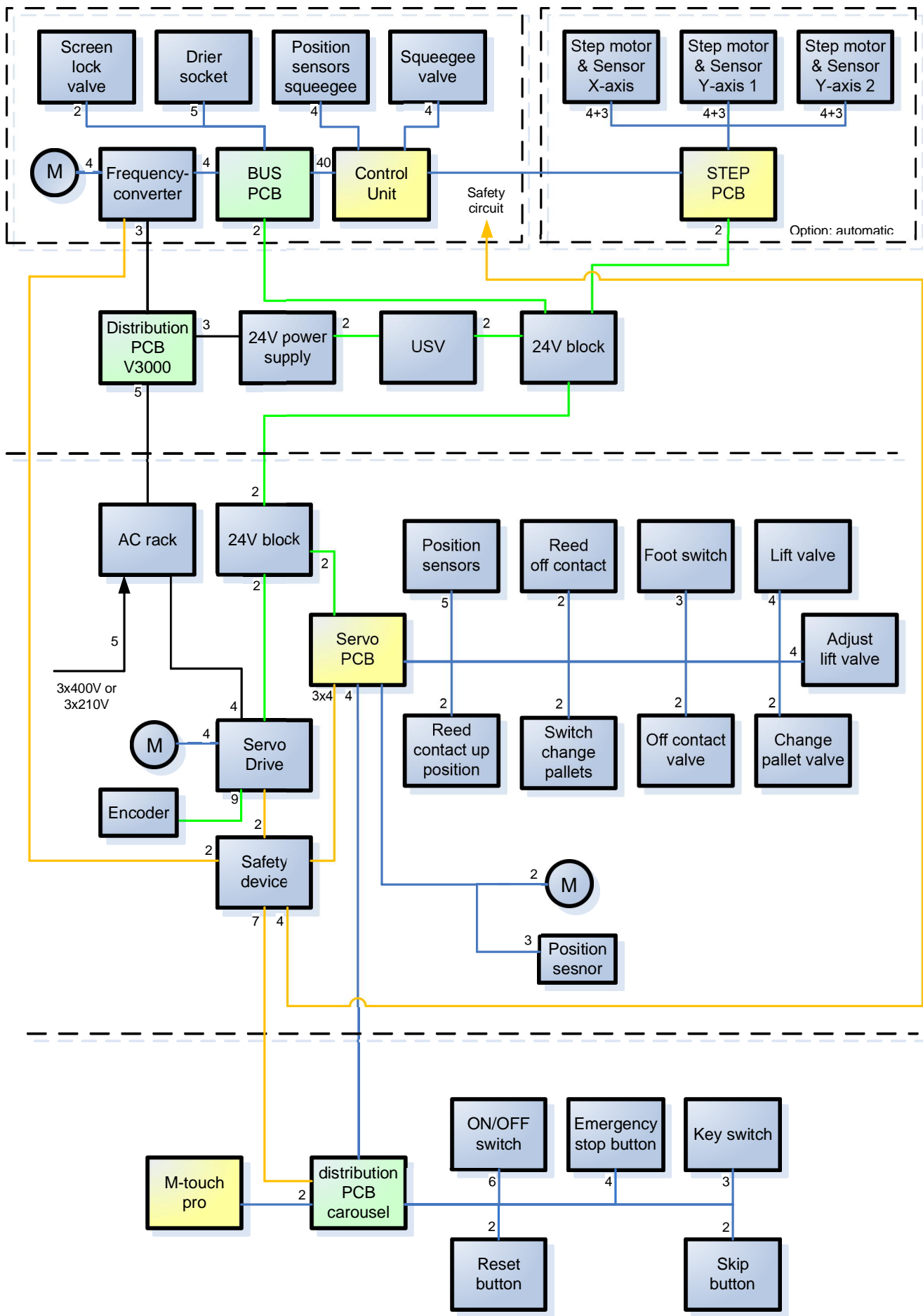


Verdrahtungsplan wiring diagram

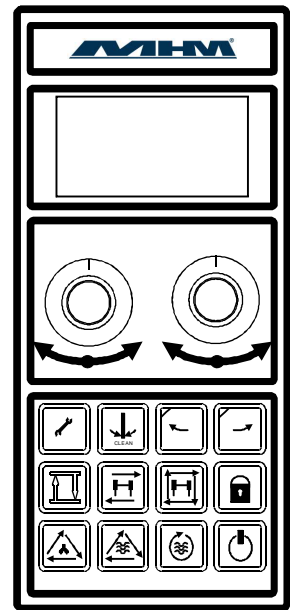
SP5000

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
Servo Platinen	6	servo PCB
Master Einheit	7	master unit
Not-Halt Relais & SK	8	safety device & circuit
Terminal Einheit	9	terminal unit
M-Touch Pro	10	m-touch pro
Servoverstärker	11	servo drive
Wechselstromverteiler 400V	12	AC- rack 400V
Wechselstromverteiler 210V	13	AC- rack 210V
AC Verteilerplatine	14	AC distribution PCB
24V Netzteil	15	24V power supply
Ringverkabelung Teil 1	16	ring wiring part 1
Ringverkabelung Teil 2	17	ring wiring part 2



Folientastatur Station/
keypad station

07-0-0-10002-0



A1
Station unit manual

REV2 20-0-0-0439-0

REV4 20-0-0-0439-1

