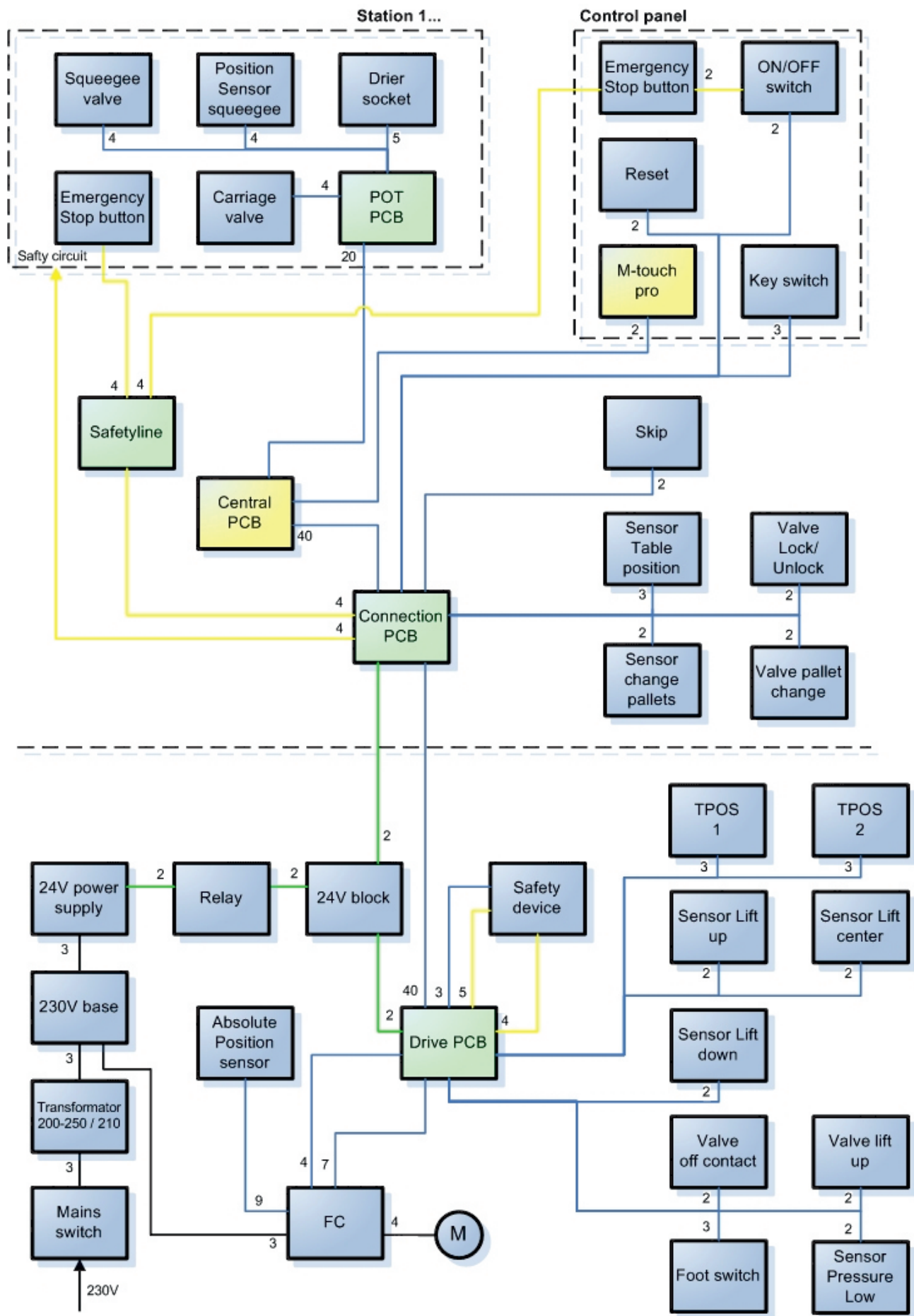


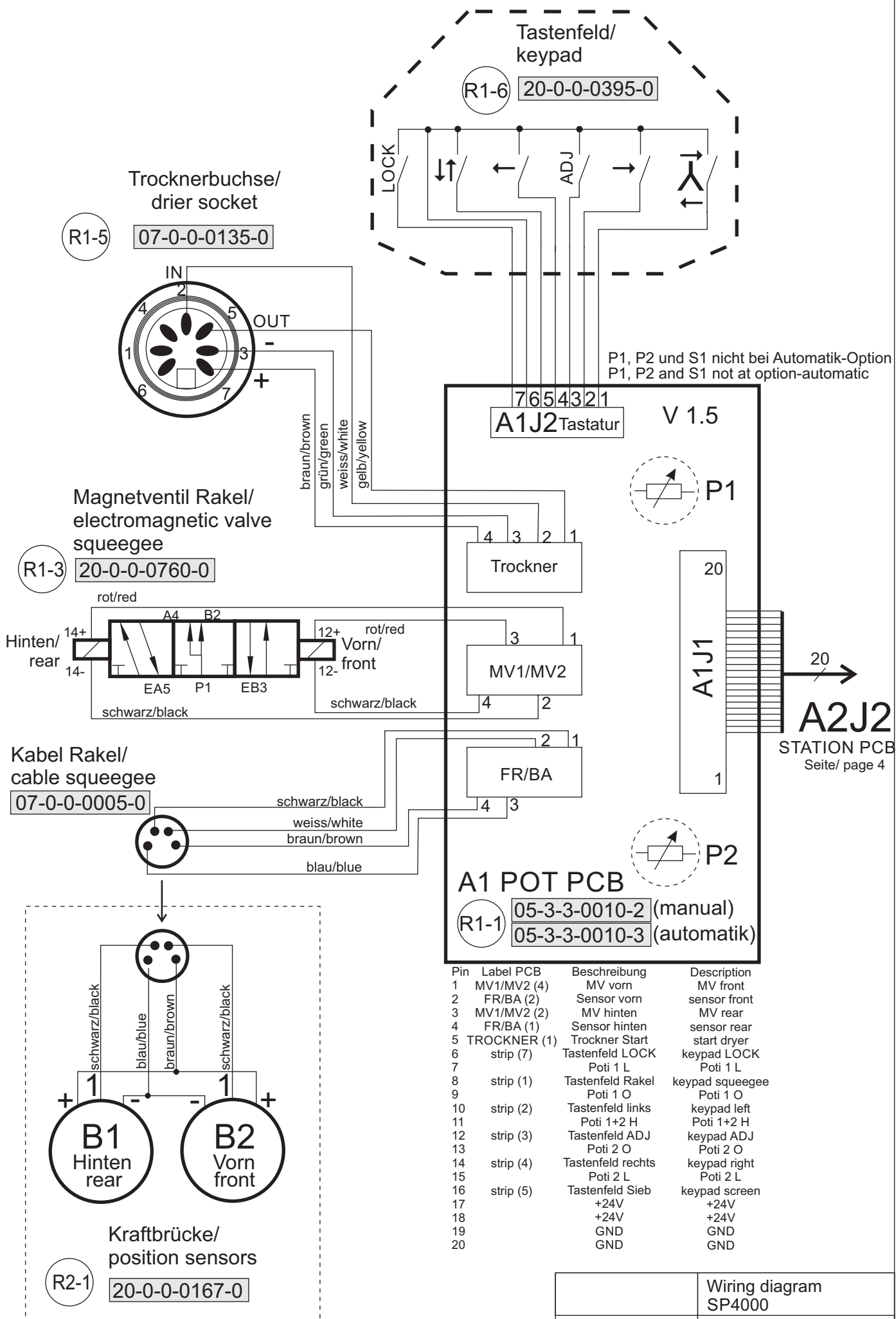
Verdrahtungsplan

wiring diagram

SYNCHROPRINT 4000

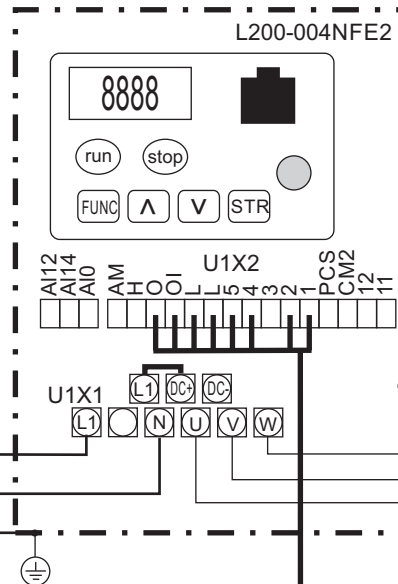
Inhalt:	Seite / page	Contents:
Deckblatt	1	cover sheet
Blockschaltbild	2	block diagram
Rakelarm Teil 1	3	squeegee arm part 1
Rakelarm Teil 2	4	squeegee arm part 2
STEP Platine	5	STEP PCB
Switch Platinen	6	switch PCBs
Systemverdrahtung	7	system wiring
SYSTEM Platine	8	SYSTEM PCB
Magnet- & Frontplatine	9	magnetic valve & front PCB
Not-Aus Relais	10	safety device
Servoverstärker	11	servo drive
Touch	12	touch
