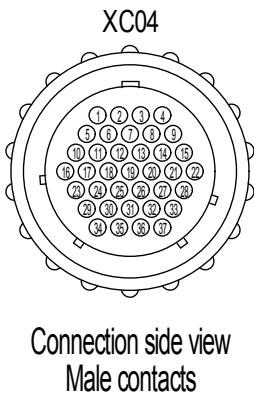
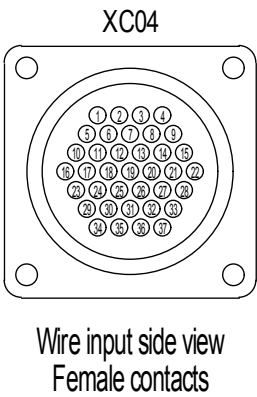


E21



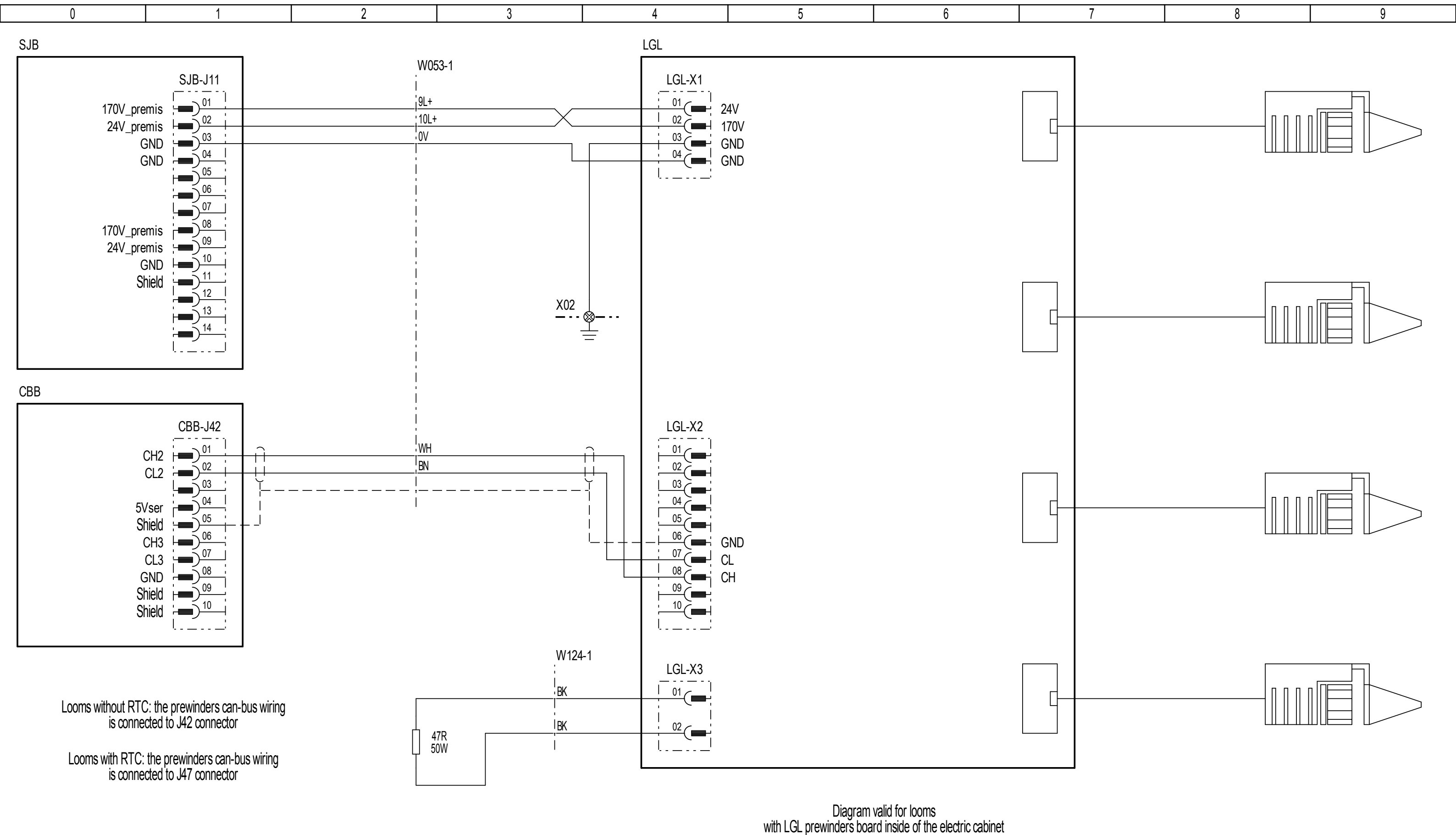
Looms without RTC: the prewinders can-bus wiring is connected to J42 connector

Looms with RTC: the prewinders can-bus wiring is connected to J47 connector

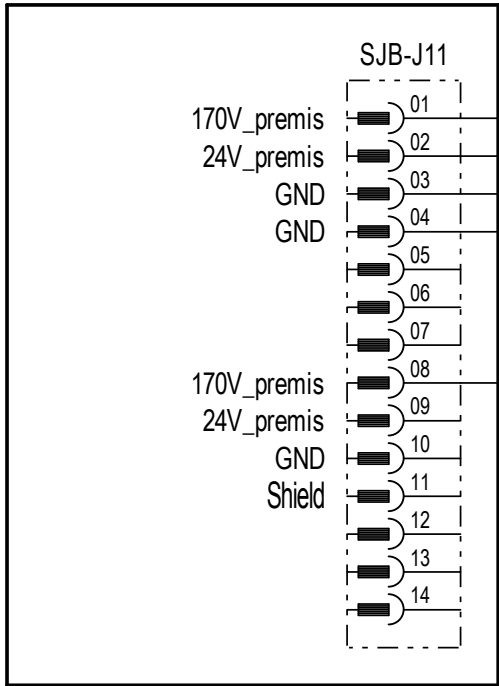


polarization key

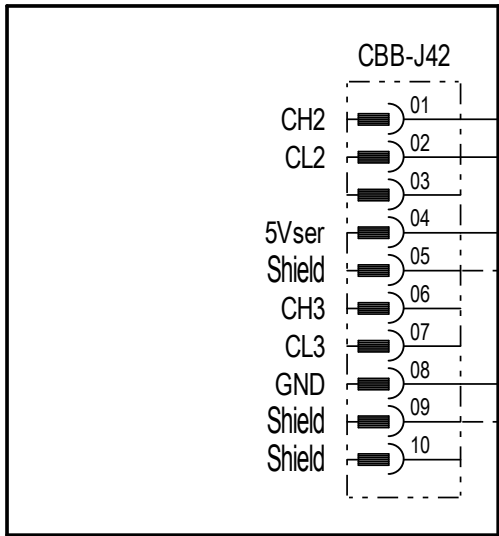
Diagram valid for looms with external prewinders box



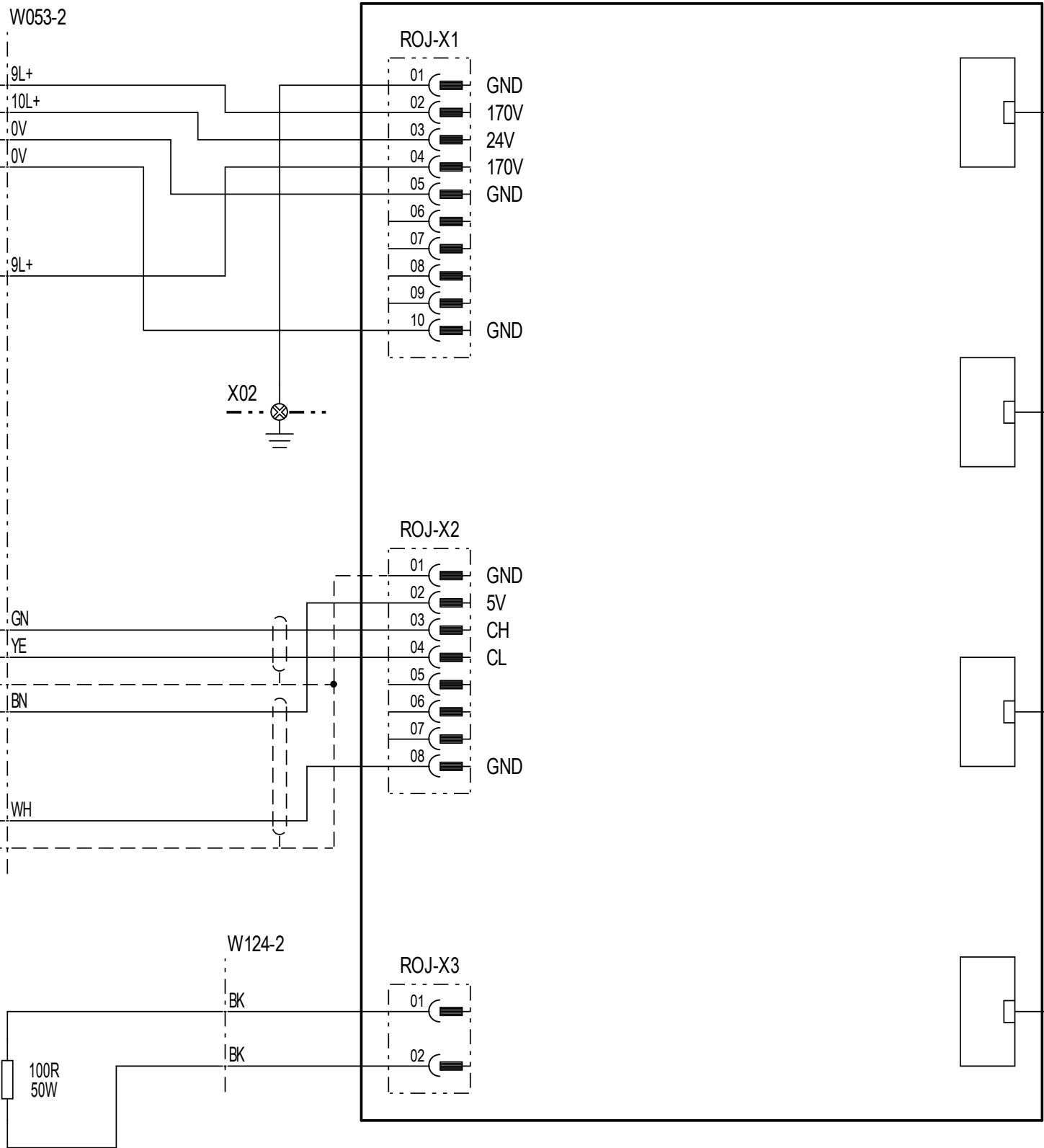
SJB



CBB



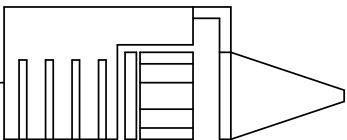
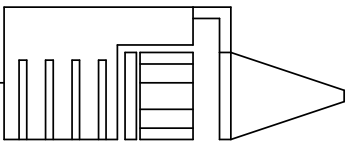
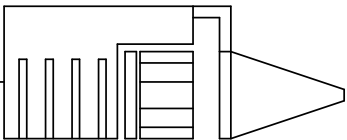
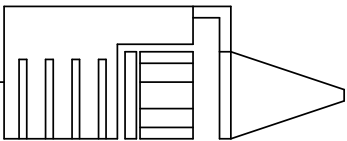
ROJ



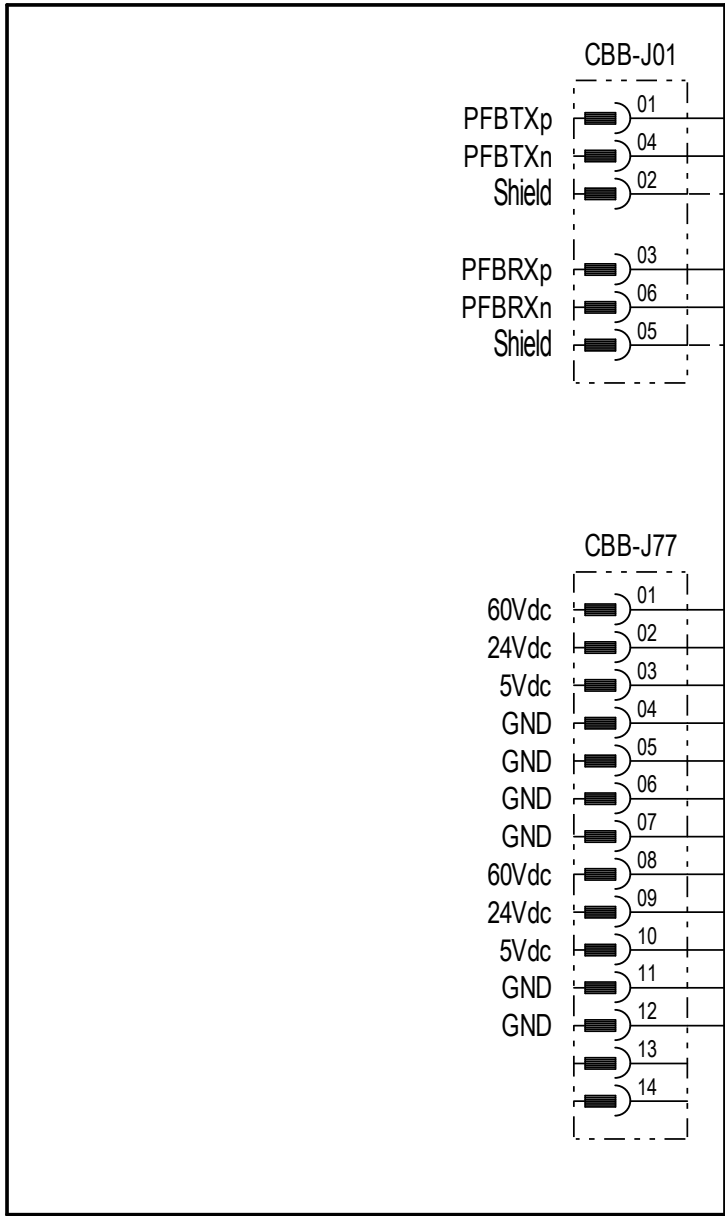
Looms without RTC: the prewinders can-bus wiring
is connected to J42 connector

Looms with RTC: the prewinders can-bus wiring
is connected to J47 connector

Diagram valid for looms
with ROJ prewinders board inside of the electric cabinet



CBB



W062

WH
BN

GN
YE

W061

15L+
14L+
13L+
13L-
0V
0V
0V
15L+
14L+
13L+
13L-
0V

CDD

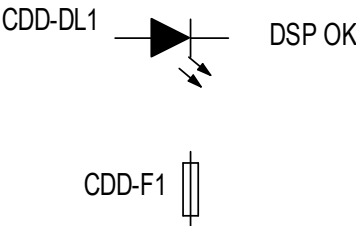
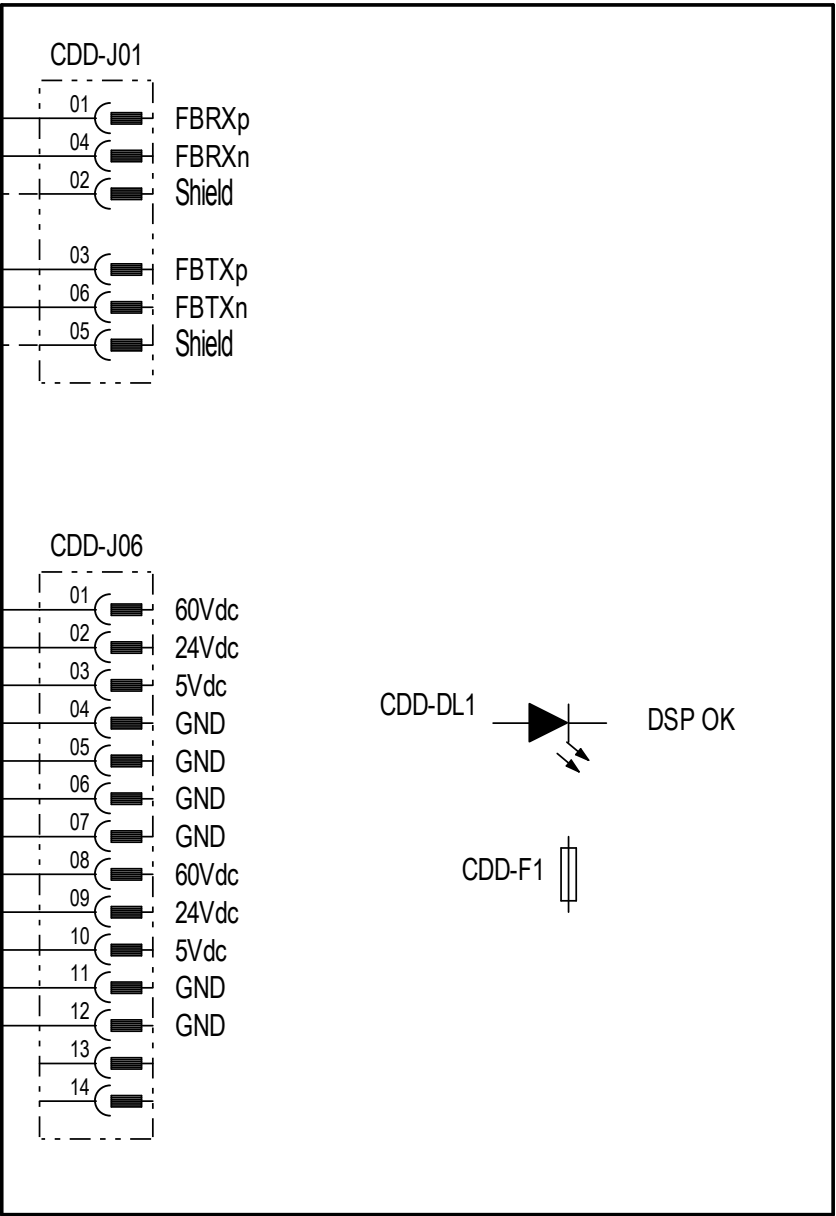
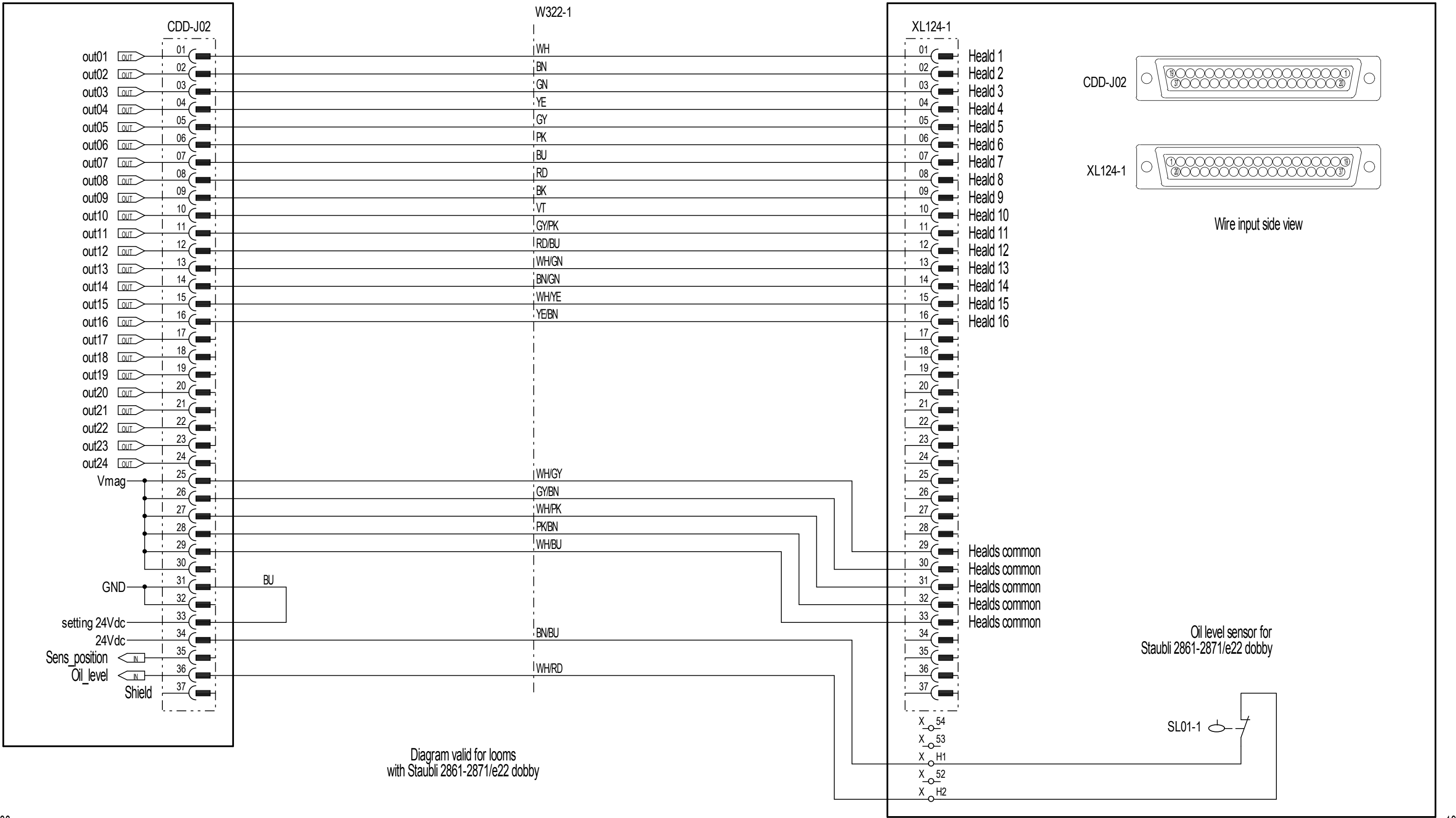