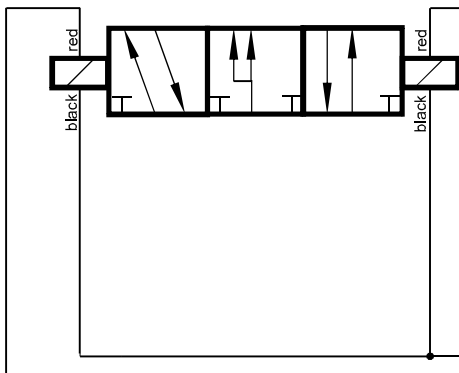
A1 & A2
Station unit automatic

REV2 20-0-0-0962-0

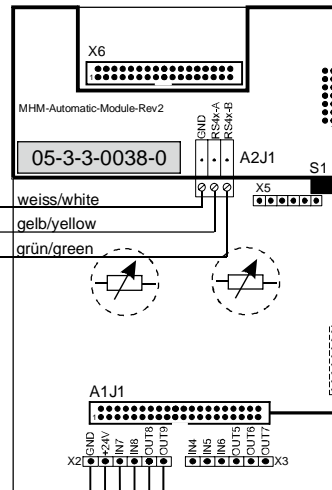
REV4 20-0-0-0439-1

Magnetventil Raket/
electromagnetic valve
squeegee

20-0-0-0760-0



X8
Ringleitung - Automatik
ring line automatic
Seite/page 17

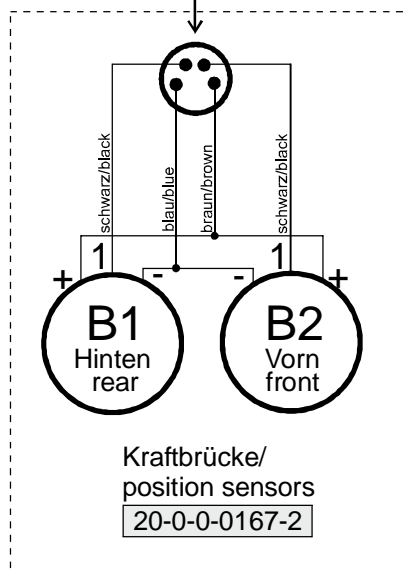
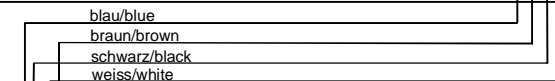


all stations switched off
on the first station switch on

A3J4
BUS PCB
Seite/page 4

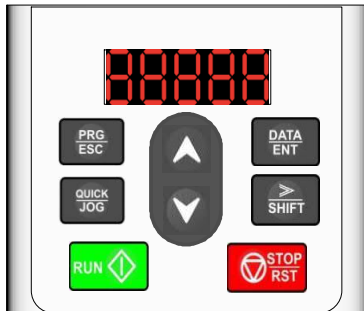
Kabel Raket/
cable squeegee

07-0-0-0005-2



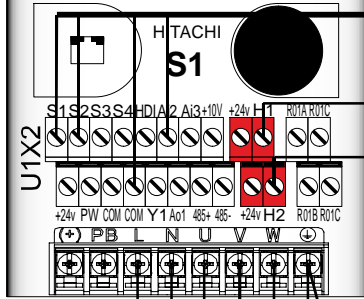
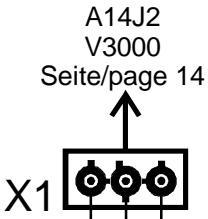
Kraftbrücke/
position sensors
20-0-0-0167-2

	Wiring diagram SP5000
	Raketarm Teil 1/ squeegee arm part 1
REV 1.14	Seite/page 3