Wechselstromverteiler 400V	13	AC- rack 400V
Wechselstromverteiler 210V	14	AC- rack 210V
AC Verteilerplatine	15	AC distribution PCB
24V Netzteil	16	24V power supply





A10J1
V3000
Seite/ page 15

X1
L1 PE N



U1
Frequenzumrichter
frequency converter
07-0-0-0133-5

M1
Motor Rakelarm
squeegee arm motor
07-0-0-0131-0

A2
STATION-Platine
STATION PCB
05-3-3-3001-6

O...Output
I...Input
+.....+24VDC
-.....GND

T2
Magnetventil/
electromagnetic valve
Lock / Unlock
20-0-0-0462-0

O- + I O- O-

A2J1

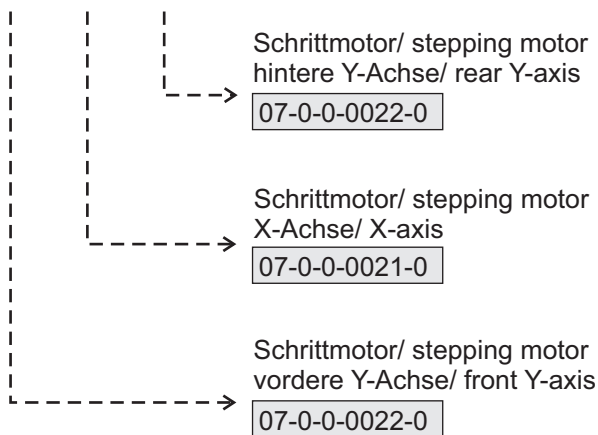
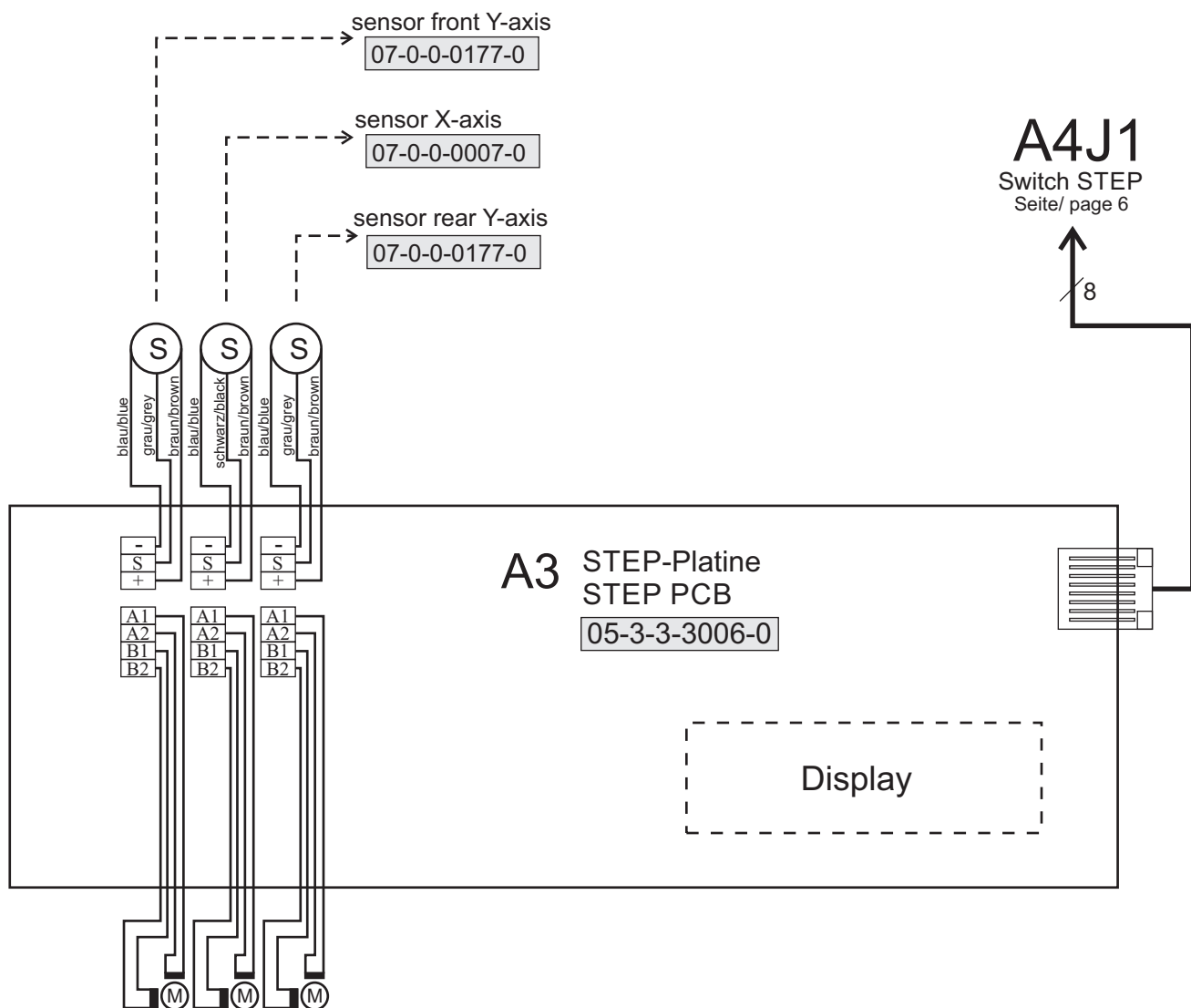
A2J2