Diagram valid for looms
with electronic dobby

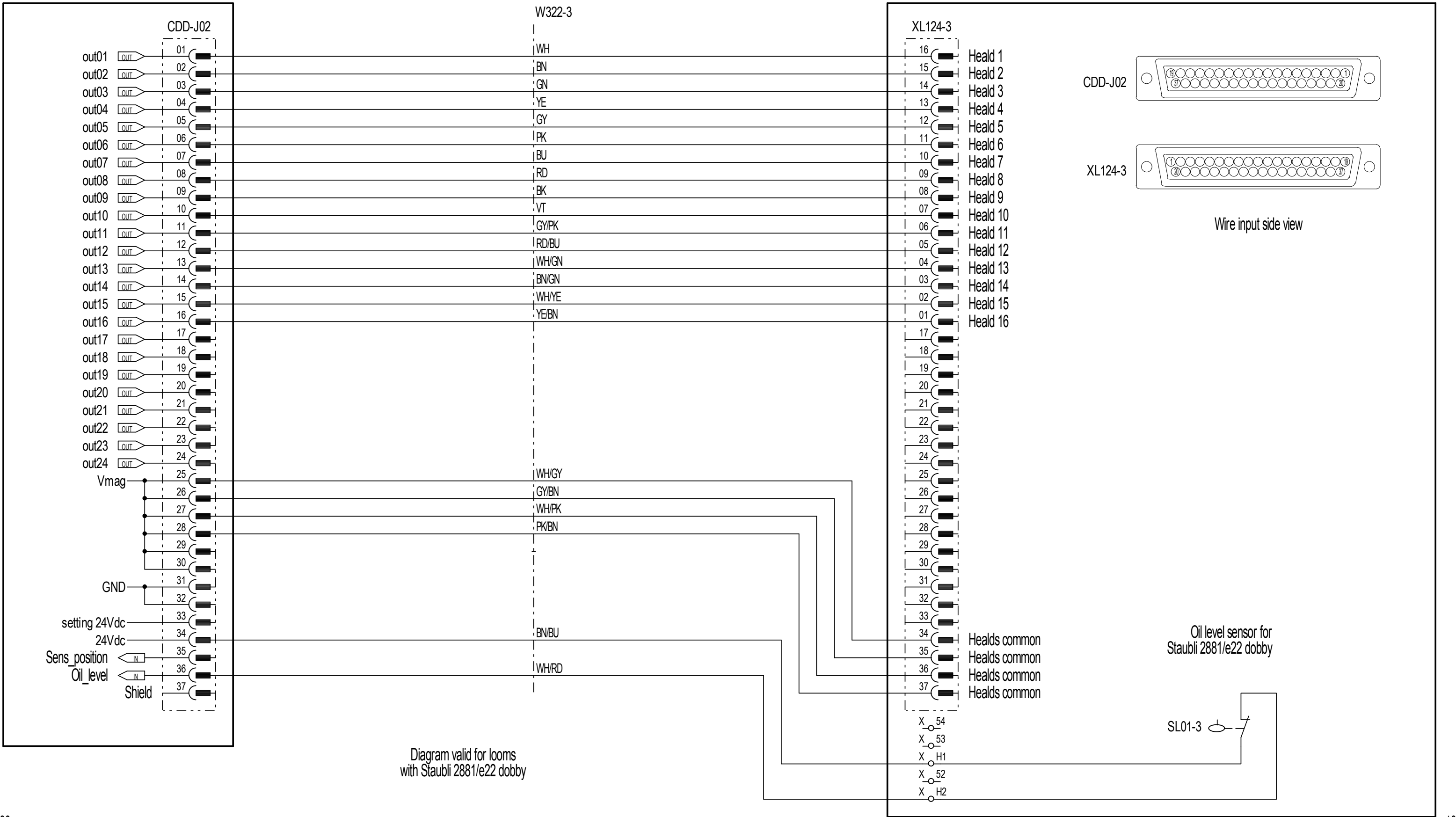
CDD

E18-1



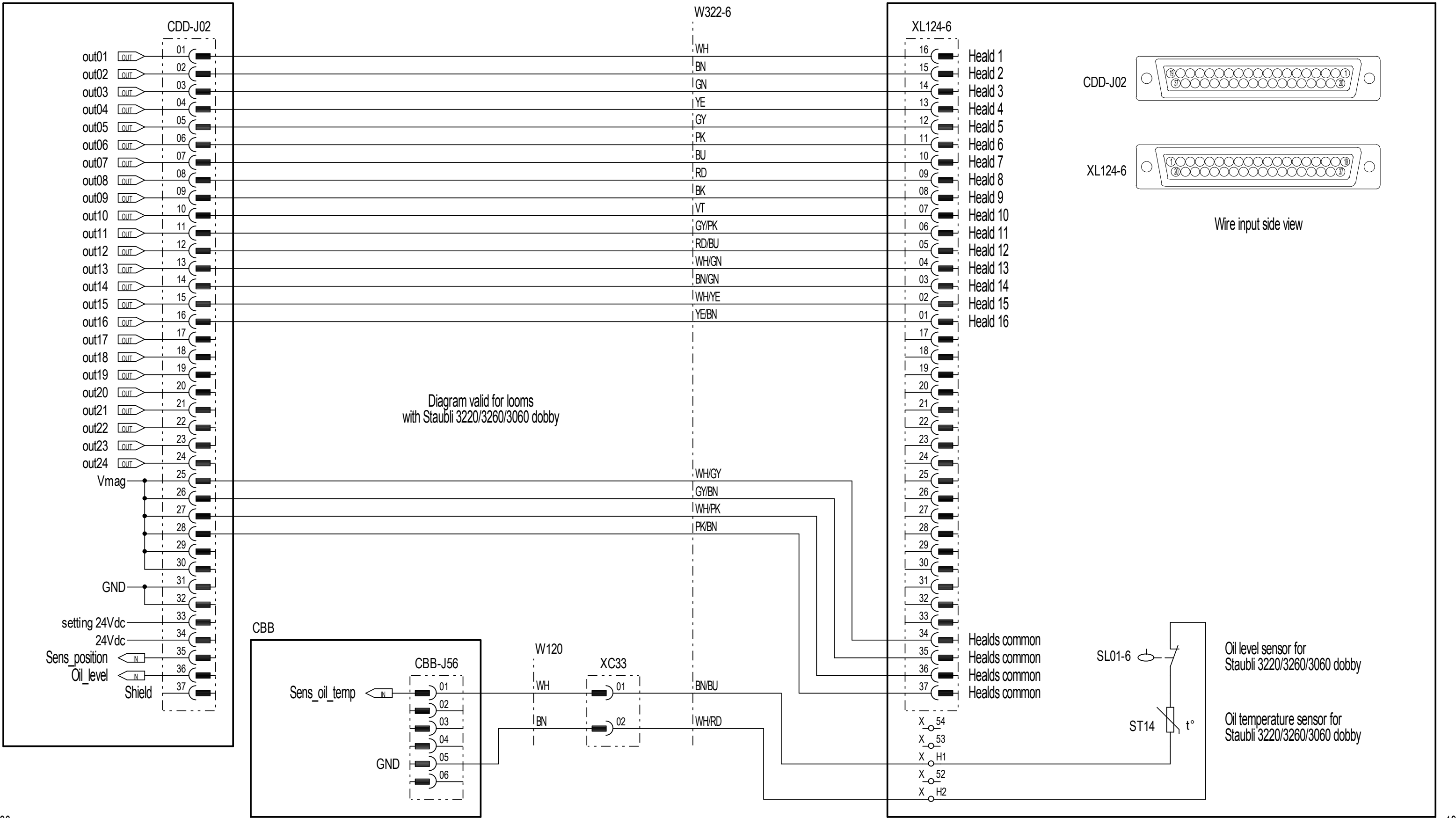
CDD

E18-3



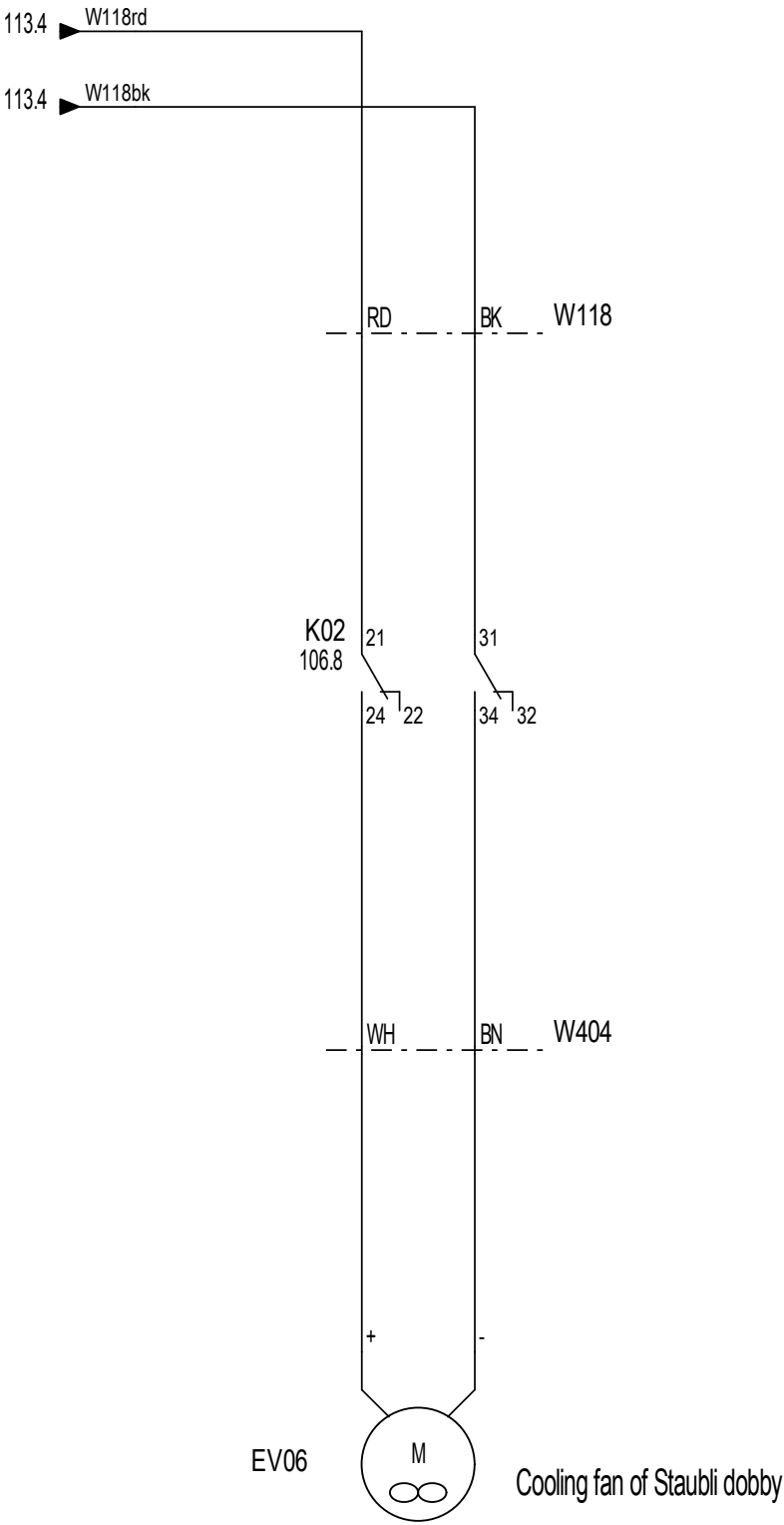
CDD

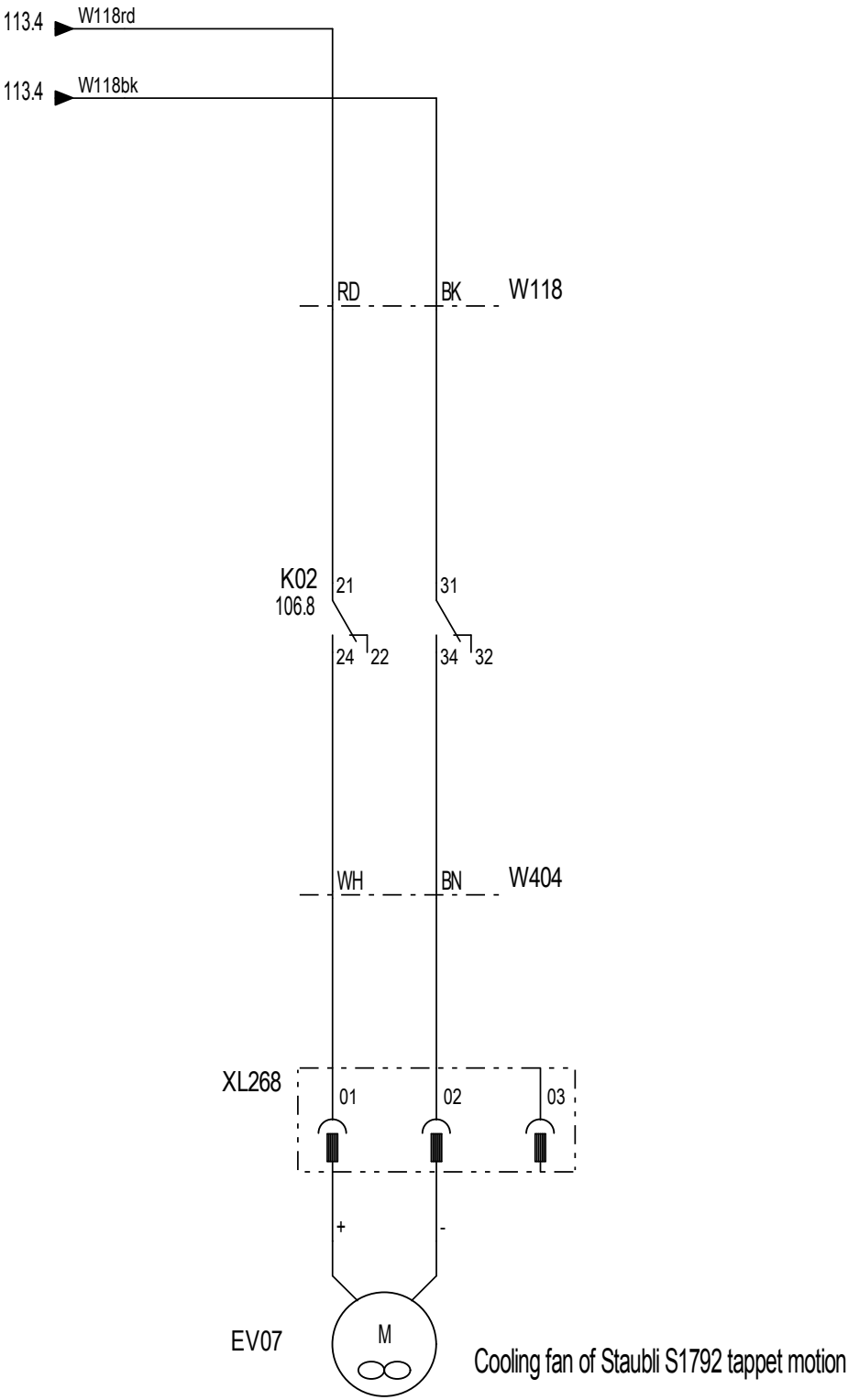
E18-6



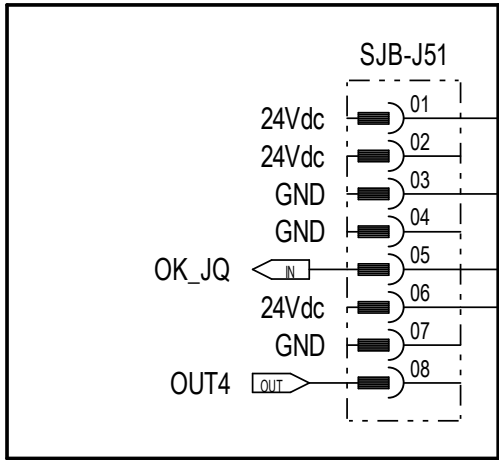
190

192

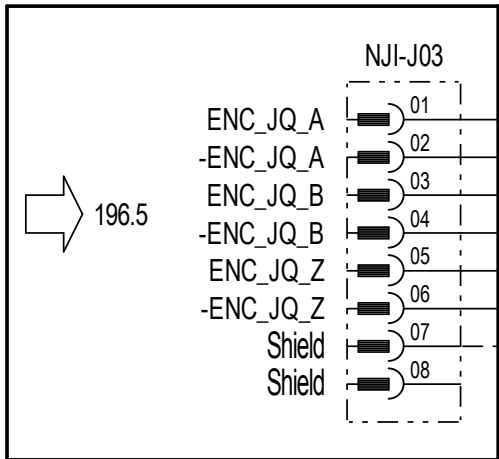




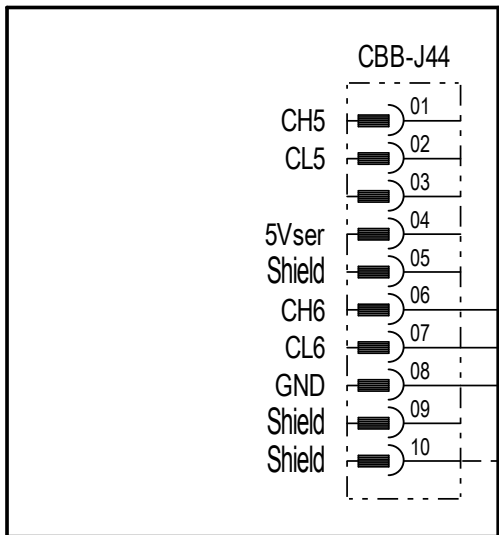
SJB



NJI



CBB



W057

XC24

Jacquard enabling

XC24

Jacquard general authorization line

Emergency pushbutton for jacquard

A

-A

B

-B

Z

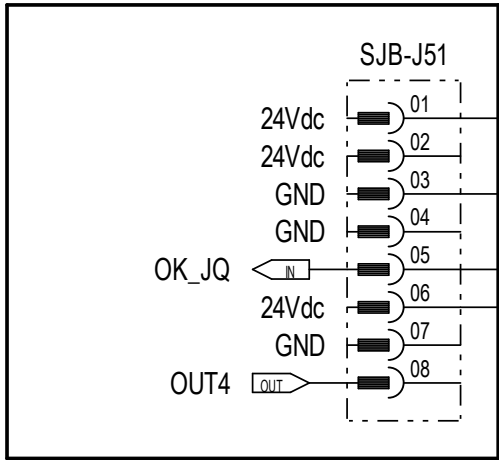
-Z

GND CAN-BUS

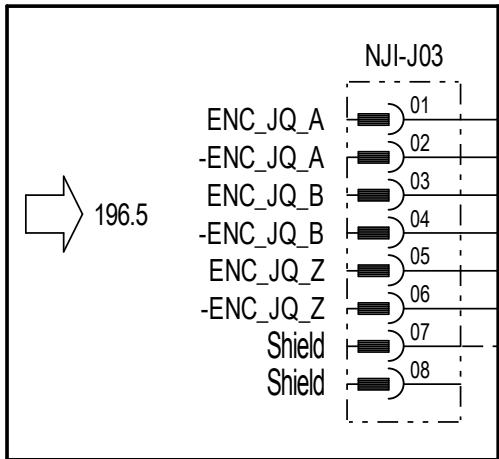
polarization key

Jumper to be fit on the XC24 connector
when the jacquard is not yet connected
to the electric box of the loom

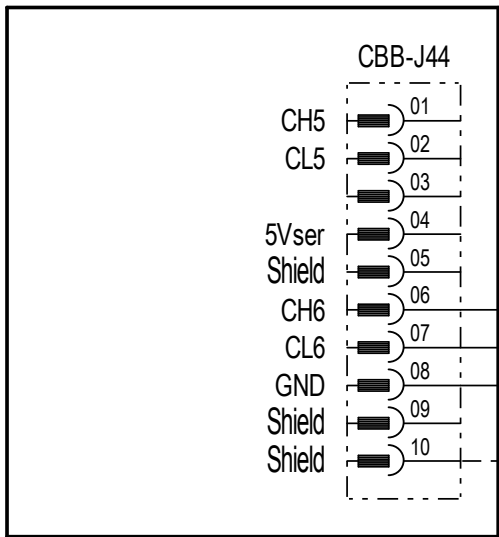
SJB



NJI



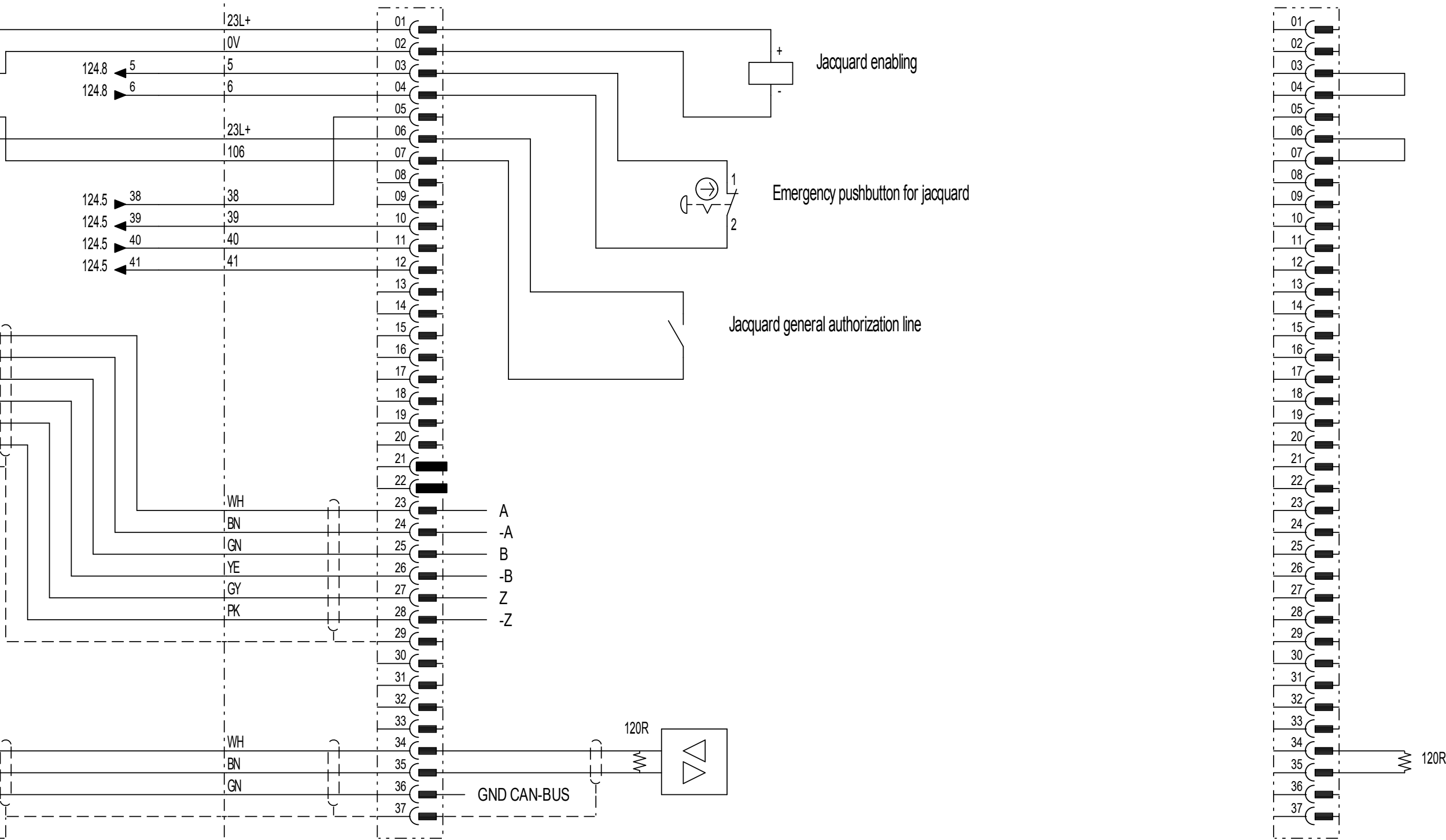
CBB



W057

XC24

XC24

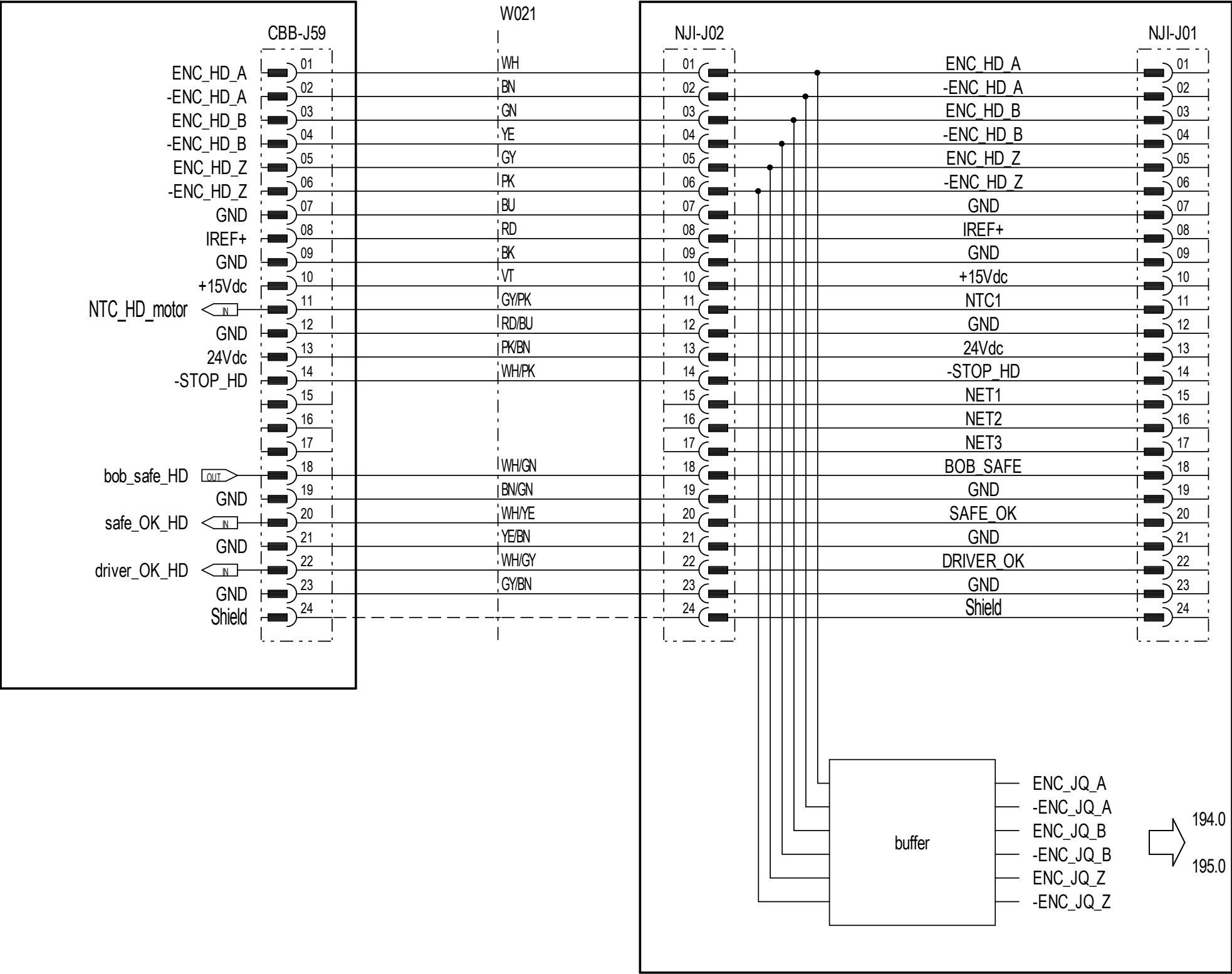


polarization key

Jumper to be fit on the XC24 connector
when the jacquard is not yet connected
to the electric box of the loom

CBB

NJI



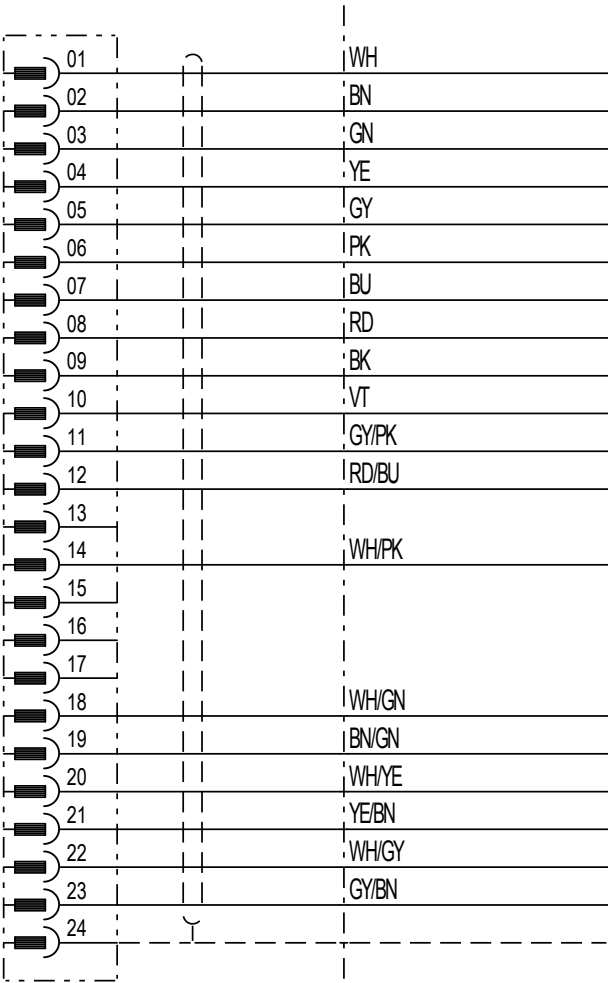
Looms with jacquard:
the W020 wiring
is connected to NJI-J1