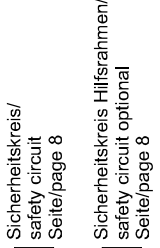
U1
Frequenzrichter
frequency converter
90-0-0-0133-7

FC	color	FU
analog	white	Ai2
COM	brown	COM
outwards	yellow	S1
inwards	green	S2

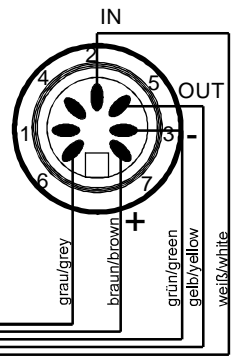


Motor Rakelarm/
squeegee arm motor
M1
90-0-0-0938-0

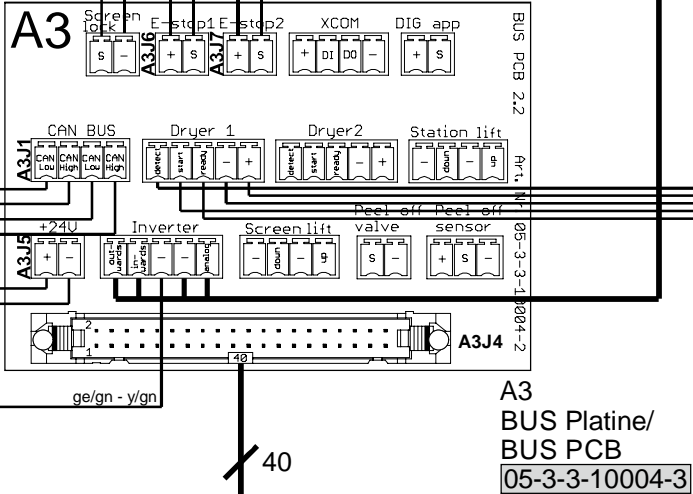
Erdungspunkt /
grounding point



Trocknerbuchse/
dryer socket
90-0-0-0135-0

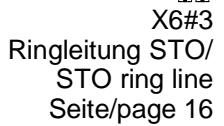
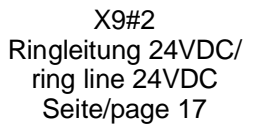
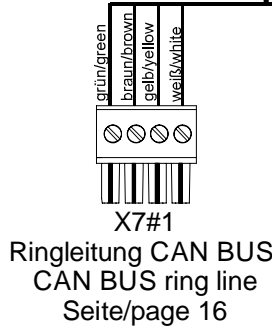


Magnetventil/
electromagnetic valve
Lock / Unlock
90-0-0-0912-0

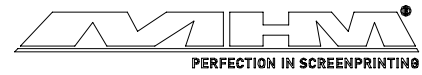
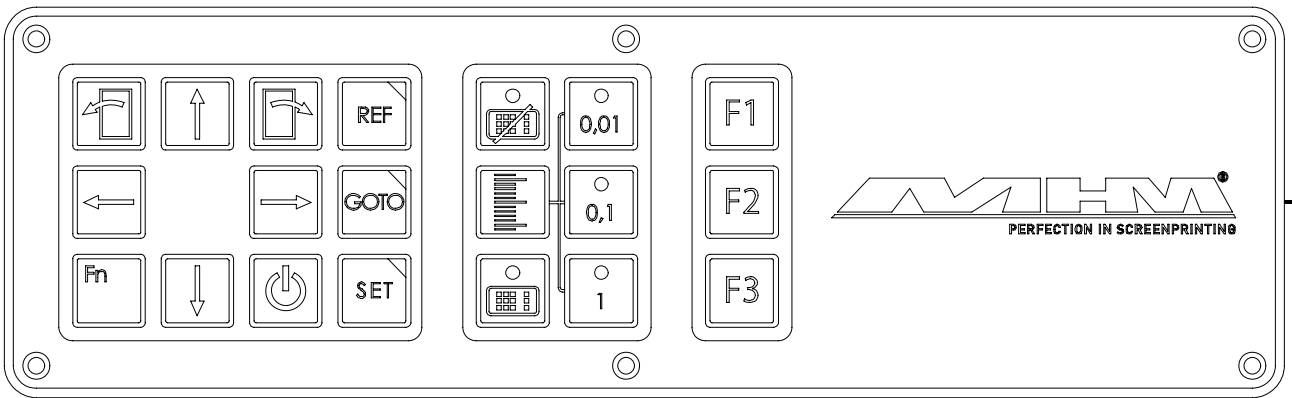