A5J1

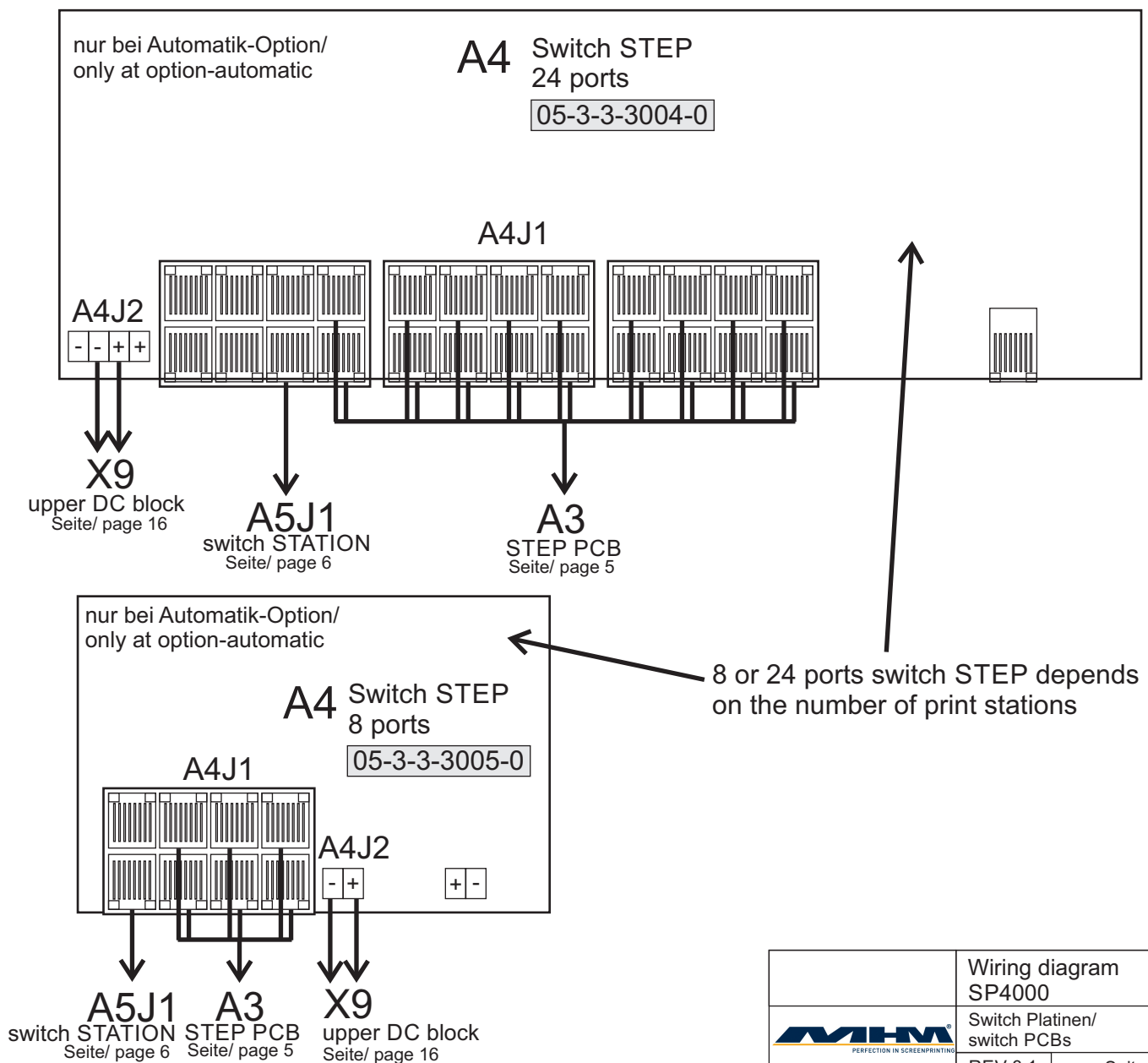
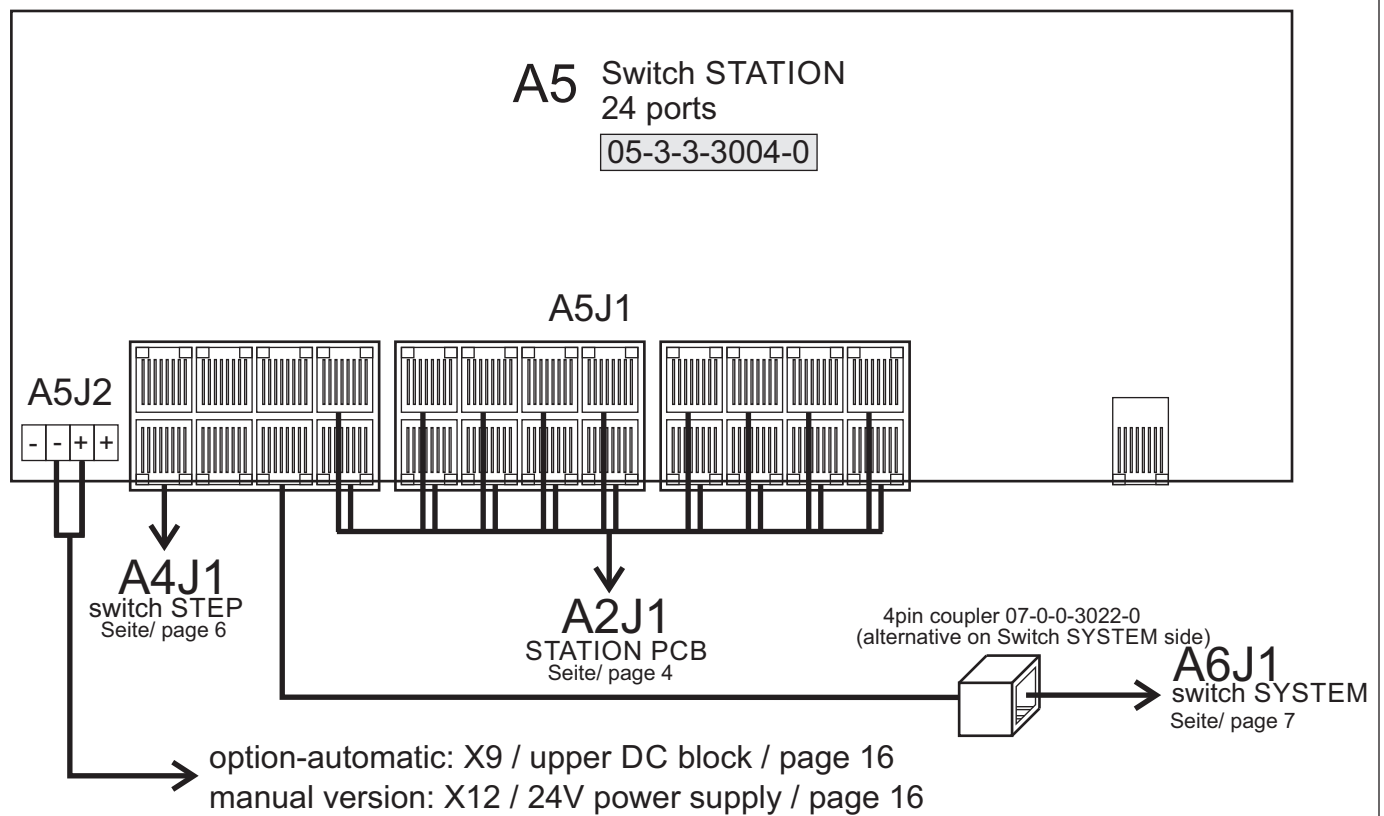
Switch STATION
Seite / page 6