Looms without jacquard:
the W020 wiring
is connected to CBB-J59

See page
107.3
See page
108.2



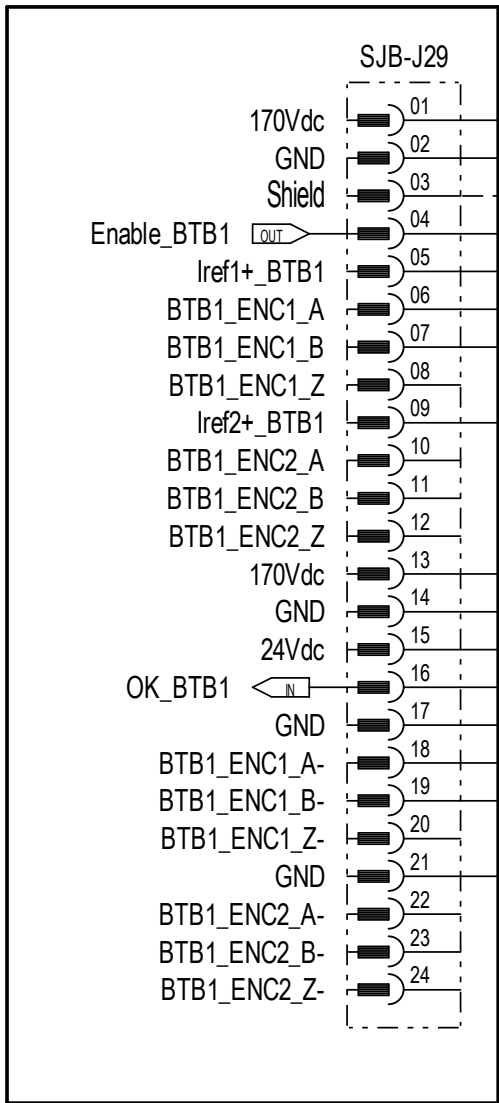
W020



With Staubli jacquard

With Bonas jacquard

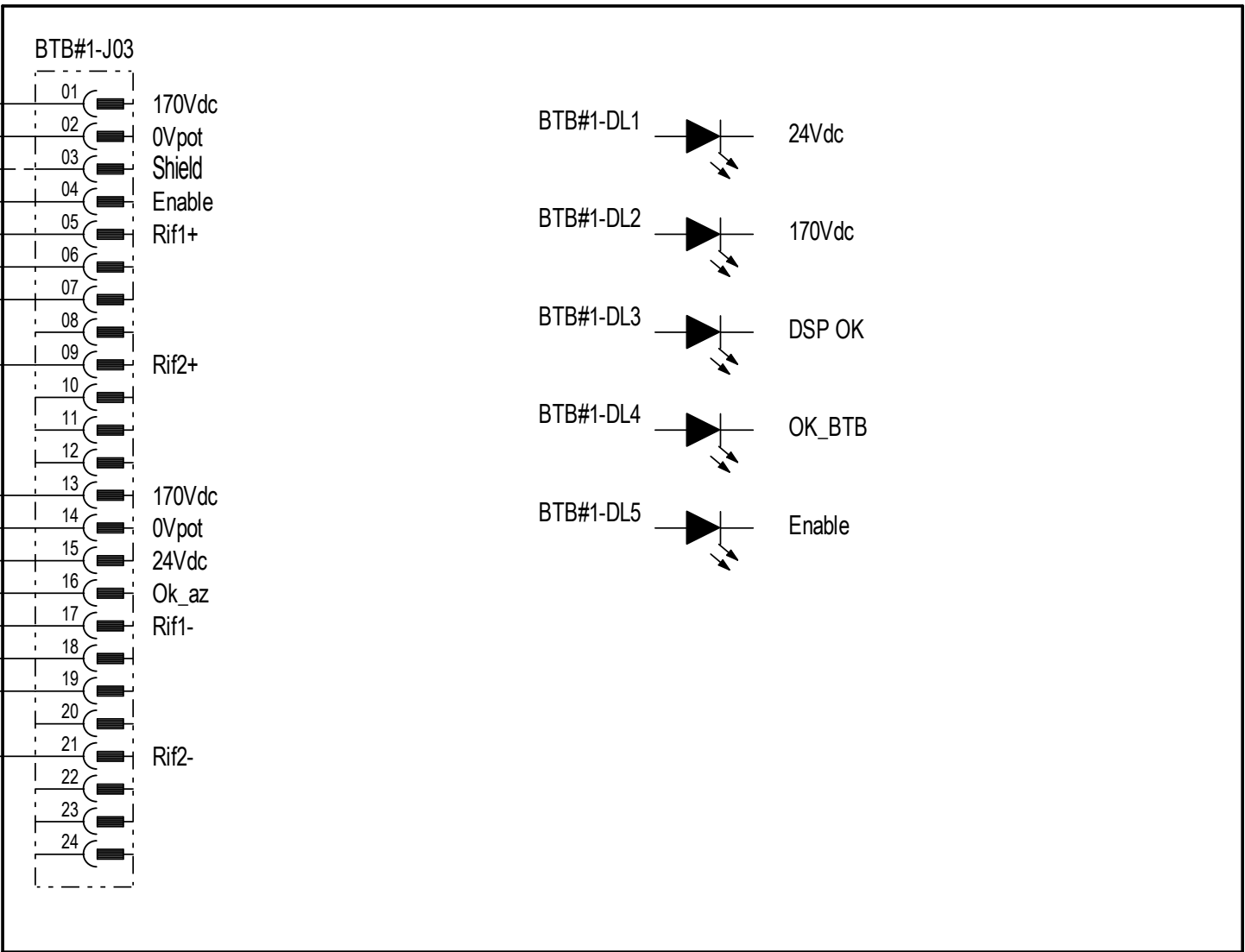
SJB

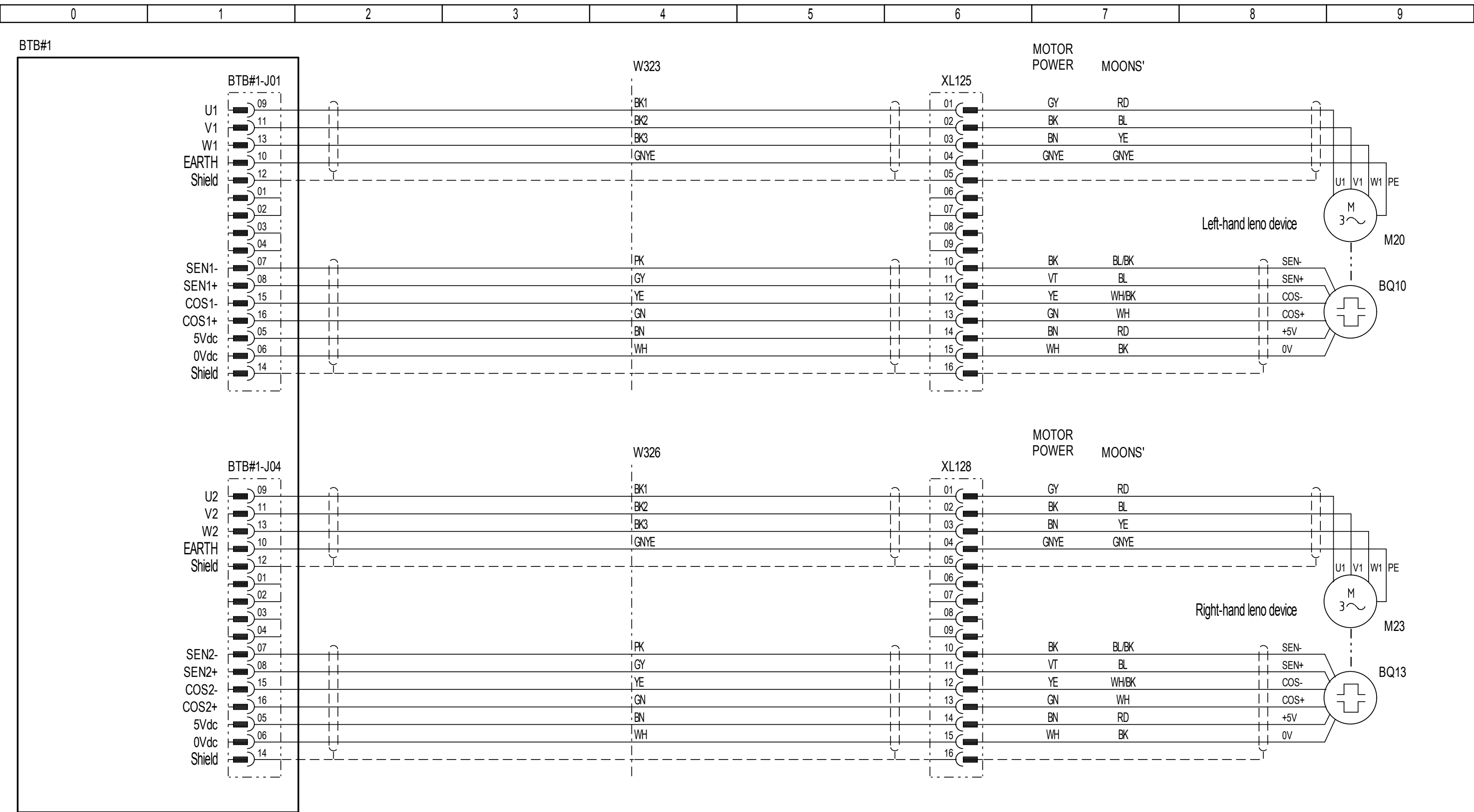


W071

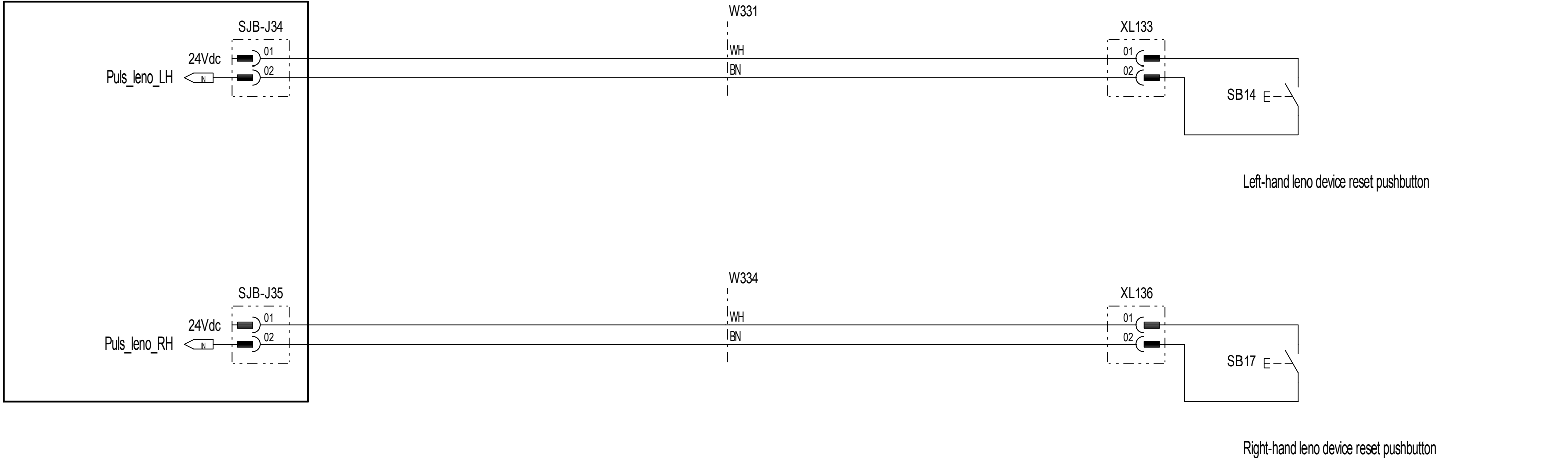
11L+
0V
WH
BN
GN
YE
GY
11L+
0V
PK
BU
RD
BK
VT
GY/PK

BTB#1

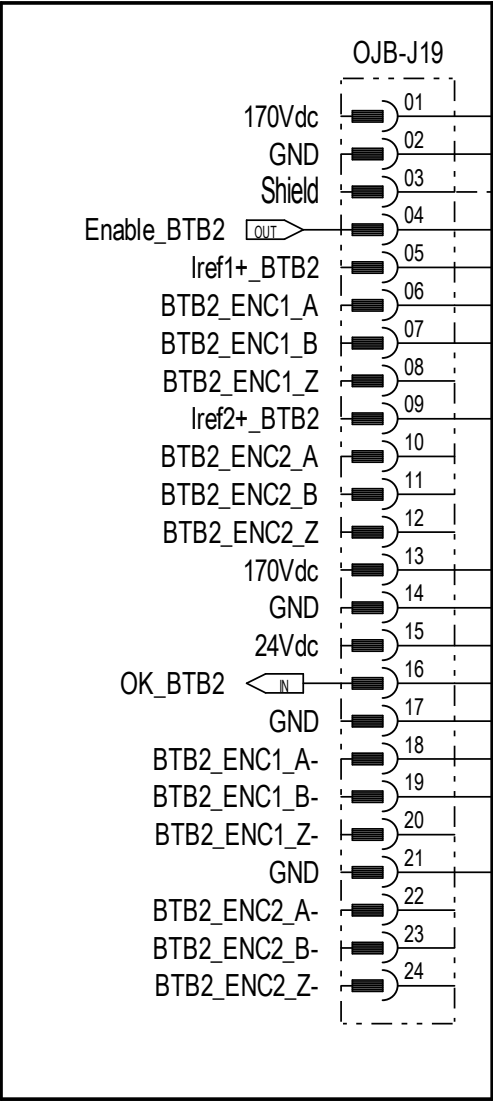




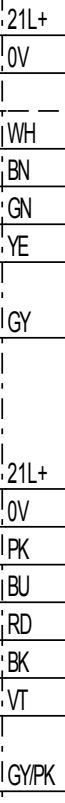
SJB



OJB

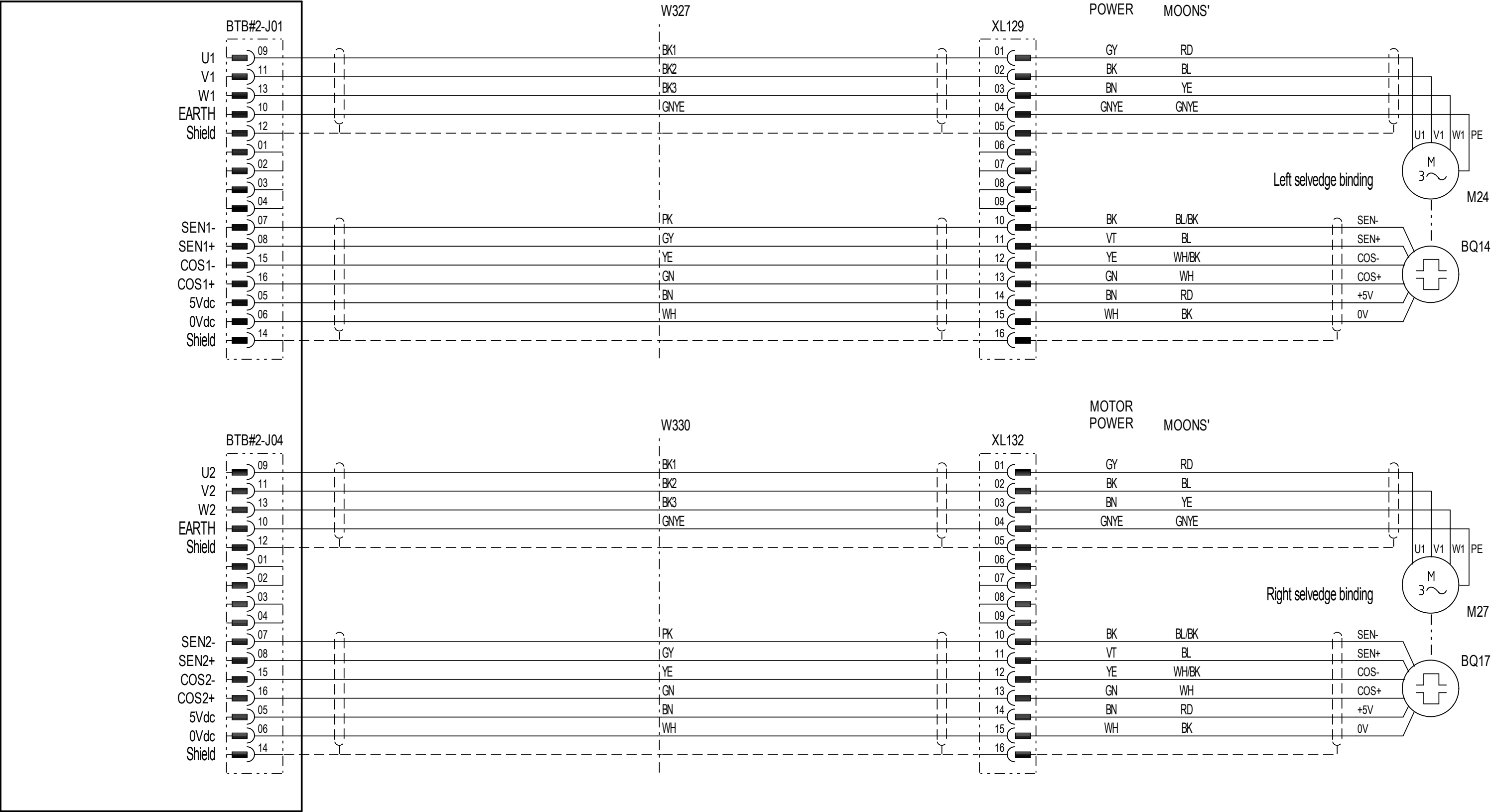


W072



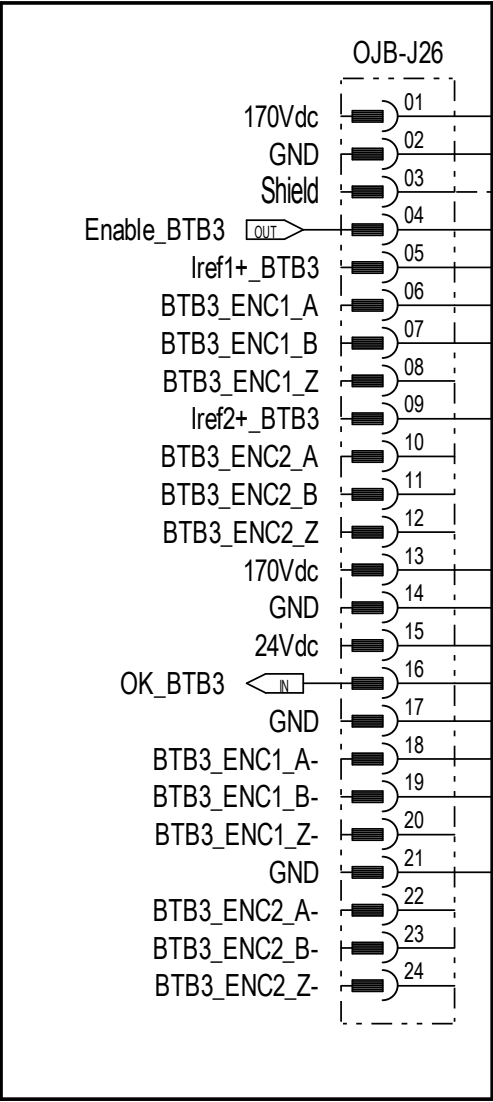
0	1	2	3	4	5	6	7	8	9
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BTB#2

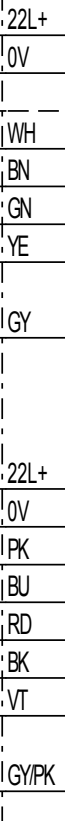


0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

OJB



W073



BTB#3

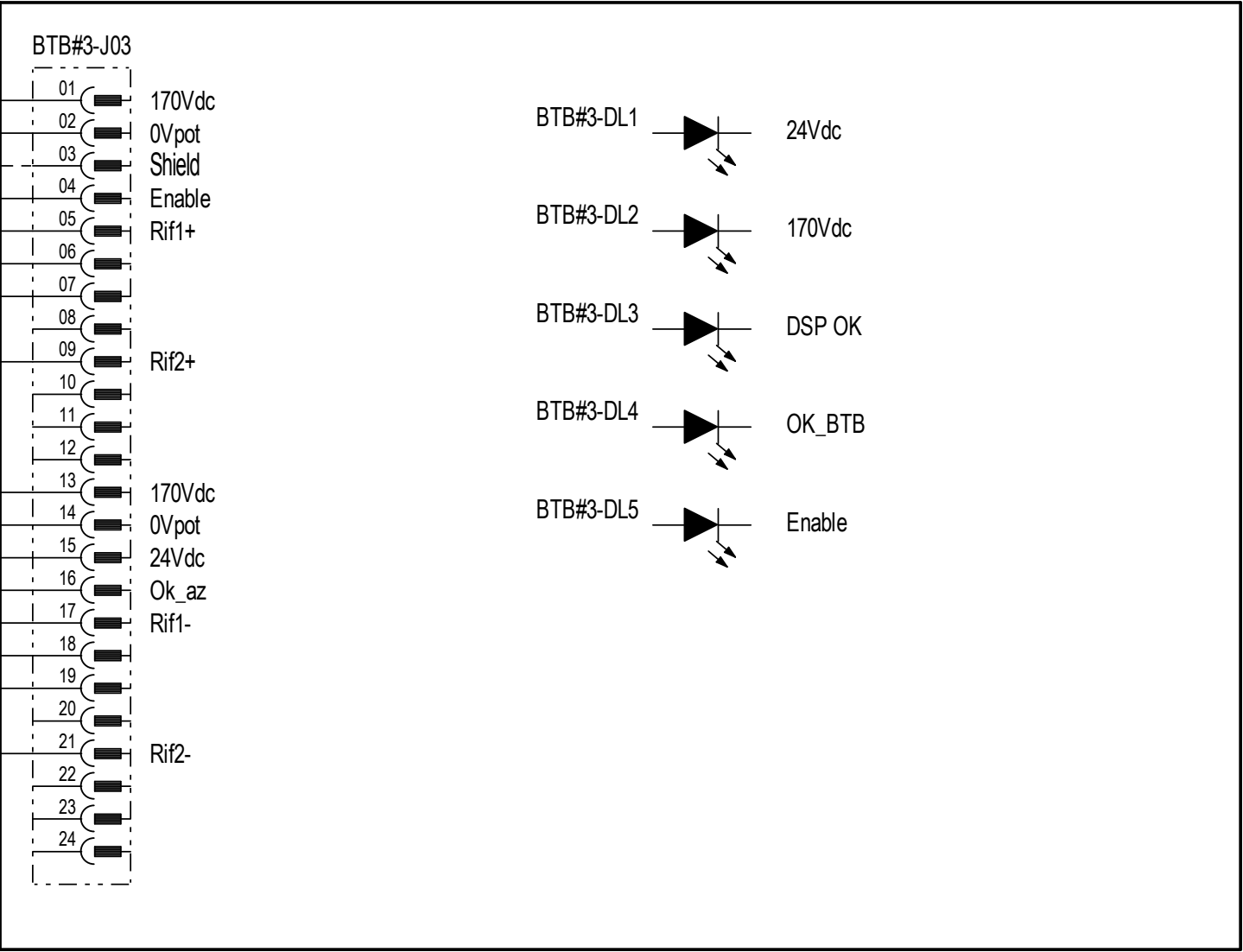


Diagram valid for looms
with central leno device and/or central selvedge binding

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

BTB#3

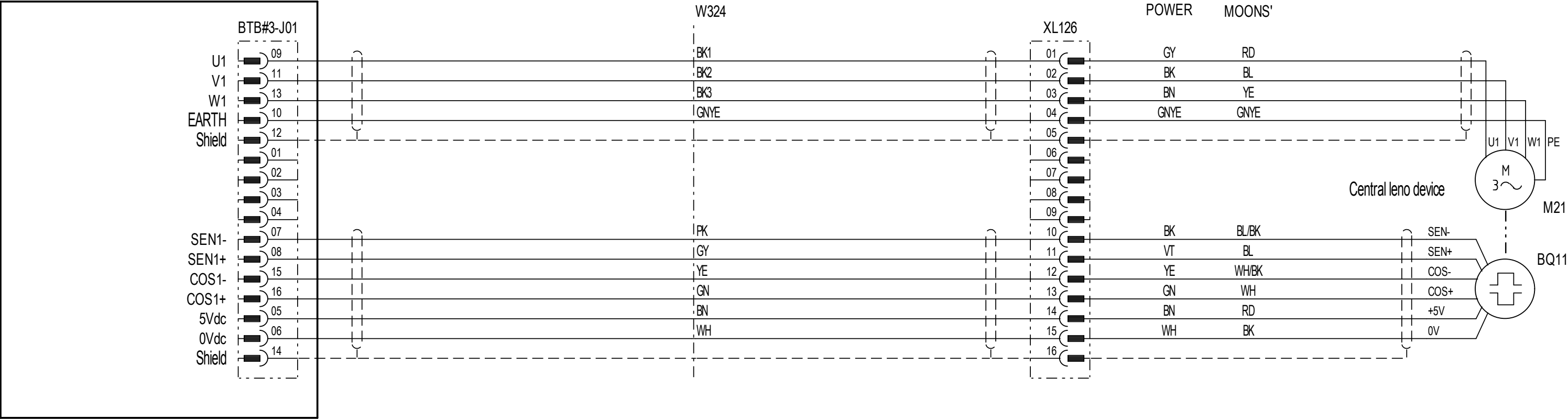


Diagram valid for looms
with central lino device

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

BTB#3

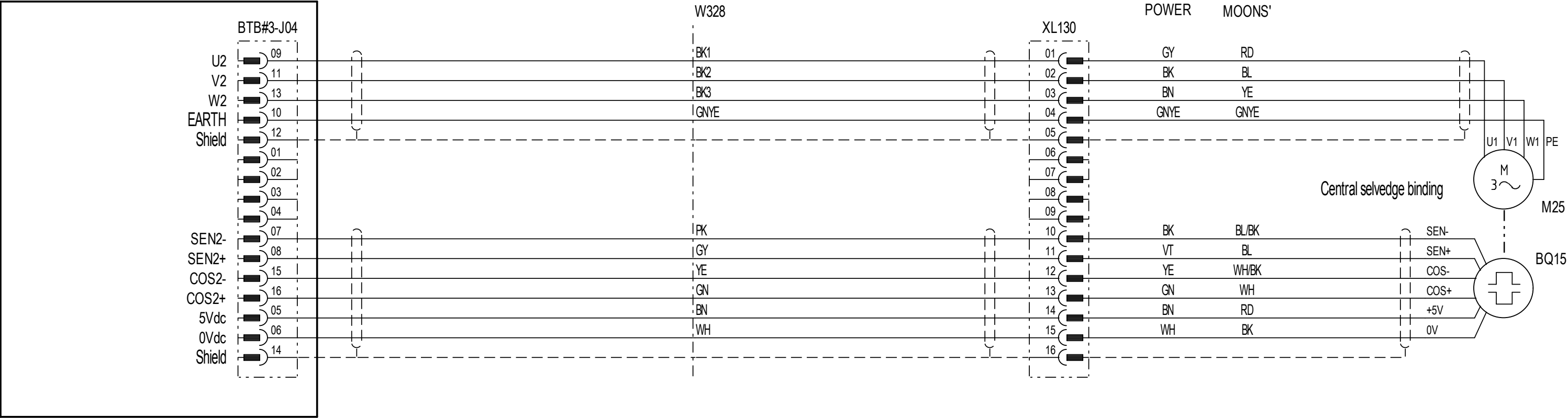


Diagram valid for looms
with central selvedge binding

Loom:	A9500 A9500-2	Drw.:	Riccardi Gianluca
Date:	01/07/2020	Approval:	Pezzoni Dario

Table description:	CENTRAL SELVEDGE BINDING
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Code:	120714054.7	Total:	168
		Last:	509