A3
BUS Platine/
BUS PCB
05-3-3-10004-3

A1J1
Unit Control
Seite/page 3

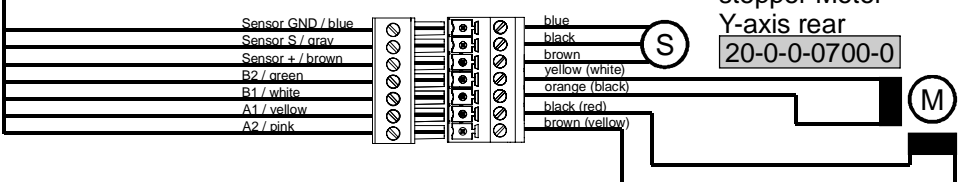
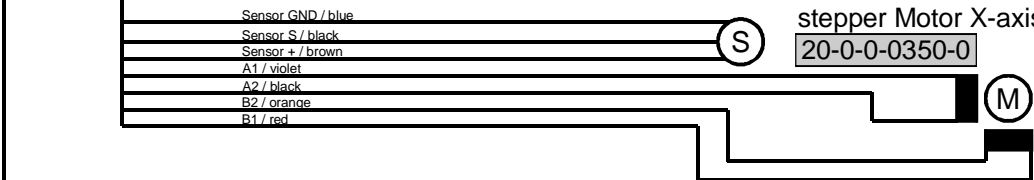
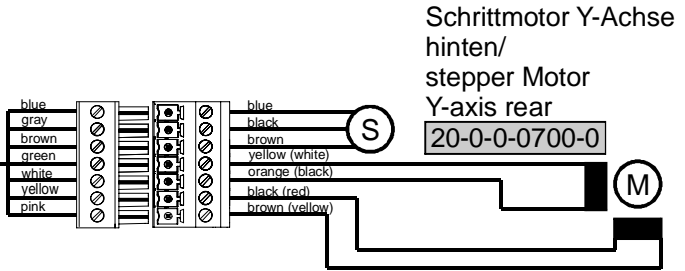
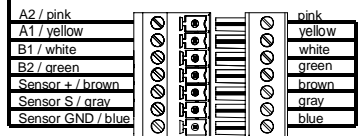
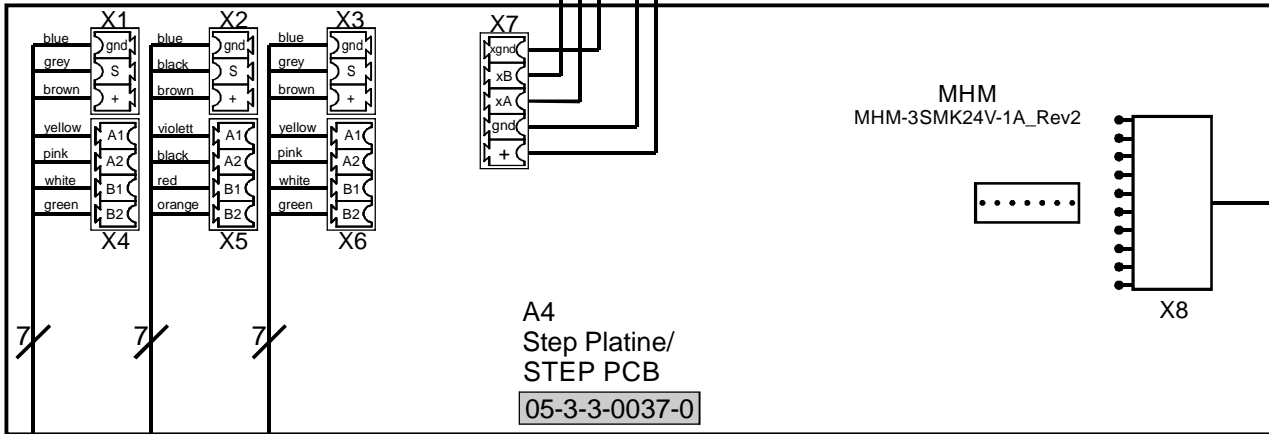