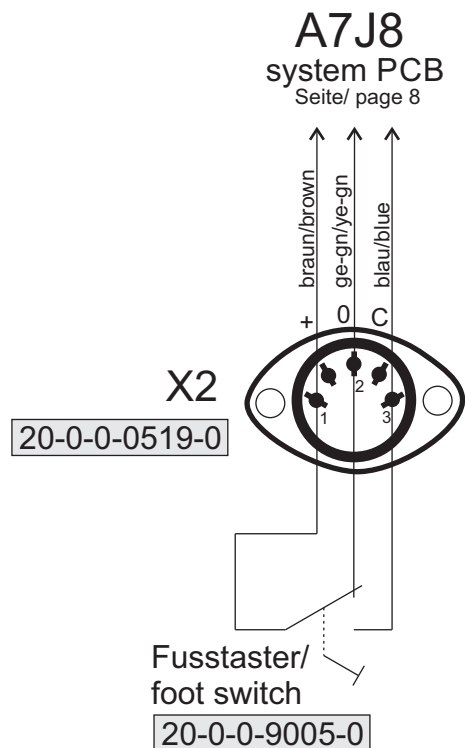
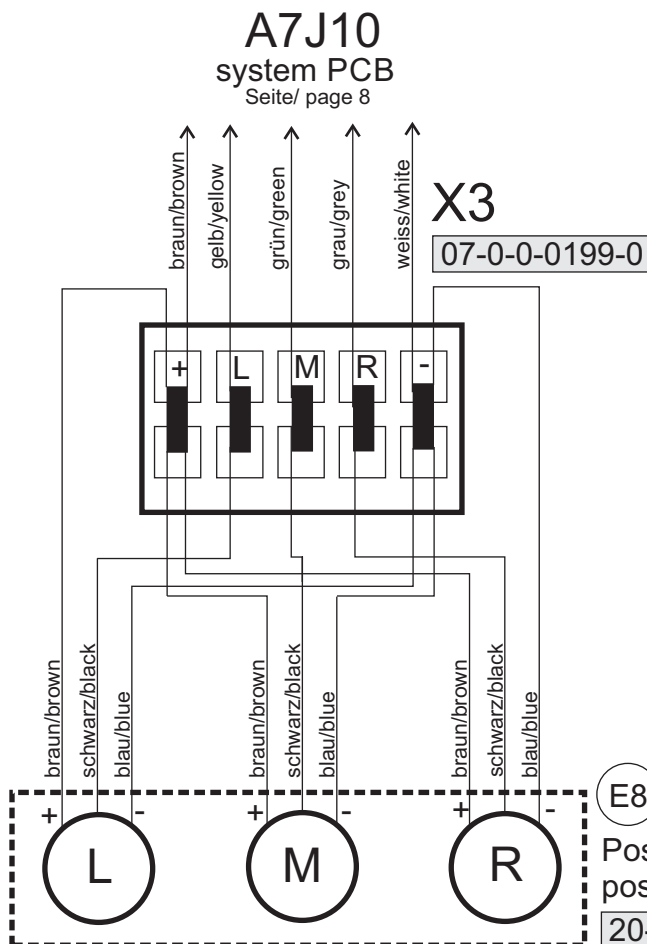
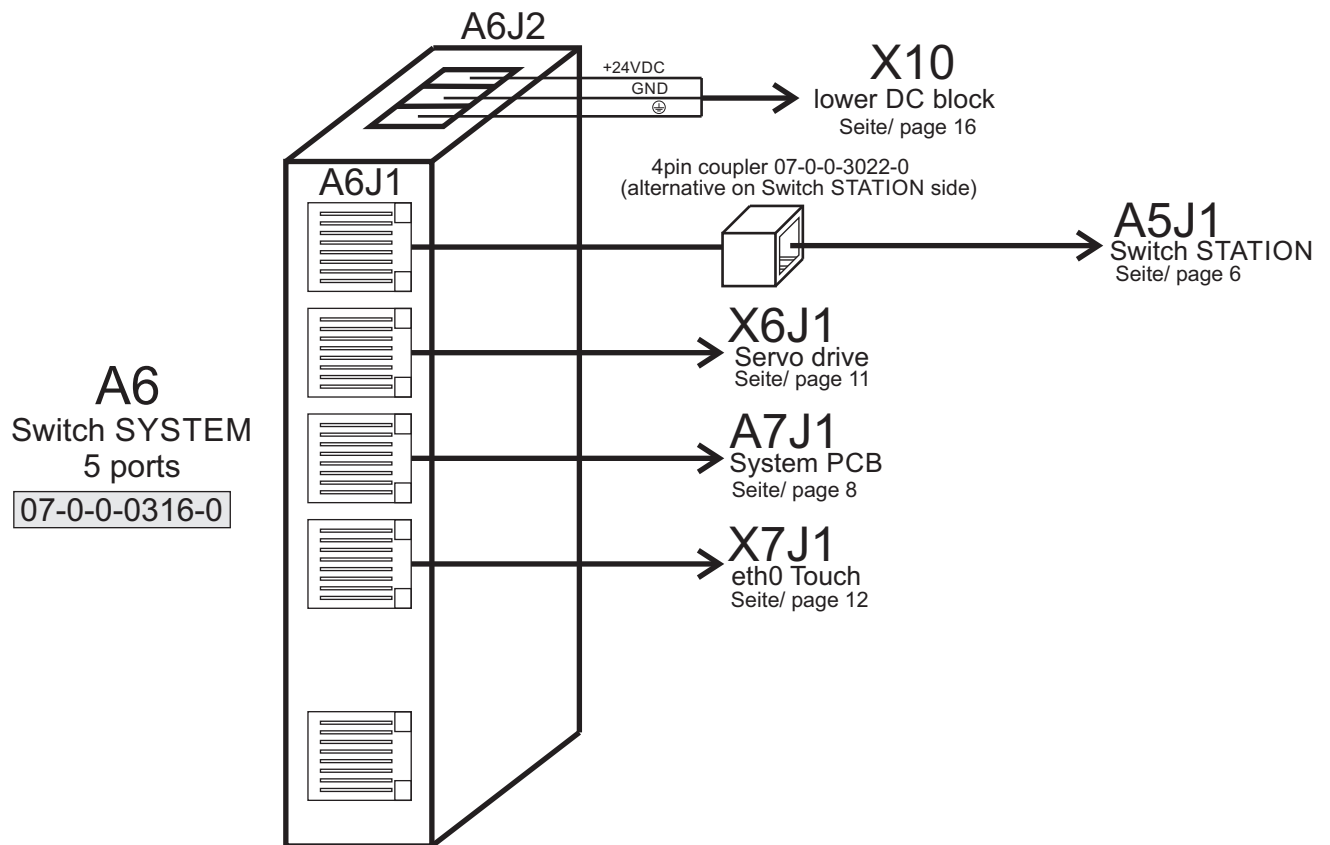
A1J1
POT PCB
Seite/ page 3

	Wiring diagram SP4000	
	Rakelarm Teil 2/ squeegee arm part 2	
	REV 3.1	Seite/page 4