SJB

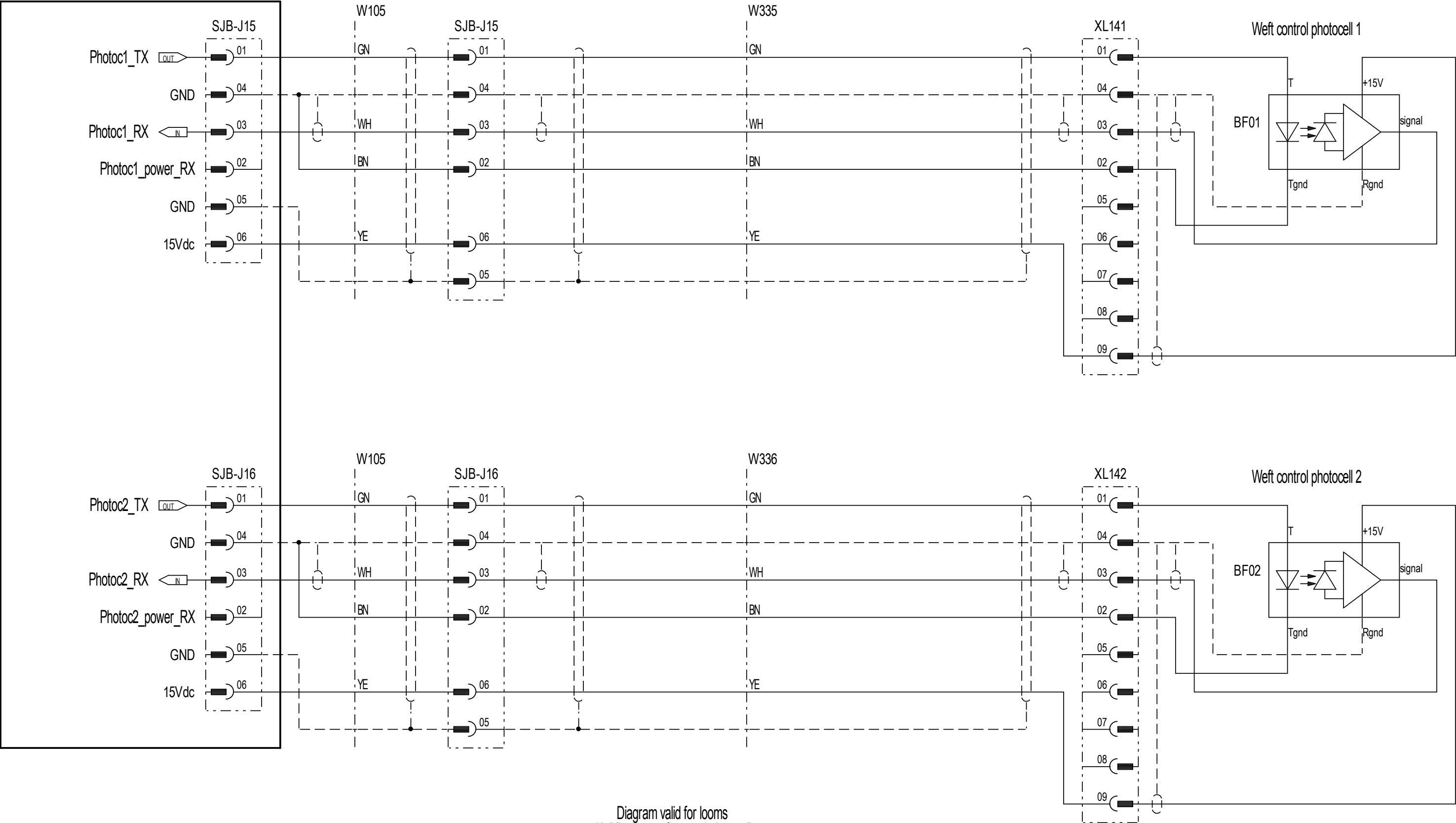


Diagram valid for looms
with Microtex weft control photocells

SJB

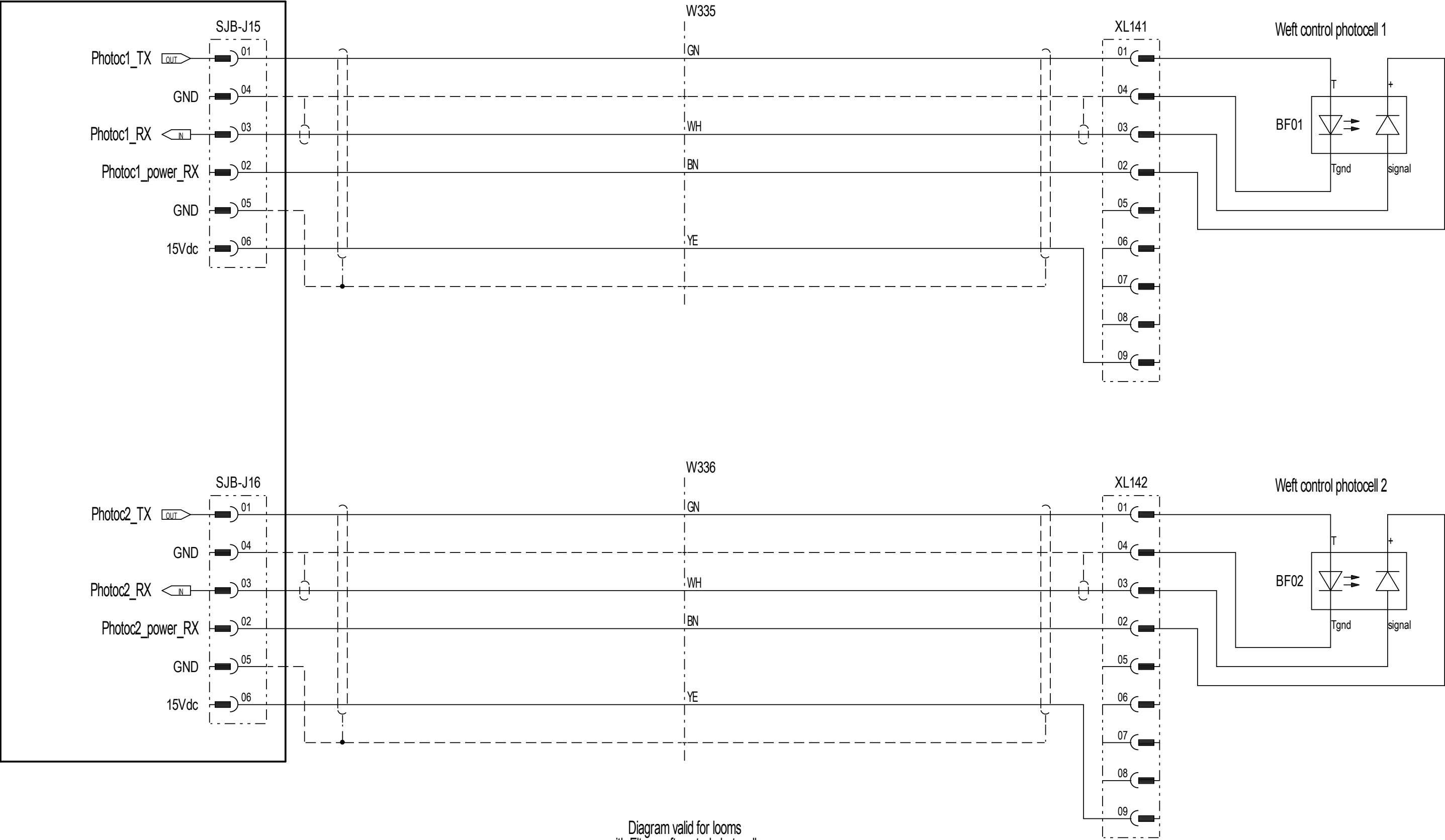


Diagram valid for looms
with Eltex weft control photocells

SJB

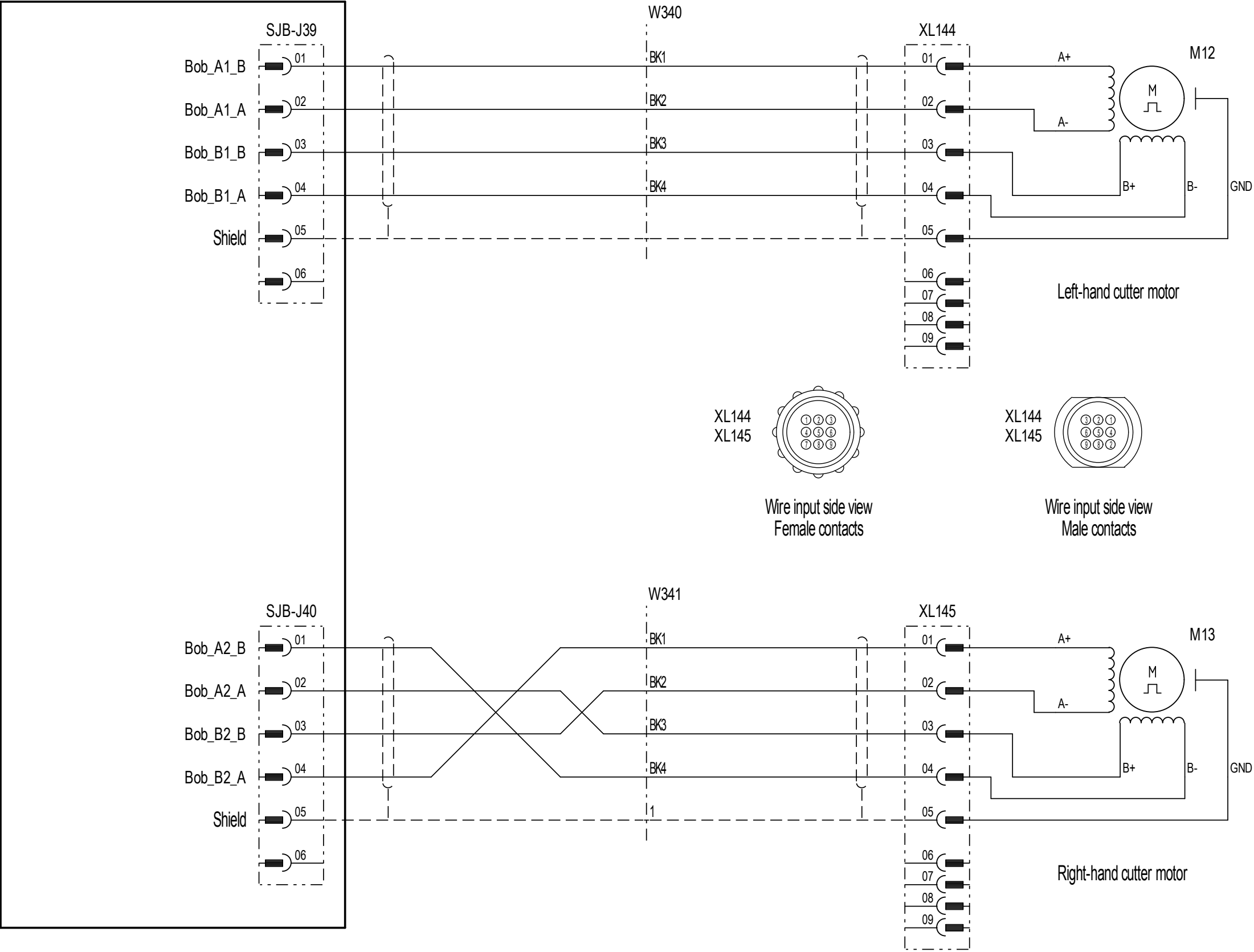


Diagram valid for looms
with pneumatic tuck-in device
(right cutter is synchronous)

OJB

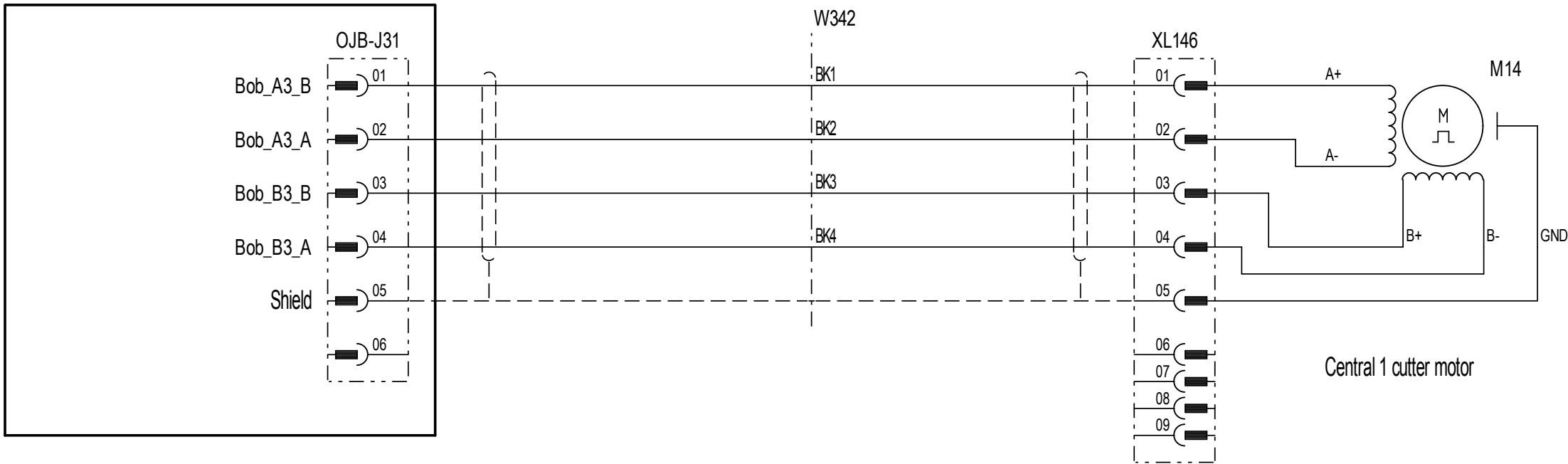
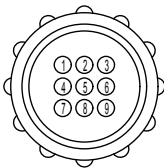


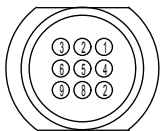
Diagram valid for looms
with standard pneumatic tuck-in device
(right and central cutters are synchronous)

XL146



Wire input side view
Female contacts

XL146



Wire input side view
Male contacts

OJB

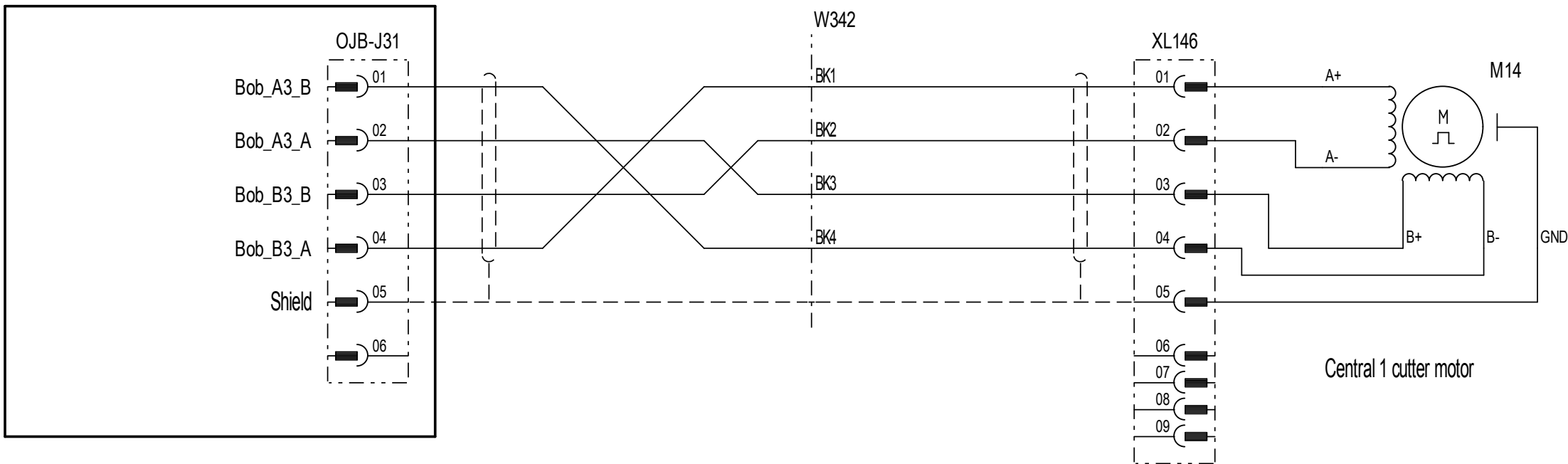
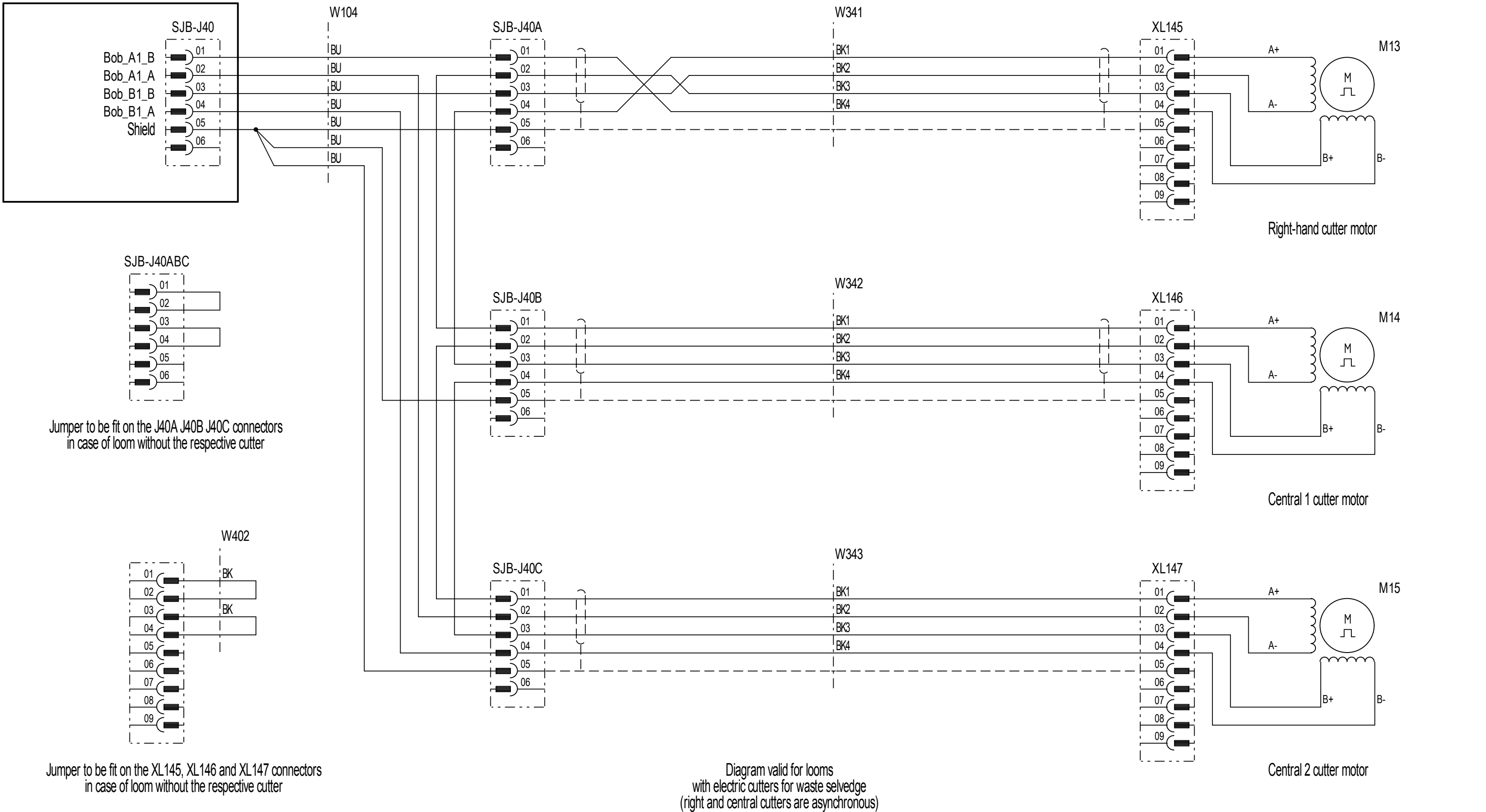
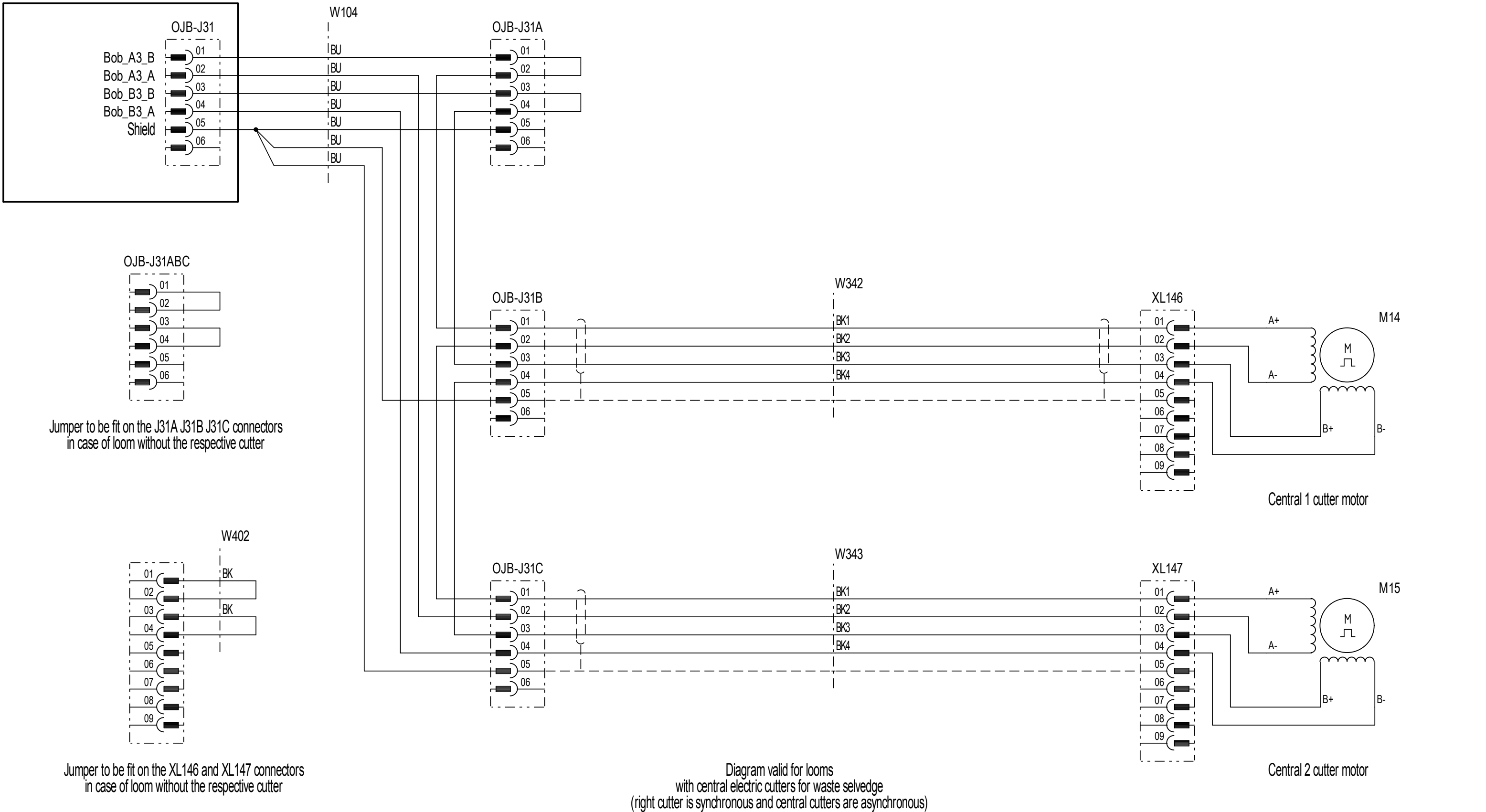


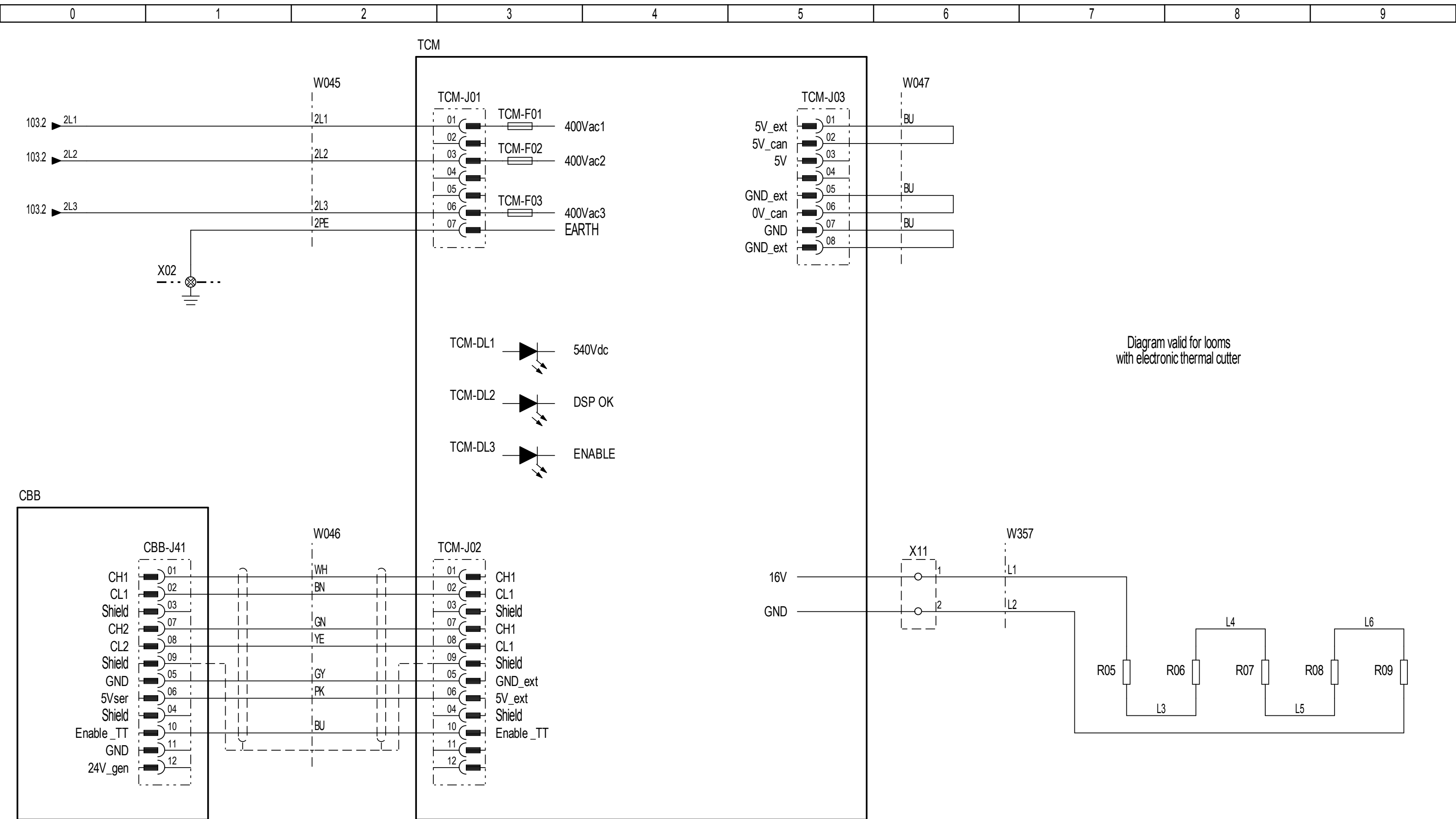
Diagram valid for looms
with rocking pneumatic tuck-in device
(right and central cutters are synchronous)