Folientastatur/
foil keyboard
20-0-0-0943-0



X8#4
Ringleitung - Automatik
ring line automatic
Seite/page 17

10

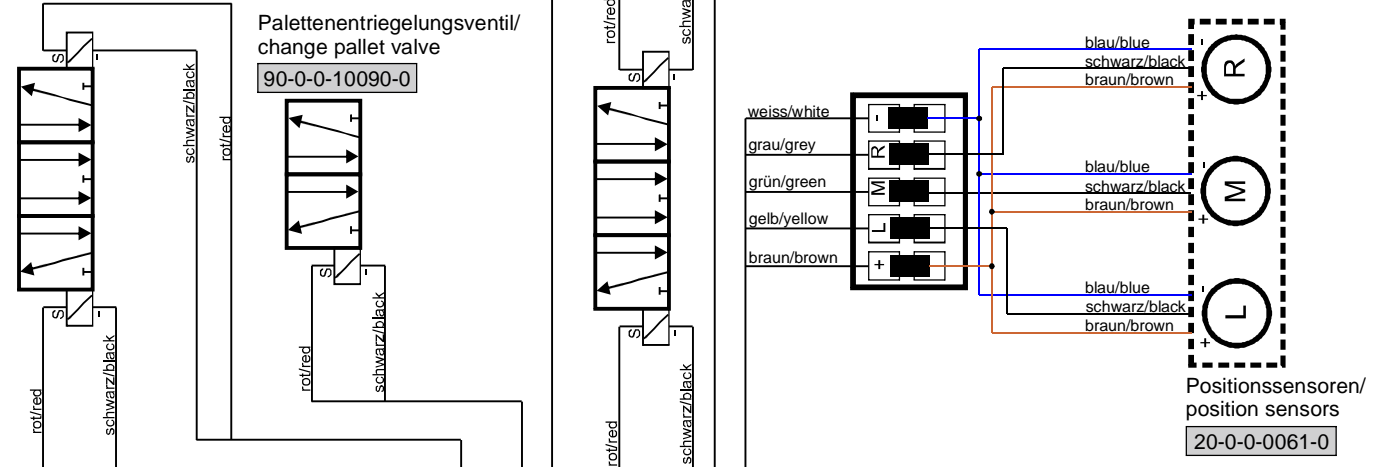


Adjust Hubventil/
adjust lift valve
06-0-0-0348-0

Palettenentriegelungsventil/
change pallet valve
90-0-0-10090-0

Hubventil/
lift valve
06-0-0-0348-0

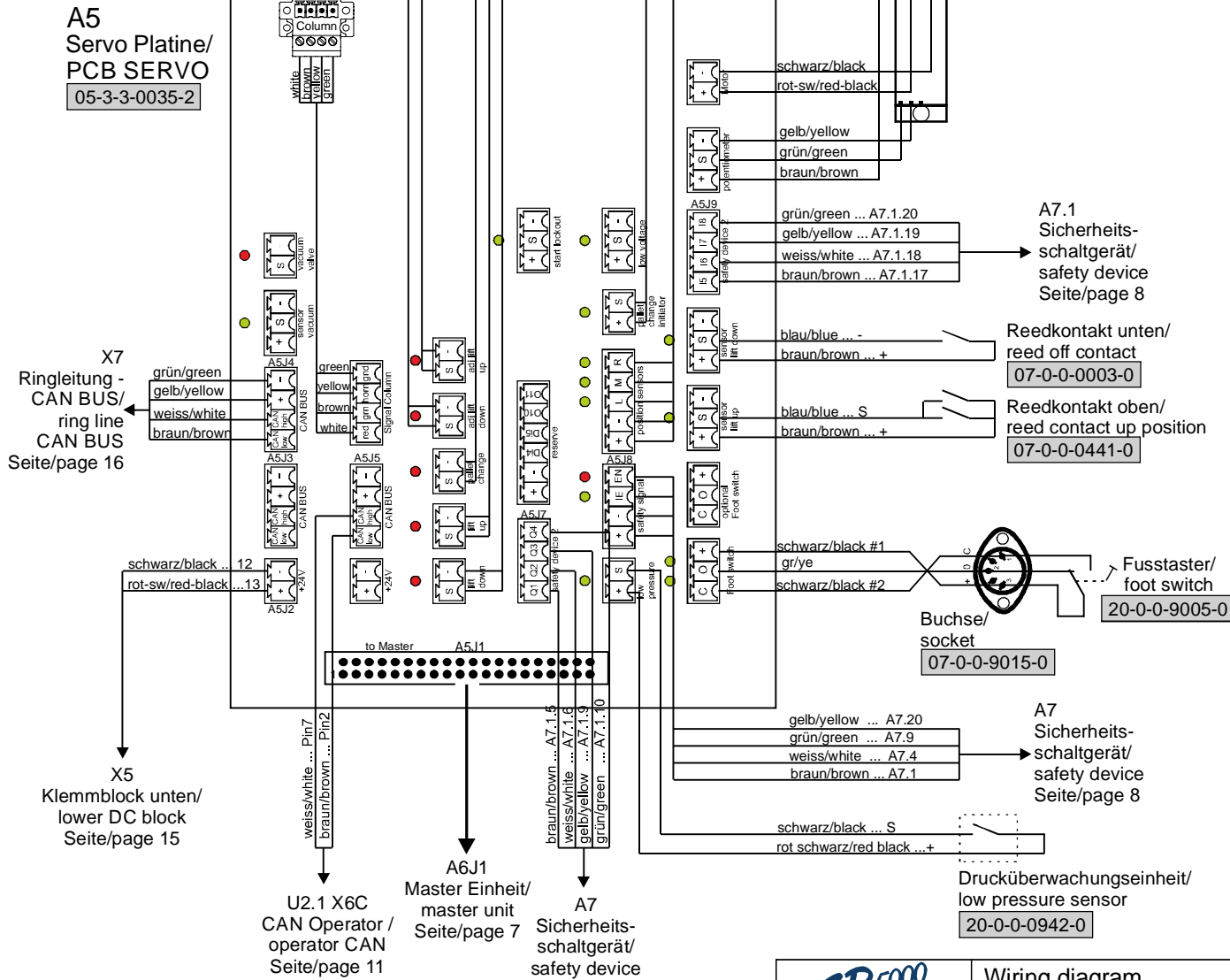
Palettenwechsel Sensor/
change pallet sensor
07-0-0-0020-0