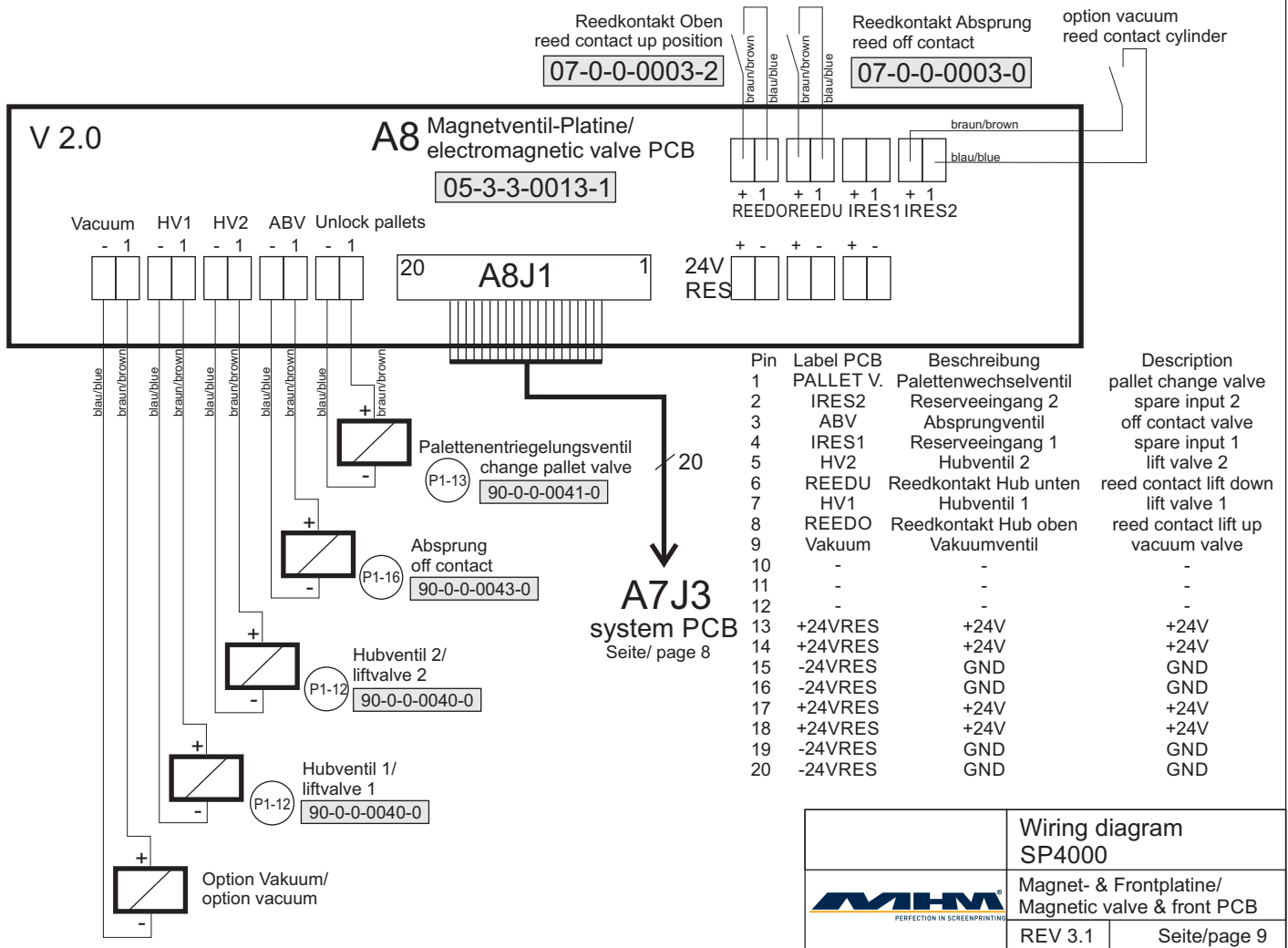
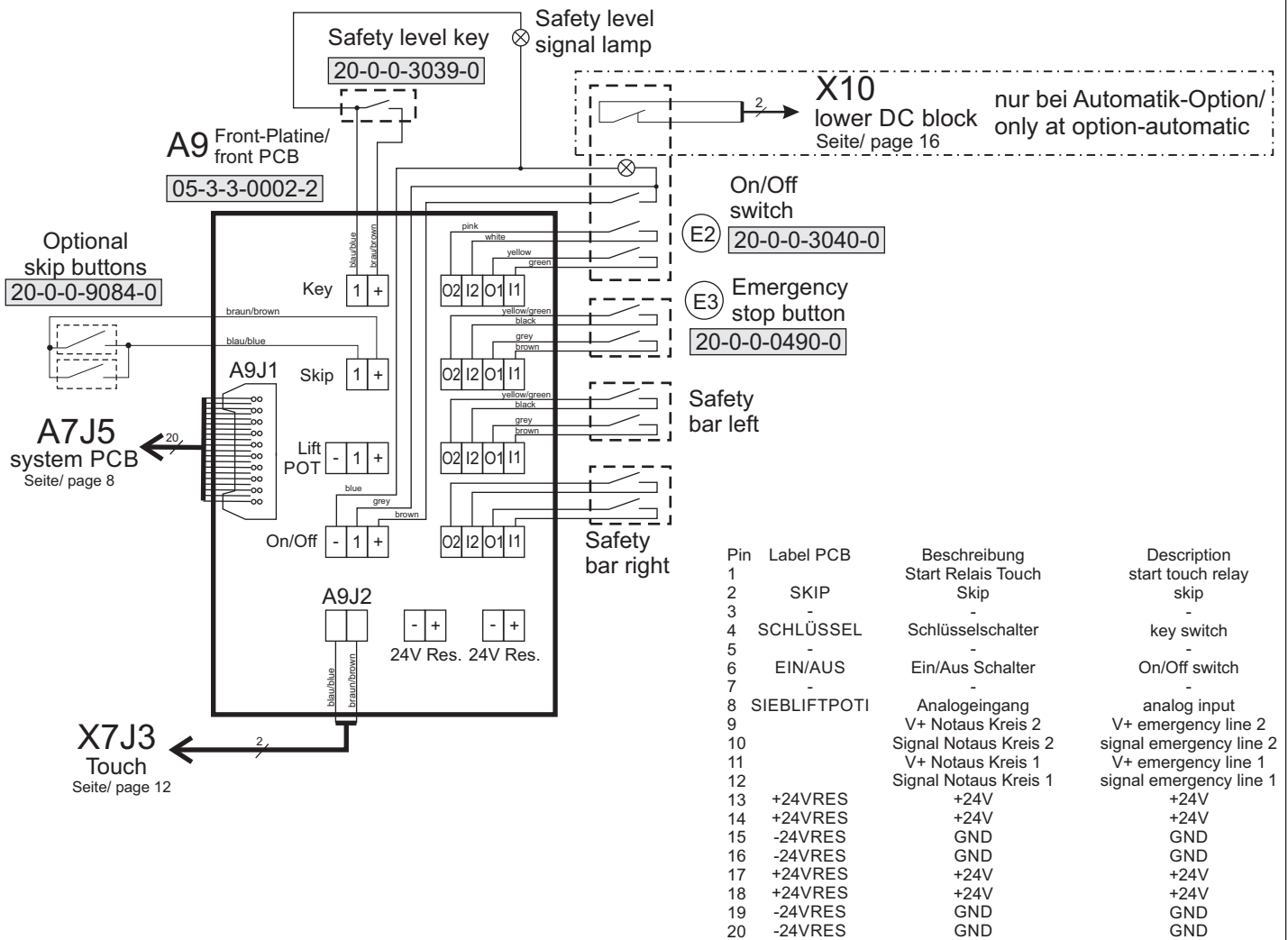