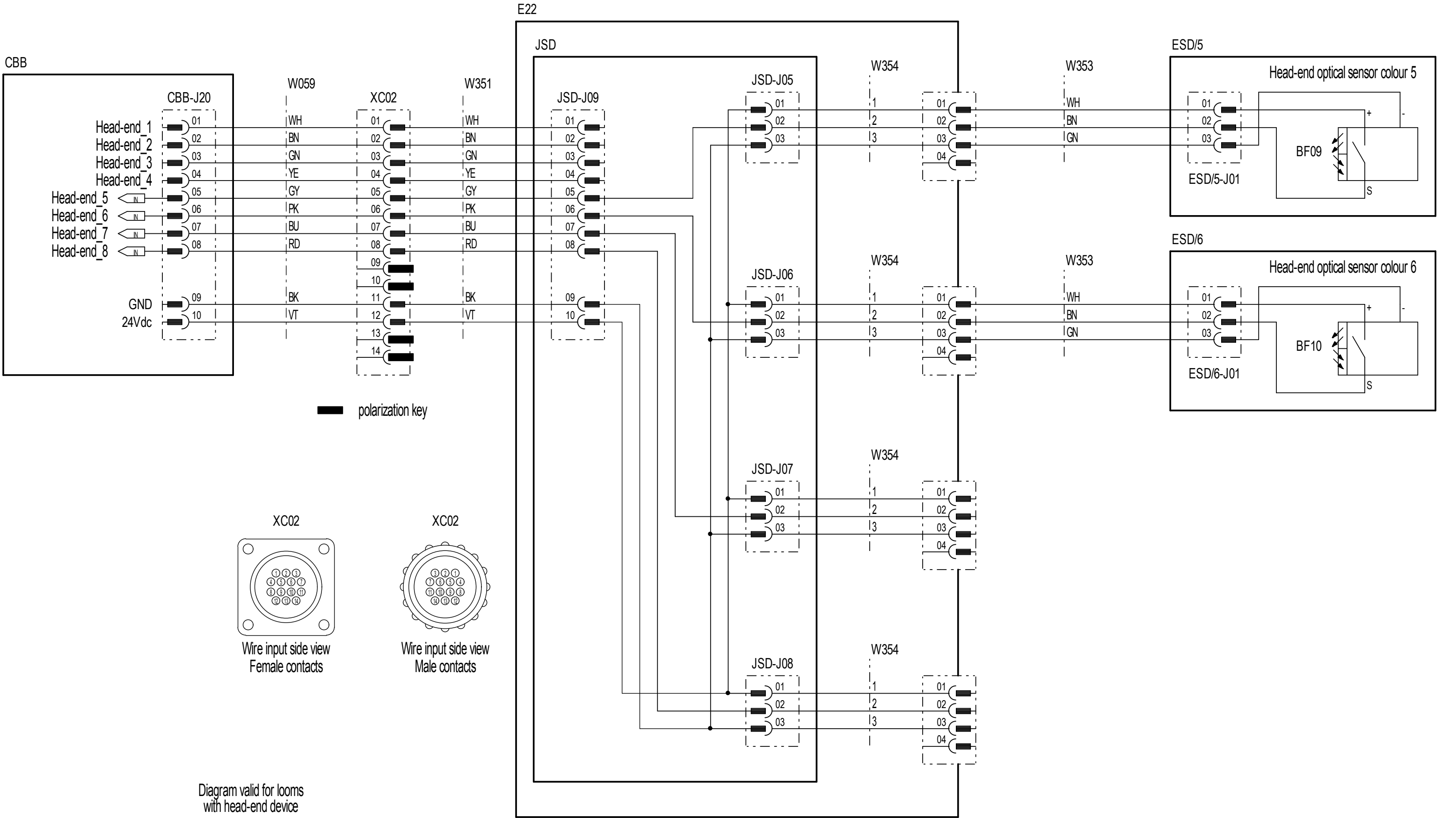
SJB

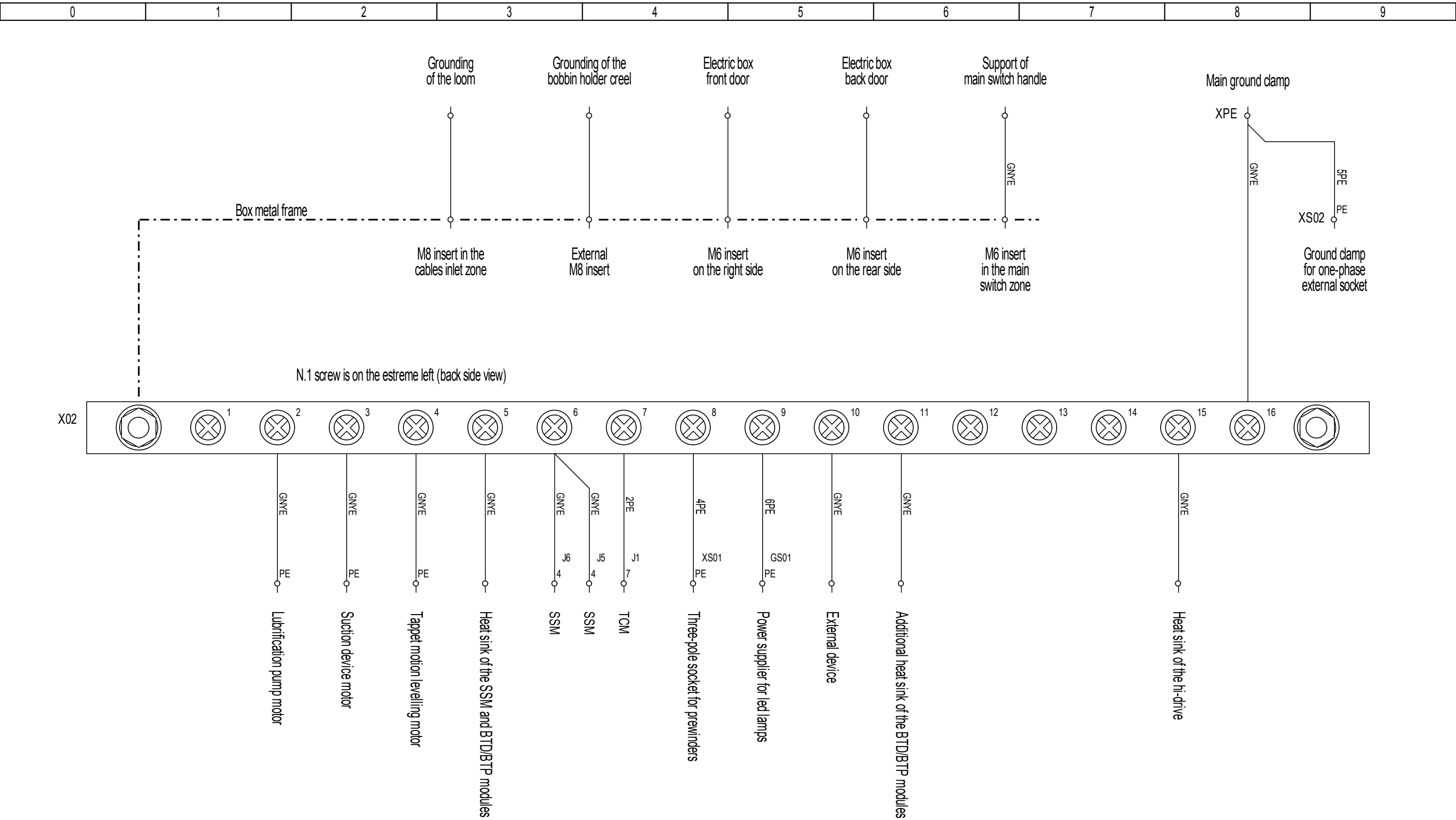


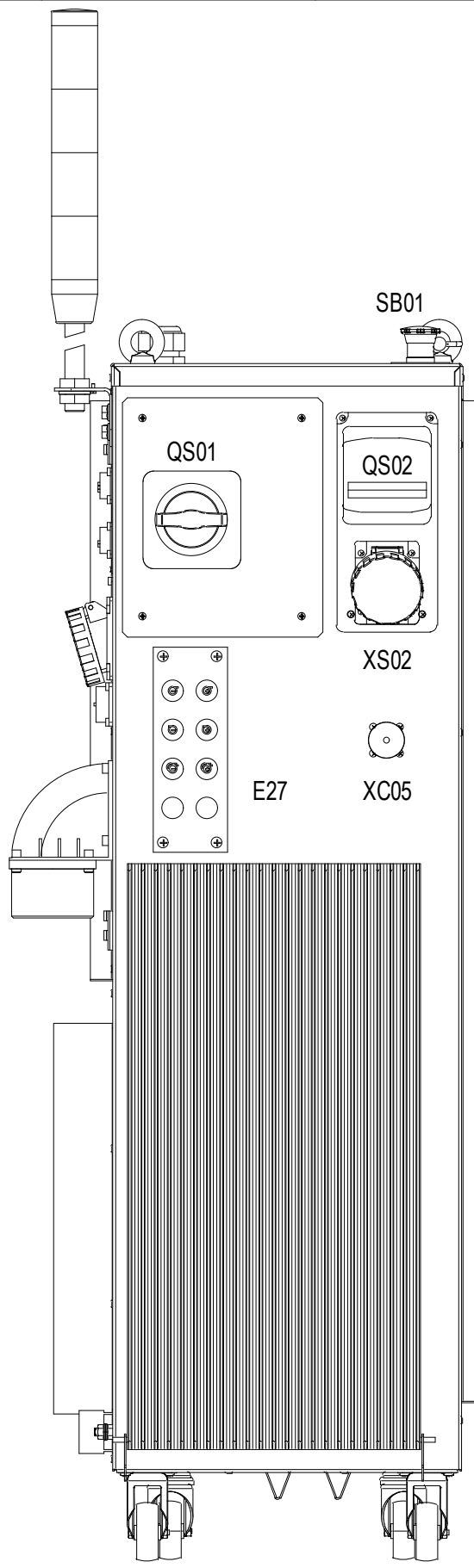
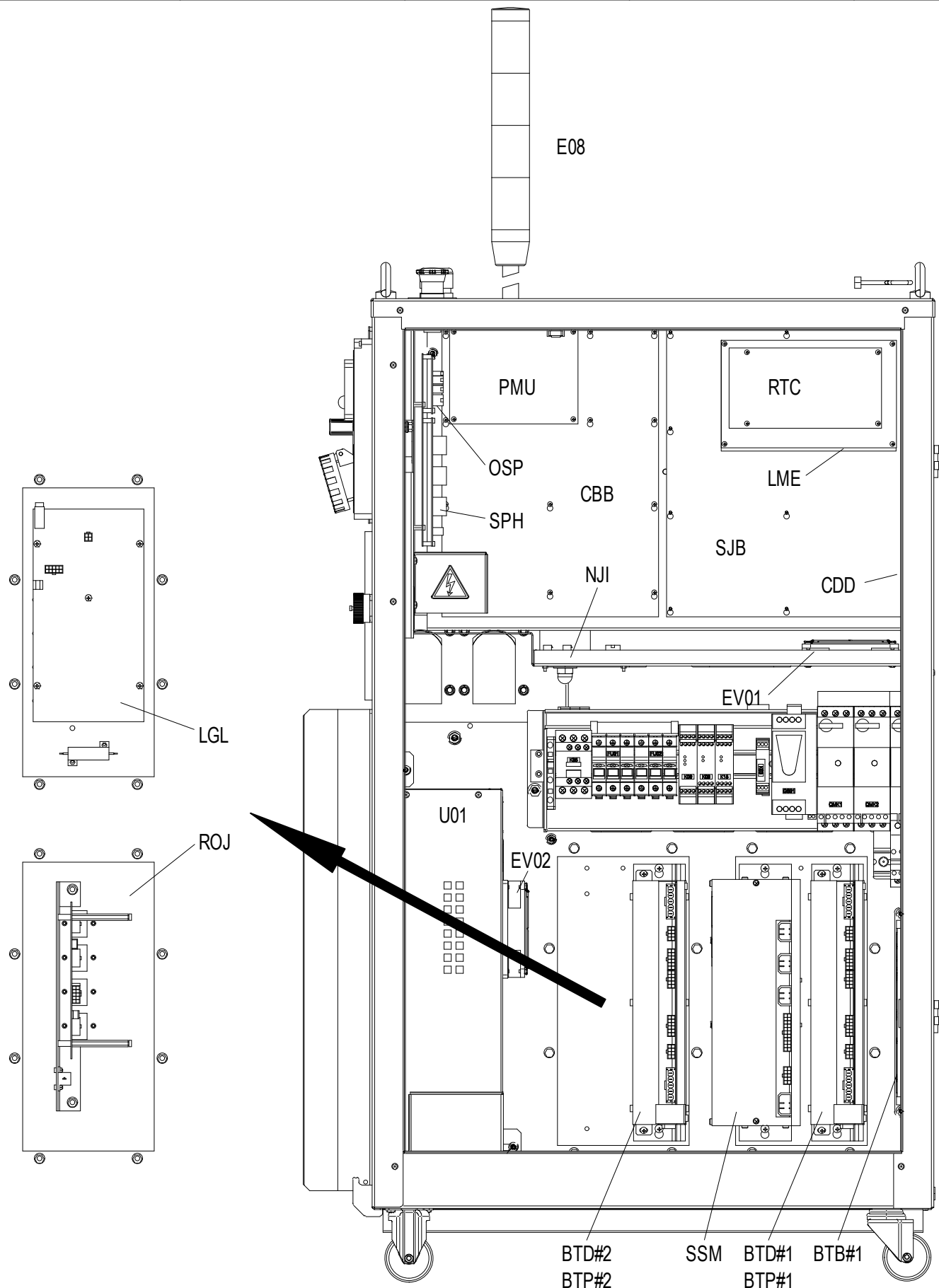
OJB



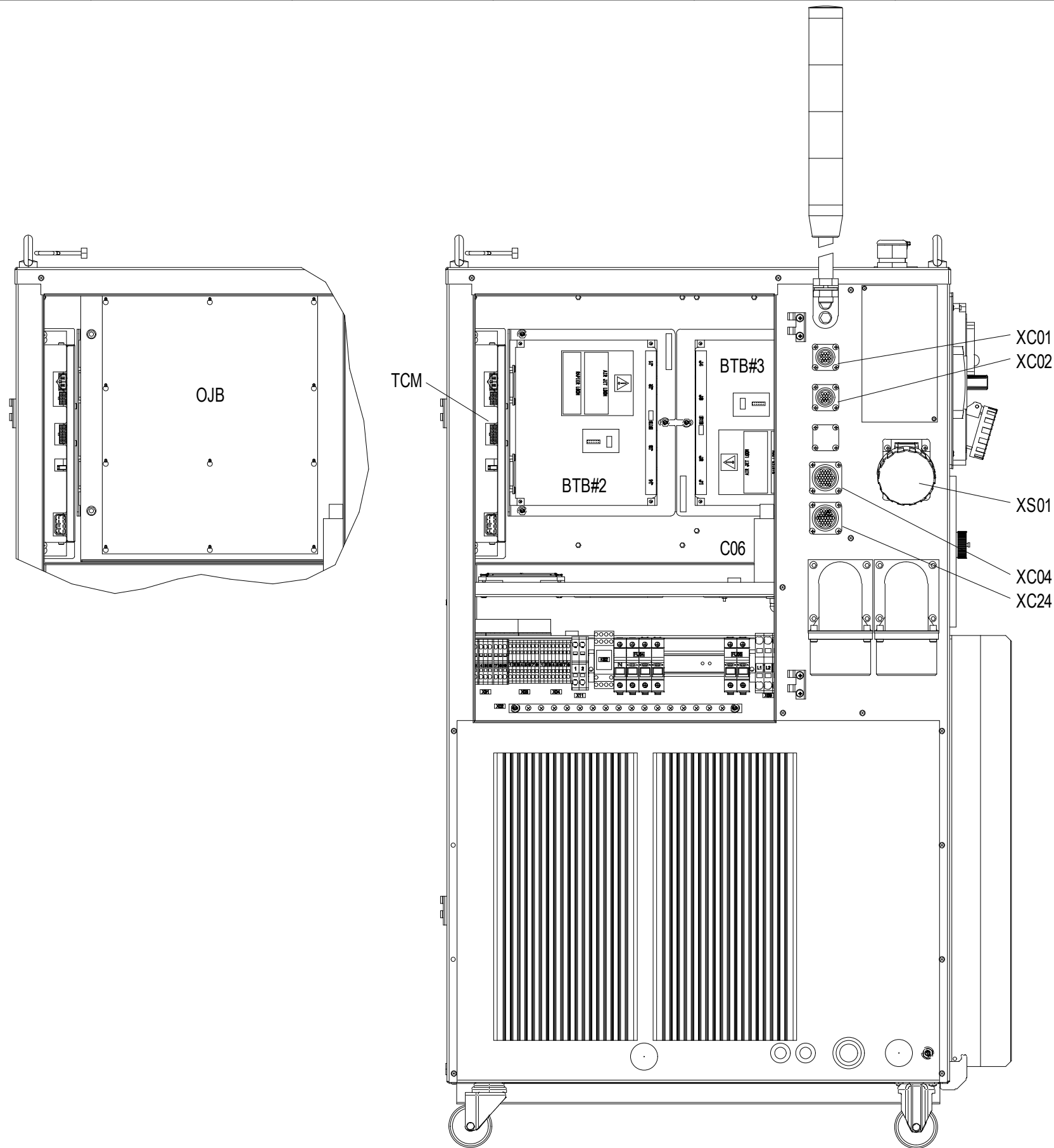




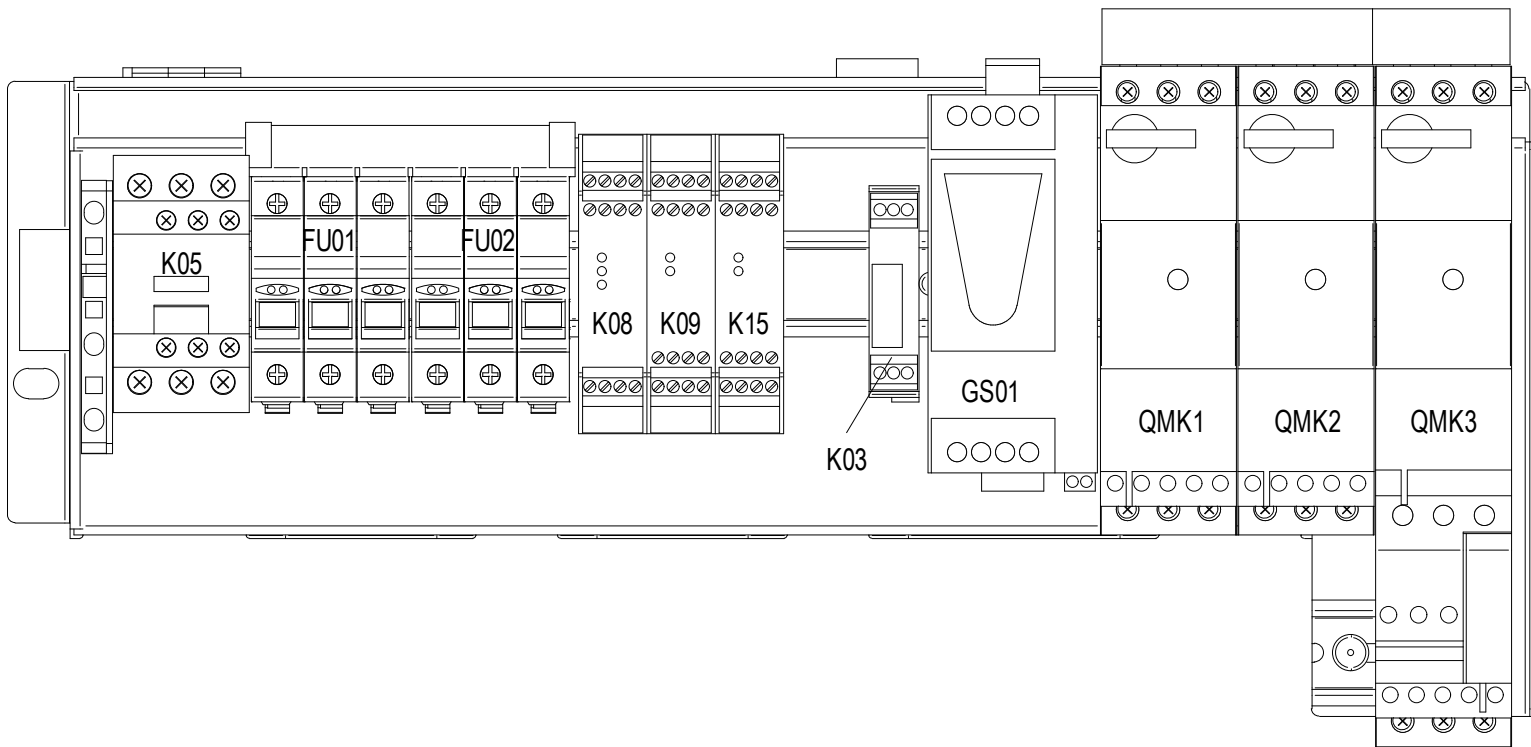




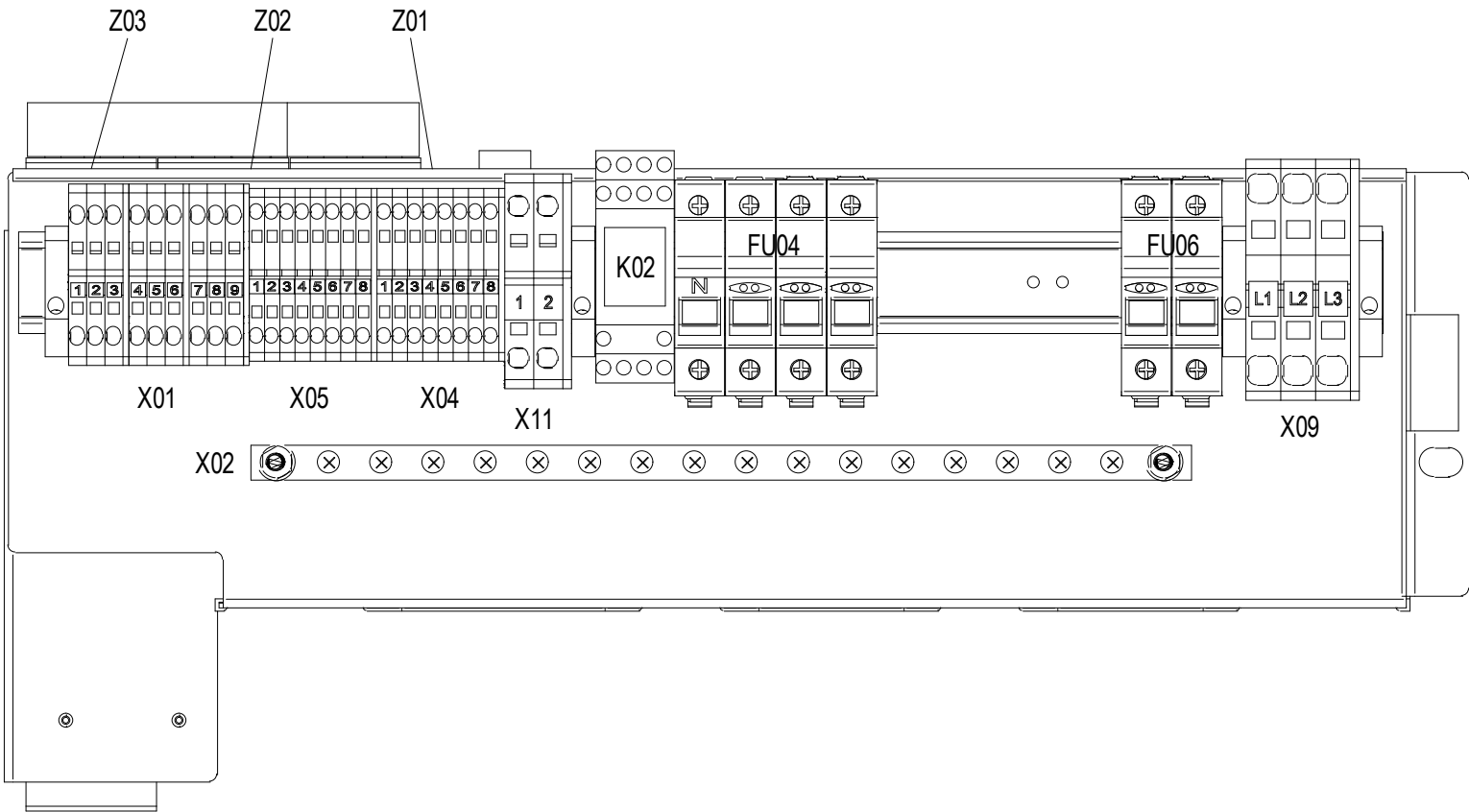
- BTB#1 Drive for left-hand and right-hand leno device brushless motors
- BTD#1 Drive for take-up roller and let-off 1 standard brushless motors
- BTD#2 Drive for let-off 2 standard brushless motors
- BTP#1 Drive for take-up roller and let-off 1 high-powered brushless motors
- BTP#2 Drive for let-off 2 high-powered brushless motors
- CBB Common base board
- CDD Control board for dobbie
- E08 4 colours signalling lamp
- E27 EWC-ETD movement pushbutton
- EV01 Logic boards cooling fan
- EV02 Hi-Drive cooling fan
- LGL LGL prewinders board
- LME Expansion board for linear motors (FAR motor)
- NJI Board for jacquardette interface
- OSP Overspeed protection board
- PMU Microcontroller board
- QS01 Mains circuit-breaker
- QS02 Residual current circuit-breaker for 230V one-phase socket
- ROJ ROJ prewinders board
- RTC RTC board
- SB01 Emergency pushbutton on the electric box
- SJB Air jet standard board
- SPH Safety light curtain board
- SSM Power supply module
- U01 Hi-Drive
- XC05 Connector for test device (fast-bus)
- XS02 230V one-phase socket



- BTB#2 Drive for left-hand and right-hand selvedge binding brushless motors
- BTB#3 Drive for central selvedge binding brushless motors
- C06 24Vdc maintenance capacitor
- OJB Air jet optional board
- TCM Thermal cutter module
- XC01 Connector for 4 colours signalling lamp on the box
- XC02 Connector for head-end sensors
- XC04 Connector for prefeeders power supplies and can-bus
- XC24 Connector for jacquard/jacquardette
- XS01 Three-pole socket for prewinders power supply



- FU01 Three-poles fuse holder for power supply Hi-Drive
- FU02 Three-poles fuse holder for rewinders
- FU04 Four-poles fuse holder for external device
- FU06 Two-poles fuse holder for led lamps power supply
- GS01 Two-phase power supplier for led lamps
- K02 Relay for loom running signalling
- K03 Relay for right-hand lamp control for reed zone lighting
- K05 Contactor for cutting of the main motor phases
- K08 Safety module for light curtains
- K09 Safety rele for single-ray sensors
- K15 Safety relay for jacquard emergency
- QMK1 Three-pole circuit-breaker and contactor for lubrification pump motor
- QMK2 Three-pole circuit-breaker and contactor for suction device motor
- QMK3 Three-pole circuit-breaker and contactor for tappet motion levelling motor
- X01 Terminal board for motors connection
- X02 Connection bar of ground conductors
- X04 Terminal board for external device signals connection
- X05 Terminal board for connection with host computer (monodirectional)
- X09 Terminal board for connection of the autotransformer
- X11 Terminal board for thermal cutter blades
- Z01 Three-phase noise filter for lubrification pump motor
- Z02 Three-phase noise filter for suction device motor
- Z03 Three-phase noise filter for tappet motion levelling motor



Abbreviation	Description	Page	Column
BF01	Weft control photocell 1	205	8
BF01	Weft control photocell 1	206	8
BF02	Weft control photocell 2	205	8
BF02	Weft control photocell 2	206	8
BF03	Safety light curtain transmitter	132	9
BF03	Safety light curtain transmitter	133	8
BF03	Safety light curtain transmitter	134	8
BF04	Safety light curtain receiver	132	9
BF04	Safety light curtain receiver	133	8
BF04	Safety light curtain receiver	134	8
BF05	Head-end optical sensor colour 1	212	9
BF06	Head-end optical sensor colour 2	212	9
BF07	Head-end optical sensor colour 3	212	9
BF08	Head-end optical sensor colour 4	212	9
BF09	Head-end optical sensor colour 5	213	9
BF10	Head-end optical sensor colour 6	213	9
BP01	EWC1 load cell	152	8
BP02	Twin beam EWC2 load cell	152	8
BP03	Upper beam EWC load cell	153	8
BP05	PPC colour 1 pressure sensor	175	7
BP06	PPC colour 2 pressure sensor	175	7
BP07	PPC colour 3 pressure sensor	175	7
BP08	PPC colour 4 pressure sensor	175	7
BP09	PPC colour 5 pressure sensor	176	7
BP10	PPC colour 6 pressure sensor	176	7
BP13	PPC auxiliary nozzles pressure sensor	175	7
BP14	Pneumatic system pressure sensor	165	7
BQ01	Hi-Drive motor resolver	104	8
BQ01	Hi-Drive motor resolver	105	8
BQ02	ETD encoder	142	9
BQ02	ETD encoder	148	9
BQ03	EWC1 encoder	143	9
BQ03	EWC1 encoder	149	9
BQ04	Twin / double beam EWC2 encoder	144	9
BQ04	Twin / double beam EWC2 encoder	150	9

Abbreviation	Description	Page	Column
BQ05	Upper beam EWC encoder	145	9
BQ05	Upper beam EWC encoder	151	9
BQ10	Left-hand leno device encoder	198	8
BQ11	Central leno device encoder	203	8
BQ13	Right-hand leno device encoder	198	8
BQ14	Left-hand selvedge binding encoder	201	8
BQ15	Central selvedge binding encoder	204	8
BQ17	Right-hand selvedge binding encoder	201	8
BTB#1	Drive for left-hand and right-hand leno device brushless motors	197	5
BTB#1	Drive for left-hand and right-hand leno device brushless motors	198	0
BTB#1-DL1	Green led / 24Vdc	197	7
BTB#1-DL2	Green led / 170Vdc	197	7
BTB#1-DL3	Blue led / DSP ok	197	7
BTB#1-DL4	Red led / drive ok	197	7
BTB#1-DL5	Yellow led / enabling	197	7
BTB#1-J01	Connector for left-hand leno device brushless motor	198	1
BTB#1-J03	Connector for power supplies and signals	197	5
BTB#1-J04	Connector for right-hand leno device brushless motor	198	1
BTB#2	Drive for left-hand and right-hand selvedge binding brushless motors	200	5
BTB#2	Drive for left-hand and right-hand selvedge binding brushless motors	201	0
BTB#2-DL1	Green led / 24Vdc	200	7
BTB#2-DL2	Green led / 170Vdc	200	7
BTB#2-DL3	Blue led / DSP ok	200	7
BTB#2-DL4	Red led / drive ok	200	7
BTB#2-DL5	Yellow led / enabling	200	7
BTB#2-J01	Connector for left-hand selvedge binding brushless motor	201	1
BTB#2-J03	Connector for power supplies and signals	200	5
BTB#2-J04	Connector for right-hand selvedge binding brushless motor	201	1
BTB#3	Drive for central-left and central-right selvedge binding brushless motors	202	5
BTB#3	Drive for central leno device brushless motors	203	0
BTB#3	Drive for central selvedge binding brushless motors	204	0
BTB#3-DL1	Green led / 24Vdc	202	7
BTB#3-DL2	Green led / 170Vdc	202	7
BTB#3-DL3	Blue led / DSP ok	202	7
BTB#3-DL4	Red led / drive ok	202	7

Abbreviation	Description	Page	Column
BTB#3-DL5	Yellow led / enabling	202	7
BTB#3-J01	Connector for central leno device brushless motor	203	1
BTB#3-J03	Connector for power supplies and signals	202	5
BTB#3-J04	Connector for central selvedge binding brushless motor	204	1
BTD#1	Drive for ETD/EWC1 standard brushless motors	116	6
BTD#1	Drive for ETD/EWC1 standard brushless motors	140	5
BTD#1	Drive for ETD/EWC1 standard brushless motors	142	0
BTD#1	Drive for ETD/EWC1 standard brushless motors	143	0
BTD#1-DL01	Green led / power supply ok	140	8
BTD#1-DL02	Blue led / DSP ok	140	8
BTD#1-DL03	Red led / ETD ok	140	8
BTD#1-DL04	Red led / EWC1 ok	140	8
BTD#1-DL05	Red led / ETD I²T limitation	140	8
BTD#1-DL06	Red led / EWC1 I²T limitation	140	8
BTD#1-DL07	Red led / I _{max} signal	140	8
BTD#1-DL08	Red led / overheating signal	140	8
BTD#1-DL09	Yellow led / ETD Hall sensor 1	140	8
BTD#1-DL10	Yellow led / ETD Hall sensor 2	140	8
BTD#1-DL11	Yellow led / ETD Hall sensor 3	140	8
BTD#1-DL12	Yellow led / EWC1 Hall sensor 1	140	8
BTD#1-DL13	Yellow led / EWC1 Hall sensor 2	140	8
BTD#1-DL14	Yellow led / EWC1 Hall sensor 3	140	8
BTD#1-DL15	Yellow led / ETD enabling	140	8
BTD#1-DL16	Yellow led / EWC1 enabling	140	8
BTD#1-J01	Connector for ETD brushless motor	142	1
BTD#1-J02	Connector for ETD Hall sensors	142	1
BTD#1-J03	Connector for ETD signals and references	140	5
BTD#1-J04	Connector for ETD + EWC1 power supply	116	7
BTD#1-J06	Connector for EWC1 signals and references	140	5
BTD#1-J07	Connector for EWC1 Hall sensors	143	1
BTD#1-J08	Connector for EWC1 brushless motor	143	1
BTD#2	Drive for EWC2 standard brushless motors	116	6
BTD#2	Drive for EWC2 standard brushless motors	141	5
BTD#2	Drive for EWC2 standard brushless motors	144	0
BTD#2	Drive for EWC2 standard brushless motors	145	0

Abbreviation	Description	Page	Column
BTD#2-DL01	Green led / power supply ok	141	8
BTD#2-DL02	Blue led / DSP ok	141	8
BTD#2-DL03	Red led / EWC2 ok	141	8
BTD#2-DL05	Red led / EWC2 I²T limitation	141	8
BTD#2-DL07	Red led / I _{max} signal	141	8
BTD#2-DL08	Red led / overheating signal	141	8
BTD#2-DL09	Yellow led / EWC2 Hall sensor 1	141	8
BTD#2-DL10	Yellow led / EWC2 Hall sensor 2	141	8
BTD#2-DL11	Yellow led / EWC2 Hall sensor 3	141	8
BTD#2-DL15	Yellow led / EWC2 enabling	141	8
BTD#2-J01	Connector for EWC2 brushless motor	144	1
BTD#2-J01	Connector for EWC2 brushless motor	145	1
BTD#2-J02	Connector for EWC2 Hall sensors	144	1
BTD#2-J02	Connector for EWC2 Hall sensors	145	1
BTD#2-J03	Connector for EWC2 signals and references	141	5
BTD#2-J04	Connector for EWC2 power supply	116	7
BTP#1	Drive for ETD/EWC1 high-powered brushless motors	117	2
BTP#1	Drive for ETD/EWC1 high-powered brushless motors	146	5
BTP#1	Drive for ETD/EWC1 high-powered brushless motors	148	0
BTP#1	Drive for ETD/EWC1 high-powered brushless motors	149	0
BTP#1-DL01	Green led / power supply ok	146	8
BTP#1-DL02	Blue led / DSP ok	146	8
BTP#1-DL03	Yellow led / ETD Hall sensor 1	146	8
BTP#1-DL04	Yellow led / ETD Hall sensor 2	146	8
BTP#1-DL05	Yellow led / ETD Hall sensor 3	146	8
BTP#1-DL06	Yellow led / EWC1 Hall sensor 1	146	8
BTP#1-DL07	Yellow led / EWC1 Hall sensor 2	146	8
BTP#1-DL08	Yellow led / EWC1 Hall sensor 3	146	8
BTP#1-DL09	Red led / ETD ok	146	8
BTP#1-DL10	Red led / EWC1 ok	146	8
BTP#1-DL11	Red led / ETD I²T limitation	146	8
BTP#1-DL12	Red led / EWC1 I²T limitation	146	8
BTP#1-DL13	Red led / I _{max} signal	146	8
BTP#1-DL14	Red led / overheating signal	146	8
BTP#1-DL15	Yellow led / ETD enabling	146	8

Abbreviation	Description	Page	Column
BTP#1-DL16	Yellow led / EWC1 enabling	146	8
BTP#1-J01	Connector for ETD brushless motor	148	1
BTP#1-J02	Connector for ETD Hall sensors	148	1
BTP#1-J03	Connector for ETD signals and references	146	5
BTP#1-J04	Connector for power supply	117	2
BTP#1-J05	Connector for power supply	117	3
BTP#1-J06	Connector for EWC1 signals and references	146	5
BTP#1-J07	Connector for EWC1 Hall sensors	149	1
BTP#1-J08	Connector for EWC1 brushless motor	149	1
BTP#1-J09	Connector for can-bus	146	5
BTP#2	Drive for EWC2/EWC3 high-powered brushless motors	117	5
BTP#2	Drive for EWC2/EWC3 high-powered brushless motors	147	5
BTP#2	Drive for EWC2/EWC3 high-powered brushless motors	150	0
BTP#2	Drive for EWC2/EWC3 high-powered brushless motors	151	0
BTP#2-DL01	Green led / power supply ok	147	8
BTP#2-DL02	Blue led / DSP ok	147	8
BTP#2-DL03	Yellow led / EWC2 Hall sensor 1	147	8
BTP#2-DL04	Yellow led / EWC2 Hall sensor 2	147	8
BTP#2-DL05	Yellow led / EWC2 Hall sensor 3	147	8
BTP#2-DL09	Red led / EWC2 ok	147	8
BTP#2-DL11	Red led / EWC2 I²T limitation	147	8
BTP#2-DL13	Red led / Imax signal	147	8
BTP#2-DL14	Red led / overheating signal	147	8
BTP#2-DL15	Yellow led / EWC2 enabling	147	8
BTP#2-J01	Connector for EWC2 brushless motor	150	1
BTP#2-J01	Connector for EWC2 brushless motor	151	1
BTP#2-J02	Connector for EWC2 Hall sensors	150	1
BTP#2-J02	Connector for EWC2 Hall sensors	151	1
BTP#2-J03	Connector for EWC2 signals and references	147	5
BTP#2-J04	Connector for power supply	117	5
BTP#2-J05	Connector for power supply	117	6
BTP#2-J09	Connector for can-bus	147	5
C06	24Vdc maintenance capacitor	121	3
CBB	Common base board (control of the over-under voltage)	101	5
CBB	Common base board (Hi-Drive motor contactor)	104	0

Abbreviation	Description	Page	Column
CBB	Common base board (Hi-Drive motor contactor)	105	0
CBB	Common base board (loom running signalling)	106	0
CBB	Common base board (signals and Hi-Drive can-bus line)	107	0
CBB	Common base board (Hi-Drive signals)	108	0
CBB	Common base board (lubrification pump motor)	109	7
CBB	Common base board (suction device motor)	110	5
CBB	Common base board (loom running signalling)	112	0
CBB	Common base board (lamp for reed zone lighting)	113	0
CBB	Common base board (fans)	115	0
CBB	Common base board (SSM can-bus line)	118	0
CBB	Common base board (power supplies)	119	6
CBB	Common base board (power supplies)	121	0
CBB	Common base board (safety device limit switch and emergencies)	122	0
CBB	Common base board (safety device limit switch and emergencies)	123	0
CBB	Common base board (safety device limit switch and emergencies)	124	0
CBB	Common base board (loom pushbuttons)	125	0
CBB	Common base board (EWC-ETD movement pushbuttons)	130	0
CBB	Common base board (safety light curtains)	131	0
CBB	Common base board (signalling lamp)	135	0
CBB	Common base board (tappet motion oil temperature)	139	0
CBB	Common base board (ETD + EWC1 signals and references)	140	0
CBB	Common base board (ETD encoder)	142	0
CBB	Common base board (EWC1 encoder)	143	0
CBB	Common base board (ETD + EWC1 signals and references)	146	0
CBB	Common base board (ETD encoder)	148	0
CBB	Common base board (EWC1 encoder)	149	0
CBB	Common base board (EWC1 load cell)	152	0
CBB	Common base board (fast-bus line)	154	0
CBB	Common base board (stroboscope fast-bus line)	155	0
CBB	Common base board (console interface)	156	0
CBB	Common base board (can-bus line)	157	0
CBB	Common base board (monodirectional)	158	0
CBB	Common base board (bidirectional)	159	0
CBB	Common base board (RTC can-bus line)	181	0
CBB	Common base board (lubrification system sensors)	182	0

Abbreviation	Description	Page	Column
CBB	Common base board (warp stop motion)	183	0
CBB	Common base board (warp stop motion)	184	0
CBB	Common base board (prewinders can-bus line)	185	0
CBB	Common base board (prewinders can-bus line)	186	0
CBB	Common base board (prewinders can-bus line)	187	0
CBB	Common base board (dobby fast-bus line)	188	0
CBB	Common base board (dobby oil temperature)	191	1
CBB	Common base board (jacquard/jacquardette can-bus line)	194	0
CBB	Common base board (jacquard/jacquardette can-bus line)	195	0
CBB	Common base board (signals and Hi-Drive can-bus line)	196	0
CBB	Common base board (thermal cutter can-bus line)	211	0
CBB	Common base board (head-end sensors colours 1-4)	212	0
CBB	Common base board (head-end sensors colours 5-8)	213	0
CBB-DL01	Green led / 24Vdc	119	8
CBB-DL02	Blue led / DSP ok	119	8
CBB-F1	24Vdc fuse	119	8
CBB-F2	Buffered 24Vdc fuse	119	8
CBB-J01	Connector for dobbie fast-bus line	188	1
CBB-J02	Connector for fast-bus line	154	1
CBB-J03	Connector for fast-bus line	154	1
CBB-J09	Connector for stroboscope fast-bus line	155	1
CBB-J10	Connector for safety device limit switch	122	1
CBB-J10	Connector for safety device limit switch	122	2
CBB-J10	Connector for safety device limit switch	123	1
CBB-J10	Connector for safety device limit switch	123	2
CBB-J10	Connector for safety device limit switch	124	1
CBB-J10	Connector for safety device limit switch	124	2
CBB-J11	Connector for switchboard emergencies and external devices	122	1
CBB-J11	Connector for switchboard emergencies and external devices	123	1
CBB-J11	Connector for switchboard emergencies and external devices	124	1
CBB-J12	Connector for safety light curtain board	131	2
CBB-J12	Connector for safety light curtain board	131	6
CBB-J12	Connector for safety light curtain board	132	0
CBB-J12	Connector for safety light curtain board	133	0
CBB-J12	Connector for safety light curtain board	134	0

Abbreviation	Description	Page	Column
CBB-J13	Connector for 4 colours signalling lamp	135	1
CBB-J14	Connector for loom pushbuttons	125	1
CBB-J14	Connector for loom pushbuttons	128	1
CBB-J16	Connector for bus power supplies	119	6
CBB-J17	Connector for 5V/15V power supplies	121	1
CBB-J20	Connector for head-end sensors colours 1-8	212	1
CBB-J20	Connector for head-end sensors colours 1-8	213	1
CBB-J23	Connector for bidirectional serial	159	1
CBB-J26	Connector for fan power supply	115	1
CBB-J27	Connector for fan power supply	115	1
CBB-J28	Connector for fan power supply	115	1
CBB-J29	Connector for braking start signal	108	1
CBB-J29	Connector for braking start signal	112	1
CBB-J29	Connector for braking start signal	112	3
CBB-J31	Connector for warp stop motion	183	1
CBB-J32	Connector for left-hand waste selvedge control	183	1
CBB-J33	Connector for central-left-hand waste selvedge control	183	1
CBB-J34	Connector for central-right-hand waste selvedge control	184	1
CBB-J35	Connector for right-hand waste selvedge control	184	1
CBB-J36	Connector for left-hand leno device control	183	1
CBB-J37	Connector for central-left-hand leno device control	183	1
CBB-J38	Connector for central-right-hand leno device control	184	1
CBB-J39	Connector for right-hand leno device control	184	1
CBB-J40	Connector for console can-bus	156	1
CBB-J41	Connector for thermal cutter can-bus	156	1
CBB-J41	Connector for thermal cutter can-bus	211	0
CBB-J42	Connector for rewinder can-bus	181	1
CBB-J42	Connector for rewinder can-bus	185	1
CBB-J42	Connector for rewinder can-bus	186	1
CBB-J42	Connector for rewinder can-bus	187	1
CBB-J44	Connector for jacquard/jacquardette can-bus	194	1
CBB-J44	Connector for jacquard/jacquardette can-bus	195	1
CBB-J45	Connector for Hi-Drive can-bus	107	2
CBB-J45	Connector for Hi-Drive can-bus	108	1
CBB-J46	Connector for SSM module can-bus	118	0

Abbreviation	Description	Page	Column
CBB-J48	Connector for general input/output	113	1
CBB-J48	Connector for general input/output	130	1
CBB-J49	Connector for general input/output	158	1
CBB-J49	Connector for general input/output	158	3
CBB-J49	Connector for general input/output	158	4
CBB-J50	Connector for general input/output	130	1
CBB-J50	Connector for general input/output	158	1
CBB-J51	Connector for general input/output	130	1
CBB-J51	Connector for general input/output	158	1
CBB-J52	Connector for general input/output	130	1
CBB-J52	Connector for general input/output	158	1
CBB-J53	Connector for loom running signal	106	1
CBB-J54	Connector for 24Vdc maintenance capacitor	121	1
CBB-J55	Connector for three-phase line	101	5
CBB-J56	Connector for analog input	139	1
CBB-J56	Connector for analog input	191	2
CBB-J59	Connector for Hi-Drive signals	107	2
CBB-J59	Connector for Hi-Drive signals	108	1
CBB-J59	Connector for Hi-Drive signals	196	1
CBB-J60	Connector for ETD encoder	142	1
CBB-J60	Connector for ETD encoder	148	1
CBB-J61	Connector for EWC1 encoder	143	1
CBB-J61	Connector for EWC1 encoder	149	1
CBB-J62	Connector for ETD signals and references	140	1
CBB-J62	Connector for ETD signals and references	146	1
CBB-J63	Connector for EWC1 signals and references	140	1
CBB-J63	Connector for EWC1 signals and references	146	1
CBB-J64	Connector for EWC1 load cell	152	1
CBB-J65	Connector for lubrication system minim pressure switch	182	1
CBB-J66	Connector for lubrication system maxim pressure switch	182	1
CBB-J67	Connector for lubrication pump motor control	109	7
CBB-J68	Connector for loom-cooler solenoid valve	182	1
CBB-J69	Connector for lubrication system oil temperature sensor	182	1
CBB-J70	Connector for lubrication pump motor thermal sensor	109	7
CBB-J71	Connector for suction device motor control	110	6

Abbreviation	Description	Page	Column
CBB-J73	Terminal board for safety light curtain preselection	131	2
CBB-J73	Terminal board for safety light curtain preselection	131	7
CBB-J73	Terminal board for safety light curtain preselection	131	8
CBB-J77	Connector for doobby board power supplies	188	1
CBB-J78	Connector for mode switch	131	2
CBB-J79	Connector for Hi-Drive motor contactor control	104	1
CBB-J79	Connector for Hi-Drive motor contactor control	105	1
CDD	Control board for doobby	188	7
CDD	Control board for doobby	189	0
CDD	Control board for doobby	190	0
CDD	Control board for doobby	191	0
CDD-DL1	Blue led / DSP ok	188	8
CDD-F1	60Vdc fuse	188	8
CDD-J01	Connector for doobby fast-bus line	188	7
CDD-J02	Connector for doobby control	189	1
CDD-J02	Connector for doobby control	190	1
CDD-J02	Connector for doobby control	191	1
CDD-J06	Connector for doobby board power supplies	188	7
E01	Console with touch-screen	156	7
E03	Host computer bidirectional system interface	159	7
E04	Host computer monodirectional system interface	158	7
E05	Multifunction instrument - stroboscope	155	7
E08	4 colours signalling lamp	135	6
E09-1	Drop wires warp stop motion	183	7
E13	Right-hand waste selvedge	184	6
E14	Left-hand leno device control	183	5
E17	Right-hand leno device control	184	5
E18-1	Staubli 2861-2871/e22 doobby	189	6
E18-3	Staubli 2881/e22 doobby	190	6
E18-6	Staubli 3220/3260/3060 doobby	191	6
E19-2	Staubli S1361 tappet motion	136	6
E19-3	Staubli T1661-T1681-T1761-T1781 tappet motion	137	6
E19-4	Staubli S1692 tappet motion	138	6
E19-5	Staubli S1792 tappet motion	139	6
E21	Prewinders electrical box	185	7

Abbreviation	Description	Page	Column
E22	Branch box for head-end sensors	212	3
E22	Branch box for head-end sensors	213	3
E26	Measuring device of the air flow	179	7
E26	Measuring device of the air flow	179	7
E27	EWC-ETD movement pushbutton	130	6
E28	External device	112	4
EL01	Left-hand lamp for reed zone lighting	113	7
EL02	Right-hand lamp for reed zone lighting	113	7
ESD/1	Board for head-end sensor colour 1	212	7
ESD/1-J01	Connector for head-end sensor colour 1	212	8
ESD/2	Board for head-end sensor colour 2	212	7
ESD/2-J01	Connector for head-end sensor colour 2	212	8
ESD/3	Board for head-end sensor colour 3	212	7
ESD/3-J01	Connector for head-end sensor colour 3	212	8
ESD/4	Board for head-end sensor colour 4	212	7
ESD/4-J01	Connector for head-end sensor colour 4	212	8
ESD/5	Board for head-end sensor colour 5	213	7
ESD/5-J01	Connector for head-end sensor colour 5	213	8
ESD/6	Board for head-end sensor colour 6	213	7
ESD/6-J01	Connector for head-end sensor colour 6	213	8
EV01	Logic boards cooling fan	115	7
EV02	Hi-Drive cooling fan	115	7
EV05	Autotransformer box cooling fan	102	5
EV06	Cooling fan of Staubli dobby	192	1
EV07	Cooling fan of Staubli S1792 tappet motion	193	1
FU01	Three-poles fuse holder for power supply Hi-Drive	103	0
FU02	Three-poles fuse holder for prewinders	103	2
FU04	Four-poles fuse holder for external device	112	8
FU06	Two-poles fuse holder for led lamps power supply	113	0
FU16	Two-poles fuse holder for weft recovery motor	167	2
FU16	Two-poles fuse holder for weft recovery motor	167	2
FU16	Two-poles fuse holder for weft recovery motor	168	2
FU16	Two-poles fuse holder for weft recovery motor	168	2
GS01	Two-phase power supplier for led lamps	113	2
HL01	Green lamp	135	7

Abbreviation	Description	Page	Column
HL02	White lamp	135	7
HL03	Orange lamp	135	7
HL04	Blue lamp	135	7
JSD	Switching board for head-end sensors	212	3
JSD	Switching board for head-end sensors	213	3
JSD-J01	Connector for head-end sensor colour 1	212	5
JSD-J02	Connector for head-end sensor colour 2	212	5
JSD-J03	Connector for head-end sensor colour 3	212	5
JSD-J04	Connector for head-end sensor colour 4	212	5
JSD-J05	Connector for head-end sensor colour 5	213	5
JSD-J06	Connector for head-end sensor colour 6	213	5
JSD-J07	Connector for head-end sensor colour 7	213	5
JSD-J08	Connector for head-end sensor colour 8	213	5
JSD-J09	Connector for head-end sensors colours 1-8	212	3
JSD-J09	Connector for head-end sensors colours 1-8	213	3
JSP#1	Cables switching board (nozzles and prenozzles colours 1-4 solenoid valves)	169	3
JSP#1-J01	Connector for nozzle colour 1 solenoid valve	169	5
JSP#1-J02	Connector for nozzle colour 2 solenoid valve	169	5
JSP#1-J03	Connector for nozzle colour 3 solenoid valve	169	5
JSP#1-J04	Connector for nozzle colour 4 solenoid valve	169	5
JSP#1-J05	Connector for prenozzle colour 1 solenoid valve	169	5
JSP#1-J06	Connector for prenozzle colour 2 solenoid valve	169	5
JSP#1-J07	Connector for prenozzle colour 3 solenoid valve	169	5
JSP#1-J08	Connector for prenozzle colour 4 solenoid valve	169	5
JSP#1-J10	Connector for nozzles-prenozzles colours 1-4 solenoid valves	169	3
JSP#2	Cables switching board (nozzles and prenozzles colours 5-8 solenoid valves)	171	3
JSP#2-J01	Connector for nozzle colour 5 solenoid valve	171	5
JSP#2-J02	Connector for nozzle colour 6 solenoid valve	171	5
JSP#2-J03	Connector for nozzle colour 7 solenoid valve	171	5
JSP#2-J04	Connector for nozzle colour 8 solenoid valve	171	5
JSP#2-J05	Connector for prenozzle colour 5 solenoid valve	171	5
JSP#2-J06	Connector for prenozzle colour 6 solenoid valve	171	5
JSP#2-J07	Connector for prenozzle colour 7 solenoid valve	171	5
JSP#2-J08	Connector for prenozzle colour 8 solenoid valve	171	5
JSP#2-J10	Connector for nozzles-prenozzles colours 5-8 solenoid valves	171	3

Abbreviation	Description	Page	Column
JSP#3	Cables switching board (PPC colours 1-4 A solenoid valves)	172	3
JSP#3-J01	Connector for PPC colour 1 (A) solenoid valve	172	5
JSP#3-J02	Connector for PPC colour 2 (A) solenoid valve	172	5
JSP#3-J03	Connector for PPC colour 3 (A) solenoid valve	172	5
JSP#3-J04	Connector for PPC colour 4 (A) solenoid valve	172	5
JSP#3-J05	Connector for PPC auxiliary nozzles (A) solenoid valve	172	5
JSP#3-J06	Connector for PPC auxiliary nozzles (B) solenoid valve	172	5
JSP#3-J07	Connector for solenoid valve (available)	172	5
JSP#3-J08	Connector for solenoid valve (available)	172	5
JSP#3-J10	Connector for PPC colours 1-4 (A) solenoid valves	172	3
JSP#4	Cables switching board (PPC colours 5-8 solenoid valves)	174	3
JSP#4-J01	Connector for PPC colour 5 solenoid valve	174	5
JSP#4-J02	Connector for PPC colour 6 solenoid valve	174	5
JSP#4-J03	Connector for PPC colour 7 solenoid valve	174	5
JSP#4-J04	Connector for PPC colour 8 solenoid valve	174	5
JSP#4-J05	Connector for solenoid valve (available)	174	5
JSP#4-J06	Connector for solenoid valve (available)	174	5
JSP#4-J07	Connector for solenoid valve (available)	174	5
JSP#4-J08	Connector for solenoid valve (available)	174	5
JSP#4-J10	Connector for PPC colours 5-8 solenoid valves	174	3
JSP#5	Cables switching board (double prenozzles colours 1-4 solenoid valves)	170	3
JSP#5-J01	Connector for solenoid valve (available)	170	5
JSP#5-J02	Connector for solenoid valve (available)	170	5
JSP#5-J03	Connector for solenoid valve (available)	170	5
JSP#5-J04	Connector for solenoid valve (available)	170	5
JSP#5-J05	Connector for double prenozzle colour 1 solenoid valve	170	5
JSP#5-J06	Connector for double prenozzle colour 2 solenoid valve	170	5
JSP#5-J07	Connector for double prenozzle colour 3 solenoid valve	170	5
JSP#5-J08	Connector for double prenozzle colour 4 solenoid valve	170	5
JSP#5-J10	Connector for double prenozzles colours 1-4 solenoid valves	170	3
JSP#6	Cables switching board (PPC colours 1-4 B solenoid valves)	173	3
JSP#6-J01	Connector for PPC colour 1 (B) solenoid valve	173	5
JSP#6-J02	Connector for PPC colour 2 (B) solenoid valve	173	5
JSP#6-J03	Connector for PPC colour 3 (B) solenoid valve	173	5
JSP#6-J04	Connector for PPC colour 4 (B) solenoid valve	173	5

Abbreviation	Description	Page	Column
JSP#6-J05	Connector for solenoid valve (available)	173	5
JSP#6-J06	Connector for solenoid valve (available)	173	5
JSP#6-J07	Connector for solenoid valve (available)	173	5
JSP#6-J08	Connector for solenoid valve (available)	173	5
JSP#6-J10	Connector for PPC colours 1-4 (B) solenoid valves	173	3
JSV#1	Cables switching board (auxiliary nozzles solenoid valves 1-8)	160	3
JSV#1	Cables switching board (auxiliary nozzles solenoid valves 9-16)	161	3
JSV#1	Cables switching board (FAR solenoid valves)	166	3
JSV#1	Cables switching board (left-hand and right-hand tuck-in devices solenoid valves)	177	3
JSV#1-J01	Connector for auxiliary nozzles solenoid valve 1	160	5
JSV#1-J02	Connector for auxiliary nozzles solenoid valve 2	160	5
JSV#1-J03	Connector for auxiliary nozzles solenoid valve 3	160	5
JSV#1-J04	Connector for auxiliary nozzles solenoid valve 4	160	5
JSV#1-J05	Connector for auxiliary nozzles solenoid valve 5	160	5
JSV#1-J06	Connector for auxiliary nozzles solenoid valve 6	160	5
JSV#1-J07	Connector for auxiliary nozzles solenoid valve 7	160	5
JSV#1-J08	Connector for auxiliary nozzles solenoid valve 8	160	5
JSV#1-J09	Connector for auxiliary nozzles solenoid valve 9	161	5
JSV#1-J10	Connector for auxiliary nozzles solenoid valve 10	161	5
JSV#1-J11	Connector for auxiliary nozzles solenoid valve 11	161	5
JSV#1-J12	Connector for auxiliary nozzles solenoid valve 12	161	5
JSV#1-J13	Connector for auxiliary nozzles solenoid valve 13	161	5
JSV#1-J14	Connector for auxiliary nozzles solenoid valve 14	161	5
JSV#1-J15	Connector for auxiliary nozzles solenoid valve 15	161	5
JSV#1-J16	Connector for auxiliary nozzles solenoid valve 16	161	5
JSV#1-J17	Connector for FAR blow solenoid valve	166	5
JSV#1-J18	Connector for FAR suction solenoid valve	166	5
JSV#1-J19	Connector for auxiliary nozzles solenoid valves 1-16	160	3
JSV#1-J19	Connector for auxiliary nozzles solenoid valves 1-16	161	3
JSV#1-J19	Connector for auxiliary nozzles solenoid valves 1-16	166	3
JSV#1-J20	Connector for left-hand and right-hand tuck-in devices solenoid valves	177	3
JSV#1-J21	Connector for left-hand tuck-in device suction solenoid valve	177	5
JSV#1-J22	Connector for left-hand tuck-in device blow solenoid valve	177	5
JSV#1-J23	Connector for right-hand tuck-in device suction solenoid valve	177	5
JSV#1-J24	Connector for right-hand tuck-in device blow solenoid valve	177	5

Abbreviation	Description	Page	Column
JSV#2	Cables switching board (auxiliary nozzles solenoid valves 17-24)	162	3
JSV#2	Cables switching board (auxiliary nozzles solenoid valves 25-32)	163	3
JSV#2-J01	Connector for auxiliary nozzles solenoid valve 17	162	5
JSV#2-J02	Connector for auxiliary nozzles solenoid valve 18	162	5
JSV#2-J03	Connector for auxiliary nozzles solenoid valve 19	162	5
JSV#2-J04	Connector for auxiliary nozzles solenoid valve 20	162	5
JSV#2-J05	Connector for auxiliary nozzles solenoid valve 21	162	5
JSV#2-J06	Connector for auxiliary nozzles solenoid valve 22	162	5
JSV#2-J07	Connector for auxiliary nozzles solenoid valve 23	162	5
JSV#2-J08	Connector for auxiliary nozzles solenoid valve 24	162	5
JSV#2-J09	Connector for auxiliary nozzles solenoid valve 25	163	5
JSV#2-J10	Connector for auxiliary nozzles solenoid valve 26	163	5
JSV#2-J11	Connector for auxiliary nozzles solenoid valve 27	163	5
JSV#2-J12	Connector for auxiliary nozzles solenoid valve 28	163	5
JSV#2-J13	Connector for auxiliary nozzles solenoid valve 29	163	5
JSV#2-J14	Connector for auxiliary nozzles solenoid valve 30	163	5
JSV#2-J15	Connector for auxiliary nozzles solenoid valve 31	163	5
JSV#2-J16	Connector for auxiliary nozzles solenoid valve 32	163	5
JSV#2-J19	Connector for auxiliary nozzles solenoid valves 17-32	162	3
JSV#2-J19	Connector for auxiliary nozzles solenoid valves 17-32	163	3
K02	Relay for loom running signalling	106	8
K03	Relay for right-hand lamp control for reed zone lighting	113	3
K05A	Contactor for cutting of the main motor phases	104	2
K05B	Contactor for cutting of the main motor phases	105	2
K08	Safety module for light curtains	133	2
K09	Safety rele for single-ray sensors	134	2
K15	Safety relay for jacquard emergency	124	3
LCK	Central loom pushbutton panel board	127	2
LCK-DL1	Safety warning led	127	3
LCK-DL2	Safety warning led	127	4
LCK-J01	Connector for central pushbutton panel	127	2
LCK-J02	Connector for central pushbutton panel	127	5
LGL	LGL prewinders board	186	4
LGL-X1	Connector for 24V/170V power supplies	186	4
LGL-X2	Connector for can-bus	186	4