X-Achse/X-axis	orange/orange	rot/red	schwarz/black	violett/pink
Y-Achse/Y-axis PCB side	grün/green	weiss/white	rosa/violet	gelb/yellow
Y-Achse/Y-axis Motor side	gelb/yellow	orange/orange	braun/brown	schwarz/black



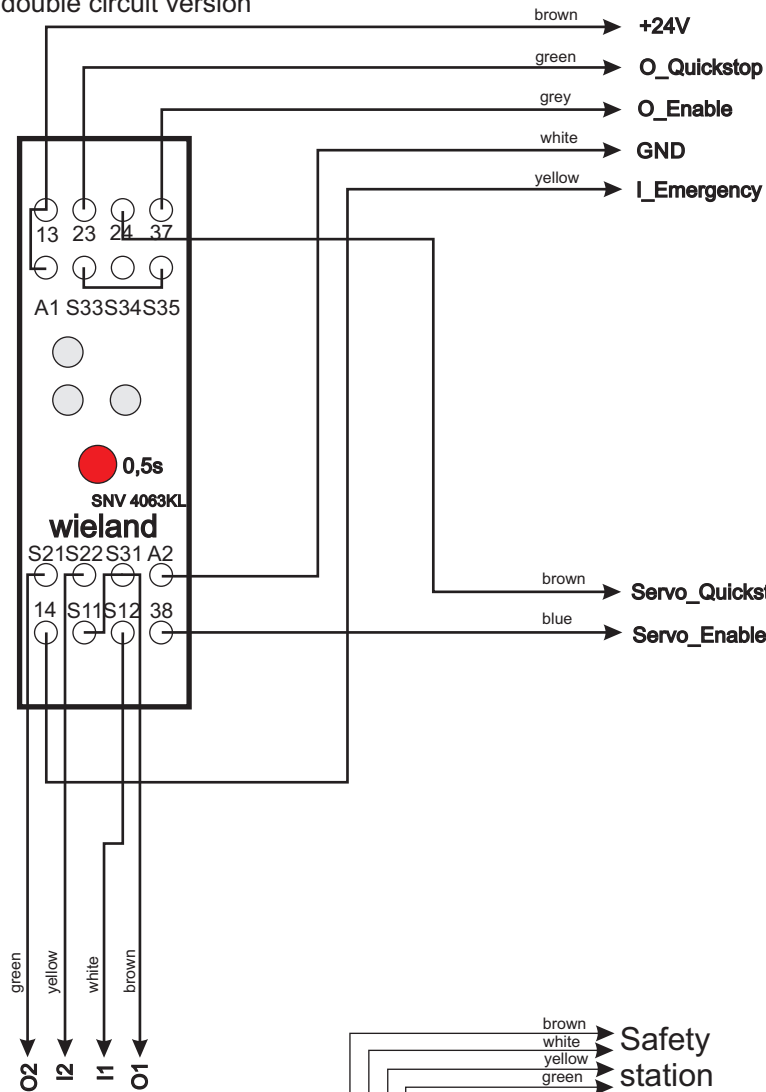


	Wiring diagram SP4000	
	Systemverdrahtung/ system wiring	
	REV 3.1	Seite/page 7



Zweikreisausführung/
double circuit version

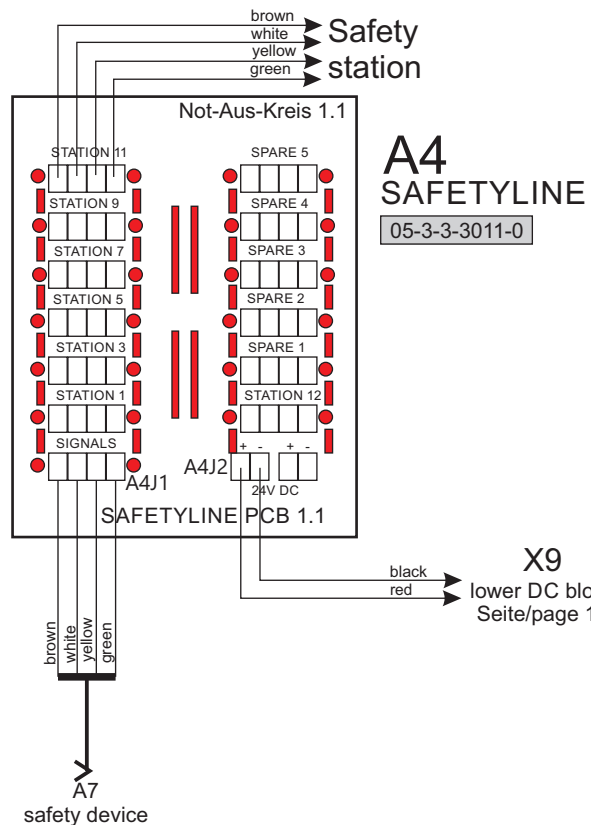
X5 Not-Aus Relais
safety device
07-0-0-0194-0



A7J7
system PCB
Seite/ page 8

X6J2
servo drive
Seite/ page 11

A7J6
system PCB
Seite/ page 8



A4
SAFETYLINE
05-3-3-3011-0

X9
lower DC block
Seite/page 16

A7
safety device

X6 Servoverstärker/ servodrive

07-0-0-3003-0

KEB F5V2

X2B

1	2
3	4
5	6
7	8
9	10

X2A

1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32

X10

lower DC block
Seite/ page 16

brown

+24V

blue

GND

blue

Servo_Enable

X5

safety device
Seite/ page 10

brown

Servo_Quickstop

X6J2

X6J1

KEB
COMBIVERT

A6J1

Switch SYSTEM
Seite/ page 7

X6J3

L1	L2	L3	++	--	PB	U	V	W	T1	T2
----	----	----	----	----	----	---	---	---	----	----

3

2

1

07-0-0-3002-0

T

braking resistor

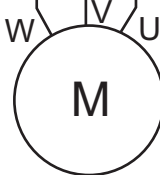
Q2

motor protection
Seite/ page 13/14

Drehgeber/
encoder

E7

20-0-0-0128-0

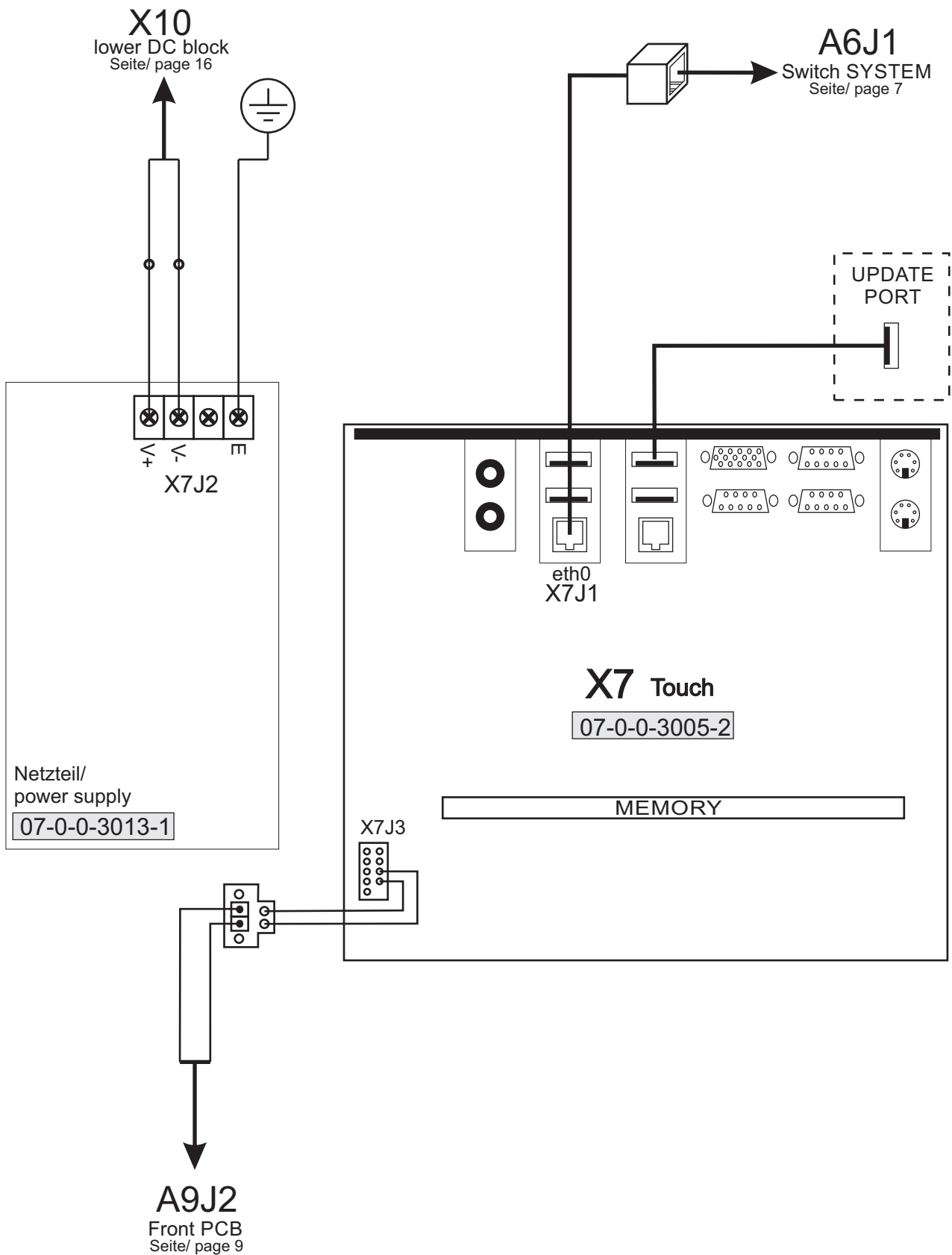


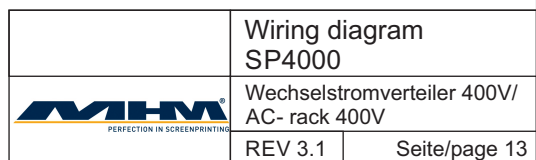
Resolver

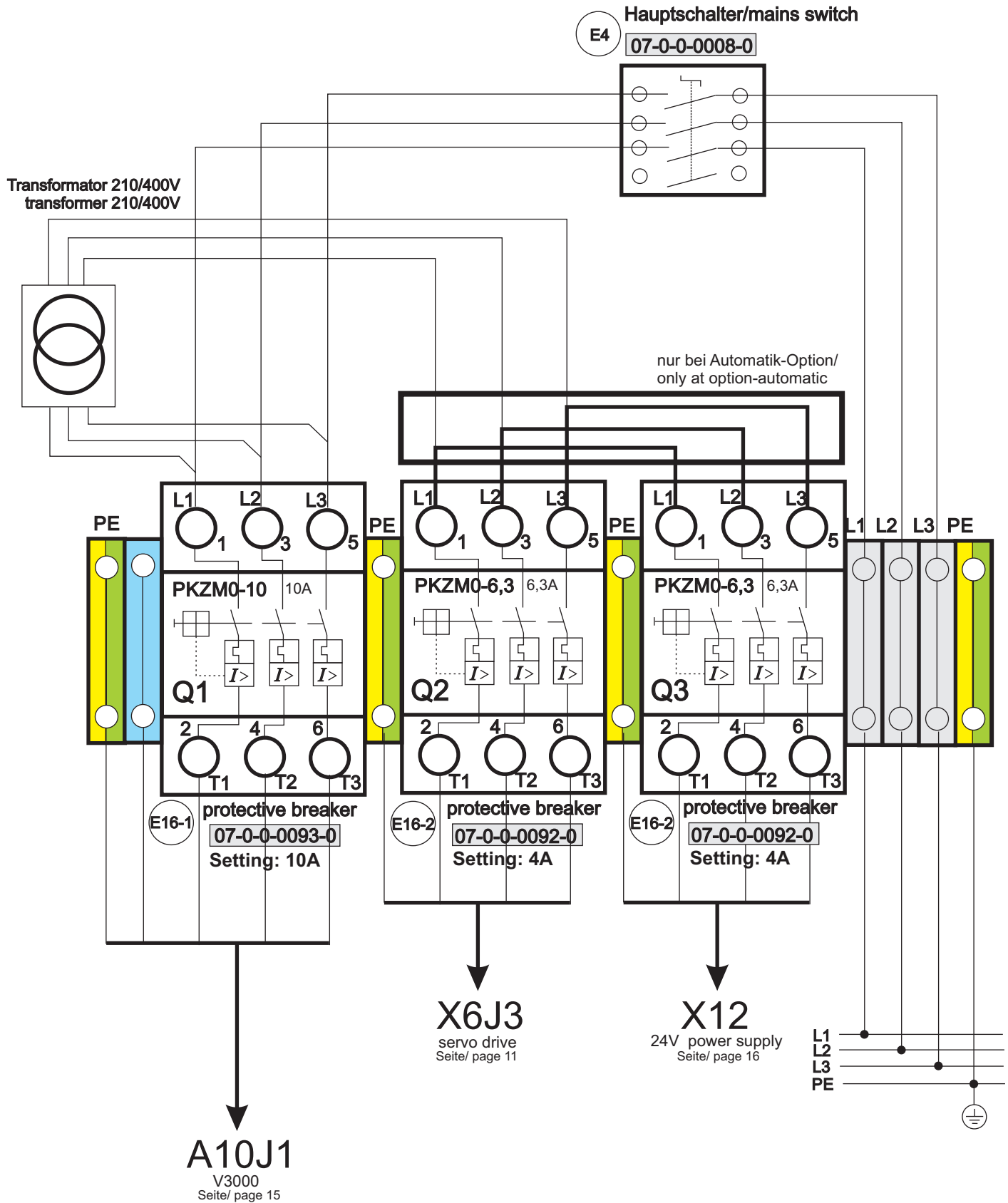
Antriebsmotor/
drive motor

E10

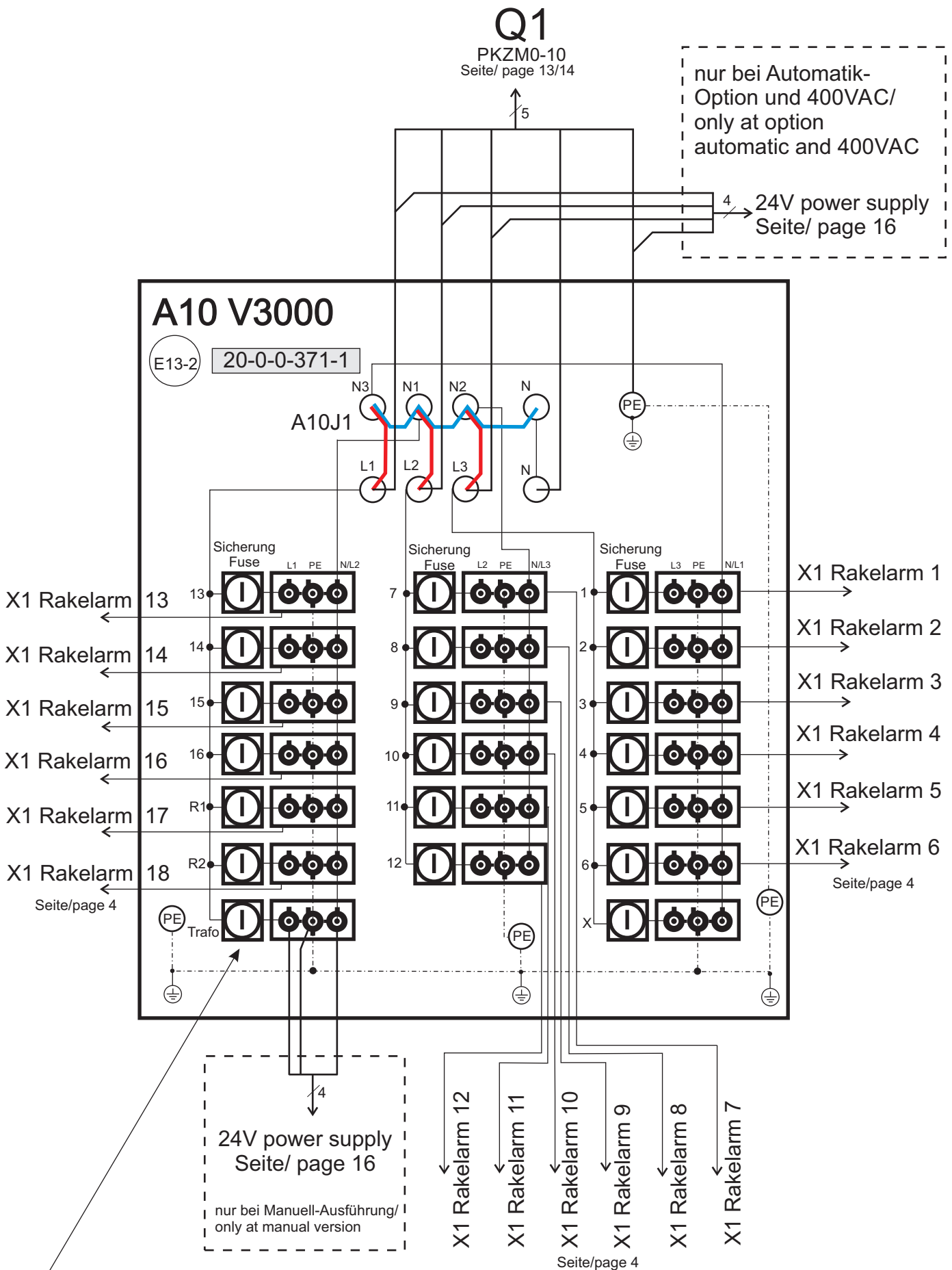
07-0-0-0161-1







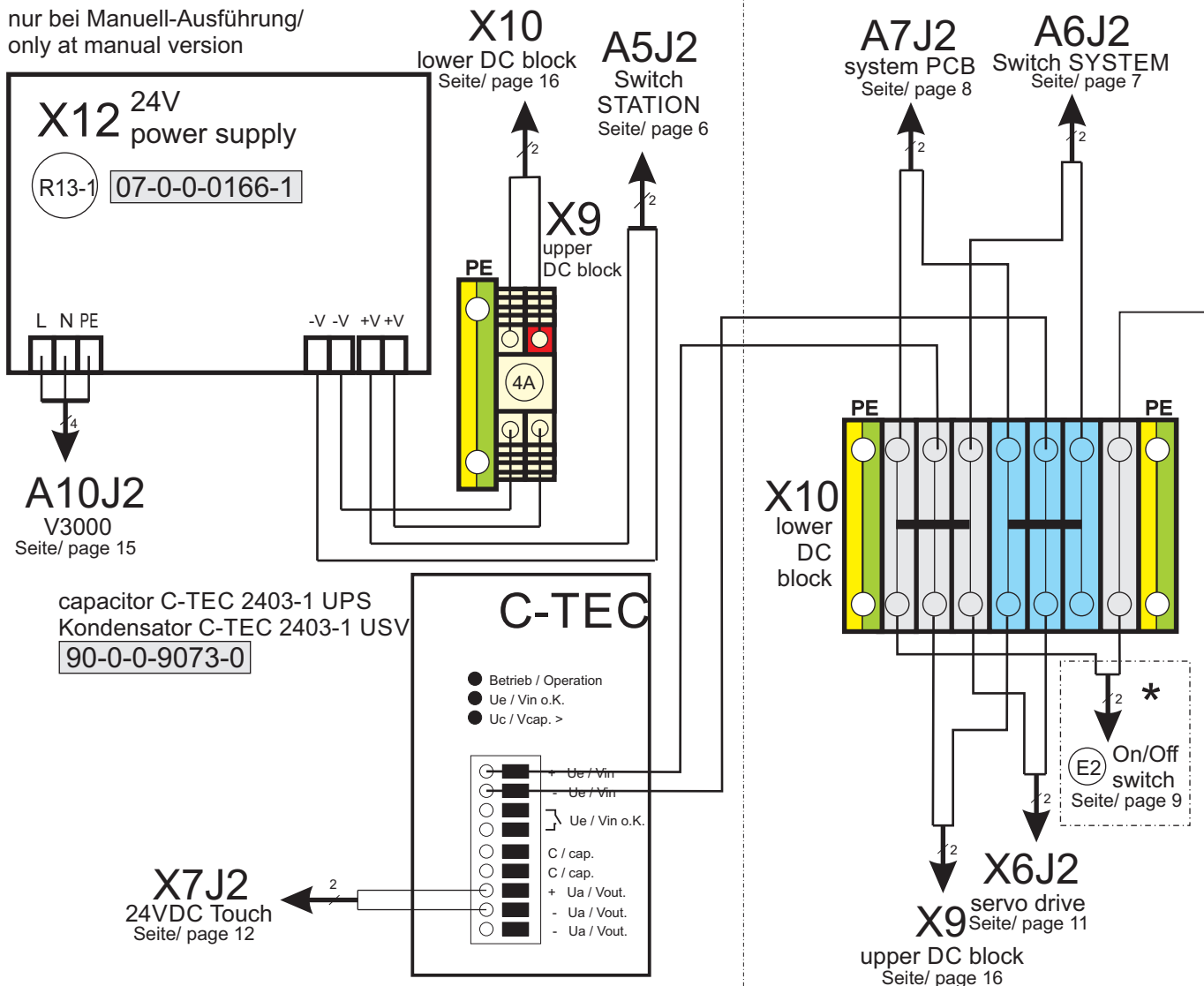
— Y-Schaltung/ Y-connection (3x400V)
 — △-Schaltung/ △-connection (3x210V)



Bei Y-Schaltung: 2A träge/ at Y-Connection: 2A Type T
 Bei △-Schaltung: 4A träge/ at △-Connection: 4A Type T

	Wiring diagram SP4000	
	AC Verteilerplatine/ AC distribution PCB	
REV 3.1	Seite/page 15	

nur bei Manuell-Ausführung/
only at manual version



nur bei Automatik-Option/ *
only at option-automatic