Abbreviation	Description	Page	Column
LGL-X3	Connector for braking resistor	186	4
LME	Expansion board for linear motors (FAR motor)	168	0
LME-J04	Connector for FAR motor	168	1
LSK	Side loom pushbutton panel board	125	2
LSK	Side loom pushbutton panel board	126	2
LSK-DL1	Safety warning led	125	4
LSK-DL1	Safety warning led	126	3
LSK-DL2	Safety warning led	125	5
LSK-DL2	Safety warning led	126	4
LSK-DL3	Warning led (available)	125	4
LSK-DL3	Warning led (available)	126	3
LSK-DL4	Warning led (available)	125	5
LSK-DL4	Warning led (available)	126	4
LSK-J01	Connector for side pushbutton panel	125	3
LSK-J01	Connector for side pushbutton panel	126	2
LSK-J01	Connector for side pushbutton panel	128	3
LSK-J01	Connector for side pushbutton panel	129	3
LSK-J02	Connector for side pushbutton panel	125	8
LSK-J02	Connector for side pushbutton panel	126	7
LSK-J02	Connector for side pushbutton panel	128	8
LSK-J02	Connector for side pushbutton panel	129	7
LSK-J03	Connector for emergency pushbutton	128	4
LSK-J03	Connector for emergency pushbutton	129	4
LSK-J04	Connector for loom movements left-hand lamp	128	6
LSK-J04	Connector for loom movements left-hand lamp	129	6
LSK-J05	Connector for loom movements right-hand lamp	128	6
LSK-J05	Connector for loom movements right-hand lamp	129	6
M01	Hi-Drive main motor	104	9
M01	Hi-Drive main motor	105	9
M02	Lubrification pump motor	109	2
M03	Suction device motor	110	2
M04	Tappet motion levelling motor	111	2
M06	ETD brushless motor	142	9
M06	ETD brushless motor	148	9
M07	EWC1 brushless motor	143	9

Abbreviation	Description	Page	Column
M07	EWC1 brushless motor	149	9
M08	Twin / double beam EWC2 brushless motor	144	9
M08	Twin / double beam EWC2 brushless motor	150	9
M09	Upper beam EWC brushless motor	145	9
M09	Upper beam EWC brushless motor	151	9
M12	Left-hand cutter motor	207	5
M13	Right-hand cutter motor	207	5
M13	Right-hand cutter motor	209	8
M14	Central 1 cutter motor	208	5
M14	Central 1 cutter motor	208	5
M14	Central 1 cutter motor	209	8
M14	Central 1 cutter motor	210	8
M15	Central 2 cutter motor	209	8
M15	Central 2 cutter motor	210	8
M20	Left-hand leno device brushless motor	198	9
M21	Central leno device brushless motor	203	9
M23	Right-hand leno device brushless motor	198	9
M24	Left-hand selvedge binding brushless motor	201	9
M25	Central selvedge binding brushless motor	204	9
M27	Right-hand selvedge binding brushless motor	201	9
M53	Weft recovery motor	167	7
M53	Weft recovery motor	168	7
NJI	Board for jaquardette interface	194	0
NJI	Board for jaquardette interface	195	0
NJI	Board for jaquardette interface	196	3
NJI-J01	Connector of the signals from PMD	196	5
NJI-J02	Connector of the signals to CBB	196	3
NJI-J03	Connector for encoder signals	194	1
NJI-J03	Connector for encoder signals	195	1
OJB	Air jet optional board (power supplies)	120	6
OJB	Air jet optional board (EWC2 signals and references)	141	0
OJB	Air jet optional board (EWC2 encoder)	144	0
OJB	Air jet optional board (EWC2 encoder)	145	0
OJB	Air jet optional board (EWC2/EWC3 signals and references)	147	0
OJB	Air jet optional board (EWC2 encoder)	150	0

Abbreviation	Description	Page	Column
OJB	Air jet optional board (EWC2 encoder)	151	0
OJB	Air jet optional board (EWC2 load cell)	152	0
OJB	Air jet optional board (EWC2 load cell)	153	0
OJB	Air jet optional board (fast-bus line)	154	7
OJB	Air jet optional board (auxiliary nozzles solenoid valves 17-24)	162	0
OJB	Air jet optional board (auxiliary nozzles solenoid valves 25-32)	163	0
OJB	Air jet optional board (motorized FAR)	167	0
OJB	Air jet optional board (double prenozzles colours 1-4 solenoid valves)	170	0
OJB	Air jet optional board (nozzles and prenozzles colours 5-8 solenoid valves)	171	0
OJB	Air jet optional board (PPC colours 1-4 additional solenoid valves)	173	0
OJB	Air jet optional board (PPC colours 5-8 pressure sensors)	173	0
OJB	Air jet optional board (PPC colours 5-8 solenoid valves)	174	0
OJB	Air jet optional board (PPC colours 5-8 pressure sensors)	176	0
OJB	Air jet optional board (central 1 and 2 tuck-in devices solenoid valves)	178	0
OJB	Air jet optional board (signals for BTB#2 drive)	200	0
OJB	Air jet optional board (signals for BTB#3 drive)	202	0
OJB	Air jet optional board (central cutter motors)	208	0
OJB	Air jet optional board (central cutter motors)	208	0
OJB	Air jet optional board (central cutter motors)	210	0
OJB-DL1	Green led / 60Vdc	120	8
OJB-DL2	Green led / 24Vdc	120	8
OJB-DL3	Green led / 170Vdc	120	8
OJB-DL4	Blue led / DSP ok	120	8
OJB-F1	24Vdc fuse	120	8
OJB-F2	60Vdc fuse	120	8
OJB-F3	170Vdc fuse	120	8
OJB-J01	Connector for fast-bus line	154	7
OJB-J05	Connector for power supplies from SJB board	120	6
OJB-J07	Connector for auxiliary nozzles solenoid valves 17-32	162	1
OJB-J07	Connector for auxiliary nozzles solenoid valves 17-32	163	1
OJB-J08	Connector for nozzles-prenozzles colours 5-8 solenoid valves	170	1
OJB-J08	Connector for nozzles-prenozzles colours 5-8 solenoid valves	171	1
OJB-J09	Connector for central 1 and 2 tuck-in device solenoid valves	178	1
OJB-J10	Connector for PPC colours 5-8 solenoid valves	173	1
OJB-J10	Connector for PPC colours 5-8 solenoid valves	174	1

Abbreviation	Description	Page	Column
OJB-J11	Connector for PPC colours 5-8 pressure sensors	173	1
OJB-J11	Connector for PPC colours 5-8 pressure sensors	176	1
OJB-J12	Connector for general input/output	167	1
OJB-J19	Connector for BTB#2 drive signals	200	1
OJB-J22	Connector for EWC2 encoder	144	1
OJB-J22	Connector for EWC2 encoder	145	1
OJB-J22	Connector for EWC2 encoder	150	1
OJB-J22	Connector for EWC2 encoder	151	1
OJB-J24	Connector for EWC2 signals and references	141	1
OJB-J24	Connector for EWC2 signals and references	147	1
OJB-J26	Connector for BTB#3 drive signals	202	1
OJB-J29	Connector for EWC2 load cell	152	1
OJB-J29	Connector for EWC2 load cell	153	1
OJB-J31	Connector for central cutters motors	208	1
OJB-J31	Connector for central cutters motors	208	1
OJB-J31	Connector for central cutters motors	210	1
OJB-J31A	Connector for central 1 cutter motor	210	3
OJB-J31ABC	Jumper connector for cutter motor	210	0
OJB-J31B	Connector for central 2 cutter motor	210	3
OJB-J31C	Connector for central 3 cutter motor	210	3
OJB-J32	Connector for central cutters motors / FAR motor	167	1
OSP	Overspeed protection board	106	3
OSP-J01	Connector for loom running signal	106	3
OSP-J02	Connector for loom running signal	106	6
OSP-J03	Connector for loom start pushbutton signal	106	3
OSP-J04	Connector for speed limitation to PMD	106	6
OSP-J05	Connector of the switch mode contact	106	3
PMD-J07	Connector for PMD Hi-Drive resolver	104	5
PMD-J09	Connector for PMD Hi-Drive signals	107	7
PMD-J11	Connector for can-bus	107	7
QMK1	Three-pole circuit-breaker and contactor for lubrication pump motor	109	2
QMK2	Three-pole circuit-breaker and contactor for suction device motor	110	2
QMK3	Three-pole circuit-breaker and contactor for tappet motion levelling motor	111	2
QS01	Mains circuit-breaker	101	3
QS02	Residual current circuit-breaker for 230V one-phase socket	101	8

Abbreviation	Description	Page	Column
R05	Thermal cutter blade 1	211	7
R06	Thermal cutter blade 2	211	8
R07	Thermal cutter blade 3	211	8
R08	Thermal cutter blade 4	211	9
R09	Thermal cutter blade 5	211	9
ROJ	ROJ prewinders board	187	4
ROJ-X1	Connector for 24V/170V power supplies	187	4
ROJ-X2	Connector for can-bus	187	4
ROJ-X3	Connector for braking resistor	187	4
RTC	RTC board	180	4
RTC	RTC board	181	4
RTC-J05	Connector for power supplies	180	5
RTC-J07	Connector for 1-16 auxiliary nozzles solenoid valves signals	180	5
RTC-J08	Connector for 1-16 auxiliary nozzles solenoid valves control	180	7
RTC-J12	Connector for RTC can-bus	181	5
SB01	Emergency pushbutton on the electric box	122	3
SB01	Emergency pushbutton on the electric box	123	7
SB01	Emergency pushbutton on the electric box	124	7
SB02	Emergency pushbutton for left-hand side loom	128	4
SB03	Emergency pushbutton for right-hand side loom	129	4
SB04	Emergency pushbutton for rear side loom	129	9
SB05	Loom stop pushbutton	125	5
SB05	Loom stop pushbutton	126	4
SB05	Loom stop pushbutton	127	3
SB06	Loom start pushbutton	125	4
SB06	Loom start pushbutton	126	3
SB06	Loom start pushbutton	127	2
SB07	Forward pick finding pushbutton	125	5
SB07	Forward pick finding pushbutton	126	4
SB08	Reverse pick finding pushbutton	125	6
SB08	Reverse pick finding pushbutton	126	5
SB09	Forward slow speed pushbutton	125	6
SB09	Forward slow speed pushbutton	126	5
SB09	Forward slow speed pushbutton	127	4
SB10	Reverse slow speed pushbutton	125	7

Abbreviation	Description	Page	Column
SB10	Reverse slow speed pushbutton	126	6
SB11	Forward ETD movement pushbutton	125	3
SB11	Forward ETD movement pushbutton	126	2
SB12	Reverse ETD movement pushbutton	125	4
SB12	Reverse ETD movement pushbutton	126	3
SB13	F1 pushbutton	125	7
SB13	F1 pushbutton	126	6
SB14	Left-hand leno device reset pushbutton	199	8
SB17	Right-hand leno device reset pushbutton	199	8
SB22	F2 pushbutton	125	8
SB22	F2 pushbutton	126	7
SJB	Air jet standard board (tappet motion levelling control)	111	7
SJB	Air jet standard board (Hi-Drive brake)	114	0
SJB	Air jet standard board (power supplies)	118	8
SJB	Air jet standard board (power supplies)	119	0
SJB	Air jet standard board (power supplies)	120	0
SJB	Air jet standard board (power supplies)	121	7
SJB	Air jet standard board (power supplies)	124	0
SJB	Air jet standard board (EWC-ETD movement pushbutton)	130	0
SJB	Air jet standard board (tappet motion levelling sensors)	136	0
SJB	Air jet standard board (tappet motion levelling sensors)	137	0
SJB	Air jet standard board (tappet motion levelling sensors)	138	0
SJB	Air jet standard board (tappet motion levelling sensors)	139	0
SJB	Air jet standard board (fast-bus line)	154	7
SJB	Air jet standard board (auxiliary nozzles solenoid valves 1-8)	160	0
SJB	Air jet standard board (auxiliary nozzles solenoid valves 9-16)	161	0
SJB	Air jet standard board (pneumatic system pressure switch)	164	0
SJB	Air jet standard board (pneumatic system pressure switch)	165	0
SJB	Air jet standard board (FAR solenoid valves)	166	0
SJB	Air jet standard board (motorized FAR solenoid valve)	168	0
SJB	Air jet standard board (nozzles and prenozzles colours 1-4 solenoid valves)	169	0
SJB	Air jet standard board (PPC colours 1-4 A solenoid valves)	172	0
SJB	Air jet standard board (PPC colours 1-4 pressure sensors)	175	0
SJB	Air jet standard board (left-hand and right-hand tuck-in devices solenoid valves)	177	0
SJB	Air jet standard board (air flow meter)	179	0

Abbreviation	Description	Page	Column
SJB	Air jet standard board (air flow meter)	179	0
SJB	Air jet standard board (auxiliary nozzles solenoid valves 1-16)	180	0
SJB	Air jet standard board (prewinders power supply)	185	0
SJB	Air jet standard board (prewinders power supply)	186	0
SJB	Air jet standard board (prewinders power supply)	187	0
SJB	Air jet standard board (signals for jacquard/jacquardette)	194	0
SJB	Air jet standard board (signals for jacquard/jacquardette)	195	0
SJB	Air jet standard board (signals for BTB#1 drive)	197	0
SJB	Air jet standard board (leno device reset pushbuttons)	199	0
SJB	Air jet standard board (Microtex weft control photocells)	205	0
SJB	Air jet standard board (Eltex weft control photocells)	206	0
SJB	Air jet standard board (cutter motors)	207	0
SJB	Air jet standard board (cutter motors)	209	0
SJB-DL1	Green led / 60Vdc	119	0
SJB-DL2	Green led / 24Vdc	119	0
SJB-DL3	Green led / 170Vdc	119	0
SJB-DL4	Blue led / DSP ok	119	0
SJB-F1	Prewinders 24Vdc fuse	119	0
SJB-F2	24Vdc fuse	119	0
SJB-F3	60Vdc fuse	119	0
SJB-F4	Prewinders 170Vdc fuse	119	0
SJB-F5	170Vdc fuse	119	0
SJB-J01	Connector for fast-bus line	154	7
SJB-J07	Connector for power supplies from SSM module	118	8
SJB-J08	Connector for power supplies to CBB board	119	2
SJB-J09	Connector for power supplies to OJB board	120	1
SJB-J09	Connector for power supplies to OJB board	120	3
SJB-J10	Connector for 5V/15V power supplies	121	7
SJB-J11	Connector for prewinders power supplies	185	1
SJB-J11	Connector for prewinders power supplies	186	1
SJB-J11	Connector for prewinders power supplies	187	1
SJB-J12	Connector for auxiliary nozzles solenoid valves 1-16	160	1
SJB-J12	Connector for auxiliary nozzles solenoid valves 1-16	161	1
SJB-J12	Connector for auxiliary nozzles solenoid valves 1-16	166	1
SJB-J12	Connector for auxiliary nozzles solenoid valves 1-16	180	1

Abbreviation	Description	Page	Column
SJB-J13	Connector for nozzles-prenozzles colours 1-4 solenoid valves	169	1
SJB-J14	Connector for left-hand and right-hand tuck-in devices solenoid valves	177	1
SJB-J15	Connector for weft control photocell 1	205	1
SJB-J15	Connector for weft control photocell 1	206	1
SJB-J16	Connector for weft control photocell 2	205	1
SJB-J16	Connector for weft control photocell 2	206	1
SJB-J17	Connector for tappet motion levelling sensors	136	1
SJB-J17	Connector for tappet motion levelling sensors	137	1
SJB-J17	Connector for tappet motion levelling sensors	138	1
SJB-J17	Connector for tappet motion levelling sensors	139	1
SJB-J18	Connector for tappet motion levelling control	111	7
SJB-J19	Connector for tappet motion levelling motor thermal feeler	111	7
SJB-J20	Connector for pneumatic system pressure switch	164	1
SJB-J20	Connector for pneumatic system pressure switch	165	1
SJB-J21	Connector for tappet motion oil level sensor	137	1
SJB-J21	Connector for tappet motion oil level sensor	138	1
SJB-J22	Connector for general input/output	130	1
SJB-J23	Connector for general input/output	124	1
SJB-J23	Connector for general input/output	130	1
SJB-J24	Connector for general input/output	168	1
SJB-J24	Connector for general input/output	168	2
SJB-J24	Connector for general input/output	179	1
SJB-J24	Connector for general input/output	179	1
SJB-J29	Connector for BTB#1 drive signals	197	1
SJB-J34	Connector for left-hand leno device reset pushbutton	199	1
SJB-J35	Connector for right-hand leno device reset pushbutton	199	1
SJB-J39	Connector for left-hand cutter motor	207	1
SJB-J40	Connector for right-hand cutter motor	207	1
SJB-J40	Connector for right-hand cutter motor	209	1
SJB-J40A	Connector for right-hand cutter motor	209	3
SJB-J40ABC	Jumper connector for cutter motor	209	0
SJB-J40B	Connector for central 1 cutter motor	209	3
SJB-J40C	Connector for central 2 cutter motor	209	3
SJB-J43	Connector for Hi-Drive brake	114	1
SJB-J48	Connector for PPC colours 1-4 (A) solenoid valves	172	1

Abbreviation	Description	Page	Column
SJB-J49	Connector for PPC colours 1-4 pressure sensors	175	1
SJB-J50	Connector for PPC auxiliary nozzles pressure sensor	175	1
SJB-J51	Connector for jacquard/jacquardette signals	194	1
SJB-J51	Connector for jacquard/jacquardette signals	195	1
SL01-1	Oil level sensor for Staubli 2861-2871/e22 dobby	189	8
SL01-3	Oil level sensor for Staubli 2881/e22 dobby	190	8
SL01-6	Oil level sensor for Staubli 3220/3260/3060 dobby	191	7
SL02-1	Oil level sensor for Staubli T1661-T1681-T1761-T1781 tappet motion	137	7
SL02-2	Oil level sensor for Staubli S1692 tappet motion	138	7
SL02-3	Oil level sensor for Staubli S1792 tappet motion	139	7
SLB/1	Board for loom movements left-hand lamp	128	6
SLB/2	Board for loom movements right-hand lamp	129	7
SP01	Pneumatic system pressure switch	164	8
SP02	Lubrification system minim pressure switch	182	6
SP03	Lubrification system maxim pressure switch	182	6
SPH	Safety light curtain board	132	2
SPH-DL1	Green led / 24Vdc	132	2
SPH-DL2	Yellow led / test signal from controller	132	2
SPH-DL3	Red led / light curtains free beam	132	2
SPH-F1	24Vdc fuse	132	3
SPH-J01	Connector for power supply and controls	132	2
SPH-J02	Connector for safety light curtain receiver	132	4
SPH-J03	Connector for safety light curtain transmitter	132	4
SQ01	Crank safety limit switch inserted	122	7
SQ01	Crank safety limit switch inserted	123	7
SQ01	Crank safety limit switch inserted	124	7
SQ02	Tappet motion safety limit switch (FC1)	136	7
SQ03	Tappet motion levelling limit switch (FC2)	136	7
SQ04	ETD Hall sensors	142	9
SQ04	ETD Hall sensors	148	9
SQ05	EWC1 Hall sensors	143	9
SQ05	EWC1 Hall sensors	149	9
SQ06	Twin / double beam EWC2 Hall sensors	144	9
SQ06	Twin / double beam EWC2 Hall sensors	150	9
SQ07	Upper beam EWC Hall sensors	145	9

Abbreviation	Description	Page	Column
SQ07	Upper beam EWC Hall sensors	151	9
SQ26-1	Proximity sensor for Staubli T1661-T1681-T1761-T1781 tappet motion	137	7
SQ26-2	Proximity sensor (safety) for Staubli S1692 tappet motion	138	7
SQ26-3	Proximity sensor (safety) for Staubli S1792 tappet motion	139	7
SQ45-2	Proximity sensor (levelling) for Staubli S1692 tappet motion	138	7
SQ45-3	Proximity sensor (levelling) for Staubli S1792 tappet motion	139	7
SSM	Power supply module	116	2
SSM	Power supply module	117	8
SSM	Power supply module	118	2
SSM	Power supply module	120	0
SSM-DL1	Green led / 540Vdc	118	3
SSM-DL2	Blue led / DSP ok	118	3
SSM-F1	540Vdc fuse	118	3
SSM-F2	540Vdc fuse	118	4
SSM-J01	Connector for 540Vdc power supply input	116	2
SSM-J01	Connector for 540Vdc power supply input	117	8
SSM-J02	Connector for can-bus	118	2
SSM-J03	Connector for boards power supplies	118	5
SSM-J04	Connector for 170Vdc power supply output	120	1
SSM-J05	Connector for 170Vdc power supply output	116	4
SSM-J06	Connector for 170Vdc power supply output	116	4
SSM-J06	Connector for 170Vdc power supply output	117	8
ST01	Main motor thermal sensor	104	8
ST01	Main motor thermal sensor	105	8
ST02	ETD motor thermal sensor	142	9
ST02	ETD motor thermal sensor	148	9
ST03	EWC1 motor thermal sensor	143	9
ST03	EWC1 motor thermal sensor	149	9
ST04	Twin / double beam EWC2 motor thermal sensor	144	9
ST04	Twin / double beam EWC2 motor thermal sensor	150	9
ST05	Upper beam EWC motor thermal sensor	145	9
ST05	Upper beam EWC motor thermal sensor	151	9
ST08	Tappet motion levelling motor thermal feeler	111	3
ST09	Lubrification pump motor thermal sensor	109	3
ST10	Lubrification system oil temperature sensor	182	8

Abbreviation	Description	Page	Column
ST14	Oil temperature sensor for Staubli 3220/3260/3060 doobby	191	7
ST25-3	Oil temperature sensor for Staubli S1792 tappet motion	139	7
T01	Three-phase line autotransformer	102	4
TCM	Thermal cutter module	211	2
TCM-DL1	Green led / 540Vdc	211	3
TCM-DL2	Blue led / DSP ok	211	3
TCM-DL3	Yellow led / TCM enabling	211	3
TCM-F01	400Vac fuse	211	3
TCM-F02	400Vac fuse	211	3
TCM-F03	400Vac fuse	211	3
TCM-J01	Connector for 400Vac power supply input	211	2
TCM-J02	Connector for can-bus	211	2
TCM-J03	Connector for power supplies setting	211	5
U01	Hi-Drive	104	3
U01	Hi-Drive	105	3
U01	Hi-Drive	107	7
U01	Hi-Drive	108	8
U01	Hi-Drive	116	1
U01	Hi-Drive	117	1
X01	Terminal board for motors connection	109	2
X01	Terminal board for motors connection	110	2
X01	Terminal board for motors connection	111	2
X02	Connection bar of ground conductors	301	1
X04	Terminal board for external device signals connection	112	5
X05	Terminal board for connection with host computer (monodirectional)	158	6
X06	Terminal board for connection with host computer (bidirectional)	159	6
X07-1	Terminal board for Staubli S1361 tappet motion limit switch	136	6
X07-2	Terminal board for Staubli T1661-T1681-T1761-T1781 tappet motion sensors	137	6
X09	Terminal board for connection of the autotransformer	101	4
X11	Terminal board for thermal cutter blades	211	6
XB01	Three-poles bar for 10x38 fuse holder connection	103	0
XB02	Three-poles bar for circuit-breaker connection	103	6
XC01	Connector for 4 colours signalling lamp on the box	135	2
XC01	Connector for 4 colours signalling lamp on the box	135	5
XC02	Connector for head-end sensors	212	2

Abbreviation	Description	Page	Column
XC02	Connector for head-end sensors	213	2
XC04	Connector for rewinders power supplies and can-bus	185	5
XC05	Connector for test device (fast-bus)	155	4
XC06	Connector for console can-bus	156	7
XC07	Connector for Hi-Drive cooling fan	115	6
XC08	Connector for Hi-Drive outside kit cooling fan	115	6
XC09	Connector for ETD Hall sensors	142	3
XC09	Connector for ETD Hall sensors	148	3
XC10	Connector for EWC1 Hall sensors	143	3
XC10	Connector for EWC1 Hall sensors	149	3
XC11	Connector for EWC2 Hall sensors	144	3
XC11	Connector for EWC2 Hall sensors	145	3
XC11	Connector for EWC2 Hall sensors	150	3
XC11	Connector for EWC2 Hall sensors	151	3
XC15	Connector for Lafert Hi-Drive reference	108	8
XC16	Connector for Lafert Hi-Drive input-output	108	8
XC18	Connector for Lafert Hi-Drive resolver	105	5
XC19	Connector for logic boards fan	115	6
XC24	Connector for jacquard/jacquardette	194	3
XC24	Connector for jacquard/jacquardette	194	8
XC24	Connector for jacquard/jacquardette	195	3
XC24	Connector for jacquard/jacquardette	195	8
XC25	Connector for autotransformer input	102	2
XC26	Connector for autotransformer output	102	7
XC27	Connector for autotransformer box cooling fan	102	4
XC29	Connector for EWC-ETD movement pushbutton	130	6
XC30	Connector for safety light curtain receiver	133	5
XC30	Connector for safety light curtain receiver	134	5
XC31	Connector for safety light curtain transmitter	133	5
XC31	Connector for safety light curtain transmitter	134	5
XC33	Connector for Staubli dobby temperature sensor	191	4
XC44	Connector for emergency pushbuttons connection	123	8
XC44	Connector for emergency pushbuttons connection	124	8
XL002	Connector for Hi-Drive brake	114	7
XL004	Connector for crank safety limit switch inserted	122	6

Abbreviation	Description	Page	Column
XL004	Connector for crank safety limit switch inserted	123	6
XL004	Connector for crank safety limit switch inserted	124	6
XL005	Connector for safety light curtain receiver	132	7
XL005	Connector for safety light curtain receiver	133	7
XL005	Connector for safety light curtain receiver	134	7
XL006	Connector for safety light curtain transmitter	132	7
XL006	Connector for safety light curtain transmitter	133	7
XL006	Connector for safety light curtain transmitter	134	7
XL007	Connector for loom movements left-hand lamp	128	6
XL008	Connector for loom movements right-hand lamp	129	7
XL011	Connector for ETD brushless motor	142	8
XL011	Connector for ETD brushless motor	148	8
XL012	Connector for ETD encoder	142	8
XL012	Connector for ETD encoder	148	8
XL013	Connector for EWC1 brushless motor	143	8
XL013	Connector for EWC1 brushless motor	149	8
XL014	Connector for EWC1 encoder	143	8
XL014	Connector for EWC1 encoder	149	8
XL015	Connector for twin / double beam EWC2 brushless motor	144	8
XL015	Connector for twin / double beam EWC2 brushless motor	150	8
XL016	Connector for twin / double beam EWC2 encoder	144	8
XL016	Connector for twin / double beam EWC2 encoder	150	8
XL017	Connector for upper beam EWC brushless motor	145	8
XL017	Connector for upper beam EWC brushless motor	151	8
XL018	Connector for upper beam EWC encoder	145	8
XL018	Connector for upper beam EWC encoder	151	8
XL023	Connector for EWC1 load cell	152	7
XL024	Connector for twin / double beam EWC2 load cell	152	7
XL025	Connector for upper beam EWC load cell	153	7
XL027	Connector for auxiliary nozzles solenoid valve 1	160	7
XL028	Connector for auxiliary nozzles solenoid valve 2	160	7
XL029	Connector for auxiliary nozzles solenoid valve 3	160	7
XL030	Connector for auxiliary nozzles solenoid valve 4	160	7
XL031	Connector for auxiliary nozzles solenoid valve 5	160	7
XL032	Connector for auxiliary nozzles solenoid valve 6	160	7

Abbreviation	Description	Page	Column
XL033	Connector for auxiliary nozzles solenoid valve 7	160	7
XL034	Connector for auxiliary nozzles solenoid valve 8	160	7
XL035	Connector for auxiliary nozzles solenoid valve 9	161	7
XL036	Connector for auxiliary nozzles solenoid valve 10	161	7
XL037	Connector for auxiliary nozzles solenoid valve 11	161	7
XL038	Connector for auxiliary nozzles solenoid valve 12	161	7
XL039	Connector for auxiliary nozzles solenoid valve 13	161	7
XL040	Connector for auxiliary nozzles solenoid valve 14	161	7
XL041	Connector for auxiliary nozzles solenoid valve 15	161	7
XL042	Connector for auxiliary nozzles solenoid valve 16	161	7
XL043	Connector for auxiliary nozzles solenoid valve 17	162	7
XL044	Connector for auxiliary nozzles solenoid valve 18	162	7
XL045	Connector for auxiliary nozzles solenoid valve 19	162	7
XL046	Connector for auxiliary nozzles solenoid valve 20	162	7
XL047	Connector for auxiliary nozzles solenoid valve 21	162	7
XL048	Connector for auxiliary nozzles solenoid valve 22	162	7
XL049	Connector for auxiliary nozzles solenoid valve 23	162	7
XL050	Connector for auxiliary nozzles solenoid valve 24	162	7
XL051	Connector for auxiliary nozzles solenoid valve 25	163	7
XL052	Connector for auxiliary nozzles solenoid valve 26	163	7
XL053	Connector for auxiliary nozzles solenoid valve 27	163	7
XL054	Connector for auxiliary nozzles solenoid valve 28	163	7
XL055	Connector for auxiliary nozzles solenoid valve 29	163	7
XL056	Connector for auxiliary nozzles solenoid valve 30	163	7
XL057	Connector for auxiliary nozzles solenoid valve 31	163	7
XL058	Connector for auxiliary nozzles solenoid valve 32	163	7
XL059	Connector for FAR blow solenoid valve	166	7
XL060	Connector for FAR suction solenoid valve	166	7
XL061	Connector for nozzle colour 1 solenoid valve	169	7
XL062	Connector for nozzle colour 2 solenoid valve	169	7
XL063	Connector for nozzle colour 3 solenoid valve	169	7
XL064	Connector for nozzle colour 4 solenoid valve	169	7
XL065	Connector for nozzle colour 5 solenoid valve	171	7
XL066	Connector for nozzle colour 6 solenoid valve	171	7
XL069	Connector for prenozzle colour 1 solenoid valve	169	7

Abbreviation	Description	Page	Column
XL070	Connector for prenozzle colour 2 solenoid valve	169	7
XL071	Connector for prenozzle colour 3 solenoid valve	169	7
XL072	Connector for prenozzle colour 4 solenoid valve	169	7
XL073	Connector for prenozzle colour 5 solenoid valve	171	7
XL074	Connector for prenozzle colour 6 solenoid valve	171	7
XL077	Connector for left-hand tuck-in device suction solenoid valve	177	7
XL078	Connector for left-hand tuck-in device blow solenoid valve	177	7
XL079	Connector for right-hand tuck-in device suction solenoid valve	177	7
XL080	Connector for right-hand tuck-in device blow solenoid valve	177	7
XL081	Connector for central 1 tuck-in device suction solenoid valve	178	7
XL082	Connector for central 1 tuck-in device blow solenoid valve	178	7
XL083	Connector for central 2 tuck-in device suction solenoid valve	178	7
XL084	Connector for central 2 tuck-in device blow solenoid valve	178	7
XL093	Connector for pneumatic system pressure switch	164	7
XL094	Connector for PPC colour 1 pressure sensor	175	7
XL095	Connector for PPC colour 2 pressure sensor	175	7
XL096	Connector for PPC colour 3 pressure sensor	175	7
XL097	Connector for PPC colour 4 pressure sensor	175	7
XL098	Connector for PPC colour 5 pressure sensor	176	7
XL099	Connector for PPC colour 6 pressure sensor	176	7
XL102	Connector for PPC auxiliary nozzles pressure sensor	175	7
XL103	Connector for PPC colour 1 (A) solenoid valve	172	7
XL104	Connector for PPC colour 2 (A) solenoid valve	172	7
XL105	Connector for PPC colour 3 (A) solenoid valve	172	7
XL106	Connector for PPC colour 4 (A) solenoid valve	172	7
XL107	Connector for PPC colour 5 solenoid valve	174	7
XL108	Connector for PPC colour 6 solenoid valve	174	7
XL111	Connector for PPC auxiliary nozzles (A) solenoid valve	172	7
XL112	Connector for PPC auxiliary nozzles (B) solenoid valve	172	7
XL116	Connector for lubrication system oil temperature sensor	182	6
XL119	Connector for rotating or drop wires warp stop motion	183	4
XL124-1	Connector for Staubli 2861-2871/e22 dobby	189	6
XL124-3	Connector for Staubli 2881/e22 dobby	190	6
XL124-6	Connector for Staubli 3220/3260/3060 dobby	191	6
XL125	Connector for left-hand leno device brushless motor	198	6

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XL126	Connector for central leno device brushless motor	203	6
XL128	Connector for right-hand leno device brushless motor	198	6
XL129	Connector for left-hand selvedge binding brushless motor	201	6
XL130	Connector for central selvedge binding brushless motor	204	6
XL132	Connector for right-hand selvedge binding brushless motor	201	6
XL133	Connector for left-hand leno device reset pushbutton	199	7
XL136	Connector for right-hand leno device reset pushbutton	199	7
XL141	Connector for weft control photocell 1	205	7
XL141	Connector for weft control photocell 1	206	7
XL142	Connector for weft control photocell 2	205	7
XL142	Connector for weft control photocell 2	206	7
XL144	Connector for left-hand cutter motor	207	5
XL145	Connector for right-hand cutter motor	207	5
XL145	Connector for right-hand cutter motor	209	7
XL146	Connector for central 1 cutter motor	208	5
XL146	Connector for central 1 cutter motor	208	5
XL146	Connector for central 1 cutter motor	209	7
XL146	Connector for central 1 cutter motor	210	7
XL147	Connector for central 2 cutter motor	209	7
XL147	Connector for central 2 cutter motor	210	7
XL159	Connector for loom-cooler solenoid valve	182	6
XL164	Connector for right-hand waste selvedge control	184	4
XL165	Connector for pneumatic system pressure sensor	165	7
XL168	Connector for left-hand lamp for reed zone lighting	113	7
XL169	Connector for right-hand lamp for reed zone lighting	113	7
XL170	Connector for left-hand leno device control	183	4
XL173	Connector for right-hand leno device control	184	4
XL198	Connector for double prenozzle colour 1 solenoid valve	170	7
XL199	Connector for double prenozzle colour 2 solenoid valve	170	7
XL200	Connector for double prenozzle colour 3 solenoid valve	170	7
XL201	Connector for double prenozzle colour 4 solenoid valve	170	7
XL206	Connector for PPC colour 1 (B) solenoid valve	173	7
XL207	Connector for PPC colour 2 (B) solenoid valve	173	7
XL208	Connector for PPC colour 3 (B) solenoid valve	173	7
XL209	Connector for PPC colour 4 (B) solenoid valve	173	7

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XL219	Connector for air flow meter	179	7
XL247-1	Connector for Staubli S1692 tappet motion levelling sensors	138	5
XL247-2	Connector for Staubli S1792 tappet motion levelling sensors	139	5
XL263	Connector for weft recovery motor	167	6
XL263	Connector for weft recovery motor	168	6
XL264	Connector for FAR piston movement solenoid valve	167	6
XL264	Connector for FAR piston movement solenoid valve	168	6
XL268	Connector for cooling fan of Staubli S1792 tappet motion	193	2
XS01	Three-pole socket for prewinders power supply	103	2
XS02	230V one-phase socket	101	8
YB01	Hi-Drive brake	114	8
YV01	Auxiliary nozzles solenoid valve 1	160	8
YV02	Auxiliary nozzles solenoid valve 2	160	8
YV03	Auxiliary nozzles solenoid valve 3	160	8
YV04	Auxiliary nozzles solenoid valve 4	160	8
YV05	Auxiliary nozzles solenoid valve 5	160	8
YV06	Auxiliary nozzles solenoid valve 6	160	8
YV07	Auxiliary nozzles solenoid valve 7	160	8
YV08	Auxiliary nozzles solenoid valve 8	160	8
YV09	Auxiliary nozzles solenoid valve 9	161	8
YV10	Auxiliary nozzles solenoid valve 10	161	8
YV11	Auxiliary nozzles solenoid valve 11	161	8
YV12	Auxiliary nozzles solenoid valve 12	161	8
YV13	Auxiliary nozzles solenoid valve 13	161	8
YV14	Auxiliary nozzles solenoid valve 14	161	8
YV15	Auxiliary nozzles solenoid valve 15	161	8
YV16	Auxiliary nozzles solenoid valve 16	161	8
YV17	Auxiliary nozzles solenoid valve 17	162	8
YV18	Auxiliary nozzles solenoid valve 18	162	8
YV19	Auxiliary nozzles solenoid valve 19	162	8
YV20	Auxiliary nozzles solenoid valve 20	162	8
YV21	Auxiliary nozzles solenoid valve 21	162	8
YV22	Auxiliary nozzles solenoid valve 22	162	8
YV23	Auxiliary nozzles solenoid valve 23	162	8
YV24	Auxiliary nozzles solenoid valve 24	162	8

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YV25	Auxiliary nozzles solenoid valve 25	163	8
YV26	Auxiliary nozzles solenoid valve 26	163	8
YV27	Auxiliary nozzles solenoid valve 27	163	8
YV28	Auxiliary nozzles solenoid valve 28	163	8
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YV30	Auxiliary nozzles solenoid valve 30	163	8
YV31	Auxiliary nozzles solenoid valve 31	163	8
YV32	Auxiliary nozzles solenoid valve 32	163	8
YV33	Nozzle colour 1 solenoid valve	169	8
YV34	Nozzle colour 2 solenoid valve	169	8
YV35	Nozzle colour 3 solenoid valve	169	8
YV36	Nozzle colour 4 solenoid valve	169	8
YV37	Nozzle colour 5 solenoid valve	171	8
YV38	Nozzle colour 6 solenoid valve	171	8
YV41	Prenozzle colour 1 solenoid valve	169	8
YV42	Prenozzle colour 2 solenoid valve	169	8
YV43	Prenozzle colour 3 solenoid valve	169	8
YV44	Prenozzle colour 4 solenoid valve	169	8
YV45	Prenozzle colour 5 solenoid valve	171	8
YV46	Prenozzle colour 6 solenoid valve	171	8
YV49	FAR blow solenoid valve	166	8
YV50	FAR suction solenoid valve	166	8
YV51	Left-hand tuck-in device suction solenoid valve	177	8
YV52	Left-hand tuck-in device blow solenoid valve	177	8
YV53	Right-hand tuck-in device suction solenoid valve	177	8
YV54	Right-hand tuck-in device blow solenoid valve	177	8
YV55	Central 1 tuck-in device suction solenoid valve	178	8
YV56	Central 1 tuck-in device blow solenoid valve	178	8
YV57	Central 2 tuck-in device suction solenoid valve	178	8
YV58	Central 2 tuck-in device blow solenoid valve	178	8
YV69	PPC colour 1 (A) solenoid valve	172	8
YV70	PPC colour 2 (A) solenoid valve	172	8
YV71	PPC colour 3 (A) solenoid valve	172	8
YV72	PPC colour 4 (A) solenoid valve	172	8
YV73	PPC colour 5 solenoid valve	174	8

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W002	Wiring for Hi-Drive power supply	103	0
W002	Wiring for Hi-Drive power supply	104	1
W002	Wiring for Hi-Drive power supply	105	1
W003	Wiring for prewinders socket	103	2
W004	Wiring for lubrication pump motor	109	2
W005	Wiring for suction device motor	110	2
W006	Wiring for tappet motion levelling	111	2
W007	Cable for 540V power supply	116	1
W007	Cable for 540V power supply	117	1
W008	Wiring for SJB board power supplies	118	6
W009	Wiring for CBB board power supplies	119	4
W010	Wiring for OJB board power supplies	120	4
W011	Wiring for box emergency pushbutton	122	2
W011	Wiring for box emergency pushbutton	123	8
W011	Wiring for box emergency pushbutton	124	2
W012	Wiring for 24Vdc maintenance capacitor	121	3
W014	Wiring for safety light curtain	132	1
W014	Wiring for safety light curtain	133	1
W014	Wiring for safety light curtain	134	1
W014-1	Wiring for safety light curtains exclusion	131	7
W016	Cable for 4 colours signalling lamp connectror	135	2
W017	Cable for 4 colours signalling lamp	135	4
W020	Cable for Hi-Drive signals	106	7
W020	Cable for Hi-Drive signals	107	5
W020	Cable for Hi-Drive signals	108	4
W020	Cable for Hi-Drive signals	196	8
W021	Extension cable for Hi-Drive signals	196	2
W022	Wiring for BTD (ETD + EWC1) drive power supply	116	5
W023	Wiring for BTD (EWC2) drive power supply	116	5
W030	Cable for ETD signals	140	3
W030	Cable for ETD signals	142	2
W030	Cable for ETD signals	146	3
W030	Cable for ETD signals	148	2
W031	Cable for EWC1 signals	140	3

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W031	Cable for EWC1 signals	146	3
W031	Cable for EWC1 signals	149	2
W032	Cable for EWC2 signals	141	3
W032	Cable for EWC2 signals	144	2
W032	Cable for EWC2 signals	145	2
W032	Cable for EWC2 signals	147	3
W032	Cable for EWC2 signals	150	2
W032	Cable for EWC2 signals	151	2
W044	Cable for test device connector	155	3
W045	Wiring for thermal cutter power supply	211	2
W046	Cable for thermal cutter can-bus network	157	2
W046	Cable for thermal cutter can-bus network	211	2
W046-1	Jumper wiring for looms without thermal cutter	156	2
W047	Jumper wiring for thermal cutter setting	211	6
W048	Cable for Hi-Drive can-bus network	107	4
W048	Cable for Hi-Drive can-bus network	108	4
W048	Cable for Hi-Drive can-bus network	157	7
W049	Cable for SSM module can-bus network	118	2
W049	Cable for SSM module can-bus network	157	8
W053	Cable for prewinders power supply and can-bus	157	4
W053	Cable for prewinders power supply and can-bus	185	3
W053-1	Cable for LGL prewinders power supply and can-bus	186	2
W053-2	Cable for ROJ prewinders power supply and can-bus	187	2
W054	Wiring for can-bus termination resistor	157	6
W055	Cable for host computer bidirectional system	159	4
W056	Wiring for host computer monodirectional system	158	5
W057	Wiring for jacquard (signals and can-bus)	157	6
W057	Wiring for jacquard (signals and can-bus)	194	3
W057	Wiring for jacquard (signals and can-bus)	195	3
W059	Cable for head-end sensors	212	2
W059	Cable for head-end sensors	213	2
W061	Wiring for CDD board power supplies	188	4
W062	Cable for dobby fast-bus line	188	4
W063	Cable for fast-bus line	154	4

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W069	Cable for 5V/15V power supply	121	4
W071	Wiring for BTB#1 drive power supply (left-right leno device)	197	3
W072	Wiring for BTB#2 drive power supply (left-right selvedge binding)	200	3
W073	Wiring for BTB#3 drive power supply (central selvedge binding)	202	3
W078	Cable for logic boards fan	115	4
W079	Cable for Hi-Drive fan	115	4
W084	Wiring for 230V single-phase socket power supply	101	8
W085	Wiring for external device power supply	101	2
W085	Wiring for external device power supply	106	7
W085	Wiring for external device power supply	112	5
W085	Wiring for external device power supply	158	2
W085-1	Jumper wiring for stop from external device	158	5
W087	Wiring for led lamps power supply	113	3
W089	Wiring for led lamps power supply (400V)	113	1
W101	Wiring for Hi-Drive motor power supply	104	6
W101	Wiring for Hi-Drive motor power supply	105	6
W102	Wiring for Hi-Drive motor contactor	104	2
W102	Wiring for Hi-Drive motor contactor	105	2
W102-1	Jumper wiring for Hi-Drive contactor	104	0
W102-1	Jumper wiring for Hi-Drive contactor	105	0
W104	Wiring for electric cutters in series	209	2
W104	Wiring for electric cutters in series	210	2
W105	Adapter wiring for Microtex photocell	205	2
W106	Cable for autotransformer input	101	5
W106	Cable for autotransformer input	102	1
W107	Cable for autotransformer fan	102	1
W108	Cable for autotransformer output	101	5
W108	Cable for autotransformer output	102	6
W109	Cable for autotransformer thermal feeler	102	6
W110	Wiring for loom running signal	106	2
W111	Jumper wiring for no mode switch	106	3
W112	Wiring for V-relaysystem and p-run	106	2
W114	Wiring for 60V RTC power supply	120	3
W114	Wiring for 60V RTC power supply	180	3

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W115	Wiring for auxiliary nozzles solenoid valves signals	180	3
W116	Cable for RTC can-bus network	157	3
W116	Cable for RTC can-bus network	181	3
W117	Wiring for EWC-ETD movement pushbutton	130	5
W118	Wiring for fan power supply of Staubli dobby / tappet motion	192	1
W118	Wiring for fan power supply of Staubli dobby / tappet motion	193	1
W120	Cable for dobby temperature sensor	191	3
W124-1	Wiring for LGL braking resistor	186	3
W124-2	Wiring for ROJ braking resistor	187	3
W201	Cable for Hi-Drive motor	104	7
W201	Cable for Hi-Drive motor	105	7
W202	Cable for lubrication pump motor	109	2
W203	Cable for suction device motor	110	2
W204	Cable for tappet motion levelling motor	111	2
W205	Cable for Hi-Drive brake	114	4
W208	Cable for crank limit switch	122	4
W208	Cable for crank limit switch	123	4
W208	Cable for crank limit switch	124	4
W208-1	Wiring for crank limit switch exclusion	122	3
W208-1	Wiring for crank limit switch exclusion	123	3
W208-1	Wiring for crank limit switch exclusion	124	3
W209	Cable for safety light curtain receiver	132	6
W209	Cable for safety light curtain receiver	133	6
W209	Cable for safety light curtain receiver	134	6
W210	Cable for safety light curtain transmitter	132	6
W210	Cable for safety light curtain transmitter	133	6
W210	Cable for safety light curtain transmitter	134	6
W211	Cable for left-hand pushbutton panel	125	2
W211	Cable for left-hand pushbutton panel	128	2
W212	Cable for left-right-hand pushbutton panel	126	1
W212	Cable for left-right-hand pushbutton panel	129	1
W213	Cable for central pushbutton panel	127	1
W213	Cable for central pushbutton panel	129	8
W214-1	Jumper wiring for right-hand pushbutton panel	126	8
W214-2	Jumper wiring for central pushbutton panel	127	5

Abbreviation	Description	Page	Column
W215	Wiring for emergency pushbutton	128	4
W215	Wiring for emergency pushbutton	129	4
W216-1	Cable for loom movements left-hand lamp	128	6
W216-2	Cable for loom movements right-hand lamp	129	6
W217-1	Cable for S1361 tappet motion levelling limit switch	136	4
W217-2	Cable for T1661-T1681-T1761-T1781 tappet motion levelling sensors	137	4
W217-4	Cable for S1692 tappet motion levelling sensors	138	4
W217-5	Cable for S1792 tappet motion levelling sensors	139	4
W218	Cable for ETD motor	142	5
W219	Cable for ETD encoder	142	5
W220	Cable for EWC1 motor	143	5
W221	Cable for EWC1 encoder	143	5
W222	Cable for EWC2 motor	144	5
W223	Cable for EWC2 encoder	144	5
W224	Cable for upper beam EWC motor	145	5
W225	Cable for upper beam EWC encoder	145	5
W226	Cable for EWC1 load cell	152	4
W227	Cable for twin / double beam EWC2 load cell	152	4
W228	Cable for console can-bus network	156	4
W228	Cable for console can-bus network	157	1
W229-1	Cable for auxiliary nozzles solenoid valves 1-10	160	2
W229-1	Cable for auxiliary nozzles solenoid valves 1-10	161	2
W229-1	Cable for auxiliary nozzles solenoid valves 1-10	166	2
W229-2	Cable for auxiliary nozzles solenoid valves 1-16	160	2
W229-2	Cable for auxiliary nozzles solenoid valves 1-16	161	2
W229-2	Cable for auxiliary nozzles solenoid valves 1-16	166	2
W230-1	Cable for auxiliary nozzles solenoid valves 17-24	162	2
W230-1	Cable for auxiliary nozzles solenoid valves 17-24	163	2
W230-2	Cable for auxiliary nozzles solenoid valves 17-32	162	2
W230-2	Cable for auxiliary nozzles solenoid valves 17-32	163	2
W231	Cable for auxiliary nozzles solenoid valve 1	160	6
W232	Cable for auxiliary nozzles solenoid valve 2	160	6
W233	Cable for auxiliary nozzles solenoid valve 3	160	6
W234	Cable for auxiliary nozzles solenoid valve 4	160	6
W235	Cable for auxiliary nozzles solenoid valve 5	160	6

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W236	Cable for auxiliary nozzles solenoid valve 6	160	6
W237	Cable for auxiliary nozzles solenoid valve 7	160	6
W238	Cable for auxiliary nozzles solenoid valve 8	160	6
W239	Cable for auxiliary nozzles solenoid valve 9	161	6
W240	Cable for auxiliary nozzles solenoid valve 10	161	6
W241	Cable for auxiliary nozzles solenoid valve 11	161	6
W242	Cable for auxiliary nozzles solenoid valve 12	161	6
W243	Cable for auxiliary nozzles solenoid valve 13	161	6
W244	Cable for auxiliary nozzles solenoid valve 14	161	6
W245	Cable for auxiliary nozzles solenoid valve 15	161	6
W246	Cable for auxiliary nozzles solenoid valve 16	161	6
W247	Cable for auxiliary nozzles solenoid valve 17	162	6
W248	Cable for auxiliary nozzles solenoid valve 18	162	6
W249	Cable for auxiliary nozzles solenoid valve 19	162	6
W250	Cable for auxiliary nozzles solenoid valve 20	162	6
W251	Cable for auxiliary nozzles solenoid valve 21	162	6
W252	Cable for auxiliary nozzles solenoid valve 22	162	6
W253	Cable for auxiliary nozzles solenoid valve 23	162	6
W254	Cable for auxiliary nozzles solenoid valve 24	162	6
W255	Cable for auxiliary nozzles solenoid valve 25	163	6
W256	Cable for auxiliary nozzles solenoid valve 26	163	6
W257	Cable for auxiliary nozzles solenoid valve 27	163	6
W258	Cable for auxiliary nozzles solenoid valve 28	163	6
W259	Cable for auxiliary nozzles solenoid valve 29	163	6
W260	Cable for auxiliary nozzles solenoid valve 30	163	6
W261	Cable for auxiliary nozzles solenoid valve 31	163	6
W262	Cable for auxiliary nozzles solenoid valve 32	163	6
W263	Cable for FAR blow solenoid valve	166	6
W264	Cable for FAR suction solenoid valve	166	6
W265	Cable for nozzles-prenozzles colours 1-4 solenoid valves	169	2
W266-1	Cable for nozzles-prenozzles colours 5-6 solenoid valves	171	2
W266-2	Cable for nozzles-prenozzles colours 5-8 solenoid valves	171	2
W267	Cable for nozzle colour 1 solenoid valve	169	6
W268	Cable for nozzle colour 2 solenoid valve	169	6
W269	Cable for nozzle colour 3 solenoid valve	169	6

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W270	Cable for nozzle colour 4 solenoid valve	169	6
W271	Cable for nozzle colour 5 solenoid valve	171	6
W272	Cable for nozzle colour 6 solenoid valve	171	6
W275	Cable for prenozzle colour 1 solenoid valve	169	6
W276	Cable for prenozzle colour 2 solenoid valve	169	6
W277	Cable for prenozzle colour 3 solenoid valve	169	6
W278	Cable for prenozzle colour 4 solenoid valve	169	6
W279	Cable for prenozzle colour 5 solenoid valve	171	6
W280	Cable for prenozzle colour 6 solenoid valve	171	6
W283	Cable for left-hand and right-hand tuck-in devices solenoid valves	177	2
W284	Cable for central 1 tuck-in device solenoid valves	178	4
W285	Cable for central 2 tuck-in device solenoid valves	178	4
W290	Cable for left-hand tuck-in device suction solenoid valve	177	6
W291	Cable for left-hand tuck-in device blow solenoid valve	177	6
W292	Cable for right-hand tuck-in device suction solenoid valve	177	6
W293	Cable for right-hand tuck-in device blow solenoid valve	177	6
W310	Cable for lubrication system minim pressure switch	182	4
W311	Cable for lubrication system maxim pressure switch	182	4
W312	Cable for lubrication system oil temperature sensor	182	4
W315	Cable for warp stop motion	183	3
W316	Cable for left-hand leno device control	183	3
W319	Cable for right-hand leno device control	184	3
W322-1	Cable for Staubli 2861-2871/e22 dobby	189	3
W322-3	Cable for Staubli 2881/e22 dobby	190	3
W322-6	Cable for Staubli 3220/3260/3060 dobby	191	4
W323	Cable for left-hand leno device	198	4
W324	Cable for central leno device	203	4
W326	Cable for right-hand leno device	198	4
W327	Cable for left-hand selvedge binding	201	4
W328	Cable for central selvedge binding	204	4
W330	Cable for right-hand selvedge binding	201	4
W331	Cable for left-hand leno device reset pushbutton	199	4
W334	Cable for right-hand leno device reset pushbutton	199	4
W335	Cable for weft control photocell 1	205	4
W335	Cable for weft control photocell 1	206	4

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W336	Cable for weft control photocell 2	205	4
W336	Cable for weft control photocell 2	206	4
W338	Cable for lubrication pump motor thermal sensor	109	5
W339	Cable for tappet motion levelling motor thermal feeler	111	5
W340	Cable for left-hand cutter motor	207	3
W341	Cable for right-hand cutter motor	207	3
W341	Cable for right-hand cutter motor	209	5
W342	Cable for central 1 cutter motor	208	3
W342	Cable for central 1 cutter motor	209	5
W342	Cable for central 1 cutter motor	210	5
W343	Cable for central 2 cutter motor	209	5
W343	Cable for central 2 cutter motor	210	5
W349	Cable for Hi-Drive motor resolver	104	7
W349	Cable for Hi-Drive motor resolver	105	6
W350	Cable for upper beam EWC load cell	153	4
W351	Cable for head-end sensors box	212	3
W351	Cable for head-end sensors box	213	3
W353	Cable for head-end optical sensor	212	7
W353	Cable for head-end optical sensor	213	7
W354	Wiring for branch box connector	212	5
W354	Wiring for branch box connector	213	5
W355	Cable for loom-cooler solenoid valve	182	4
W356	Extension cable for loom-cooler solenoid valve	182	7
W357	Wiring for thermal cutter blades	211	6
W363	Cable for PPC colours 1-4 (A) solenoid valves	172	2
W364-1	Cable for PPC colours 5-6 solenoid valves	174	2
W365	Cable for PPC colour 1 (A) solenoid valve	172	6
W366	Cable for PPC colour 2 (A) solenoid valve	172	6
W367	Cable for PPC colour 3 (A) solenoid valve	172	6
W368	Cable for PPC colour 4 (A) solenoid valve	172	6
W369	Cable for PPC colour 5 solenoid valve	174	6
W370	Cable for PPC colour 6 solenoid valve	174	6
W373	Cable for PPC auxiliary nozzles (A) solenoid valve	172	6
W374	Cable for PPC auxiliary nozzles (B) solenoid valve	172	6
W375	Cable for PPC colours 1-4 pressure sensors	175	3

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W376-1	Cable for PPC colours 5-6 pressure sensors	176	4
W377	Cable for PPC auxiliary nozzles pressure sensor	175	3
W378	Cable for pneumatic system pressure switch	164	4
W382	Cable for right-hand waste selvedge signals	184	3
W383	Cable for pneumatic system pressure sensor	165	3
W386	Cable for left-hand lamp for reed zone lighting	113	6
W387	Cable for right-hand lamp for reed zone lighting	113	6
W390	Cable for air flow meter	179	4
W392	Cable for ETD motor	148	5
W393	Cable for ETD encoder	148	5
W394	Cable for EWC1 motor	149	5
W395	Cable for EWC1 encoder	149	5
W396	Cable for EWC2 motor	150	5
W397	Cable for EWC2 encoder	150	5
W398	Cable for upper beam EWC motor	151	5
W399	Cable for upper beam EWC encoder	151	5
W402	Jumper wiring for electric cutters exclusion	209	1
W402	Jumper wiring for electric cutters exclusion	210	1
W404	Cable for fan power supply of Staubli dobby / tappet motion	192	1
W404	Cable for fan power supply of Staubli dobby / tappet motion	193	1
W414	Cable for double prenozzles colours 1-4 solenoid valves	170	2
W416	Cable for double prenozzle colour 1 solenoid valve	170	6
W417	Cable for double prenozzle colour 2 solenoid valve	170	6
W418	Cable for double prenozzle colour 3 solenoid valve	170	6
W419	Cable for double prenozzle colour 4 solenoid valve	170	6
W424	Cable for PPC colours 1-4 (B) solenoid valves	173	2
W426	Cable for PPC colour 1 (B) solenoid valve	173	6
W427	Cable for PPC colour 2 (B) solenoid valve	173	6
W428	Cable for PPC colour 3 (B) solenoid valve	173	6
W429	Cable for PPC colour 4 (B) solenoid valve	173	6
W483	Cable for weft recovery motor	167	4
W483	Cable for weft recovery motor	168	4
W484	Cable for FAR piston movement solenoid valve	167	4
W484	Cable for FAR piston movement solenoid valve	168	4