Signalsäule/
signal column
07-0-0-15014-0

A5
Servo Platine/
PCB SERVO
05-3-3-0035-2

Motor Abstrung/
off contact motor
90-0-0-0943-0



X7
Ringleitung -
CAN BUS -
ring line
CAN BUS
Seite/page 16

X5
Klemmblock unten/
lower DC block
Seite/page 15

U2.1 X6C
CAN Operator /
operator CAN
Seite/page 11

A6J1
Master Einheit/
master unit
Seite/page 7

A7
Sicherheits-
schaltgerät/
safety device
Seite/page 8

A7.1
Sicherheits-
schaltgerät/
safety device
Seite/page 8

Reedkontakt unten/
reed off contact
07-0-0-0003-0

Reedkontakt oben/
reed contact up position
07-0-0-0441-0

Fusstaster/
foot switch
20-0-0-9005-0

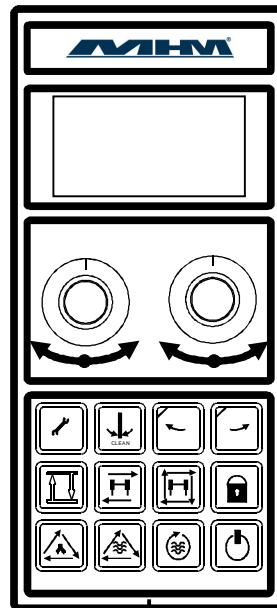
Buchse/
socket
07-0-0-9015-0

A7
Sicherheits-
schaltgerät/
safety device
Seite/page 8

Drucküberwachungseinheit/
low pressure sensor
20-0-0-0942-0

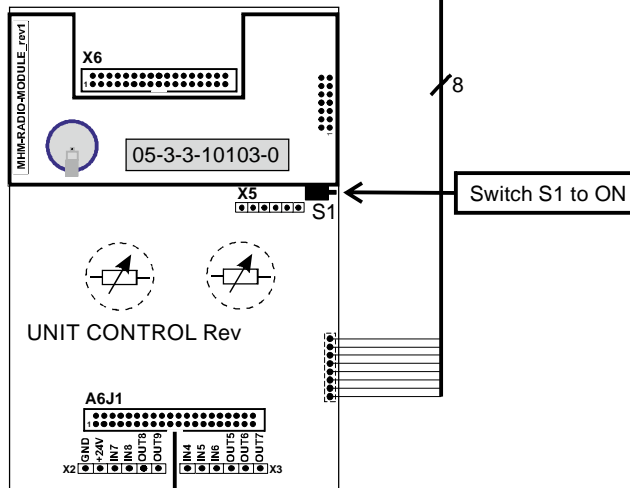
Folientastatur Station/
keypad station

07-0-0-10002-0



A6
Master Einheit/
master unit

REV2 20-0-0-0438-0
REV4 20-0-0-0438-1



8

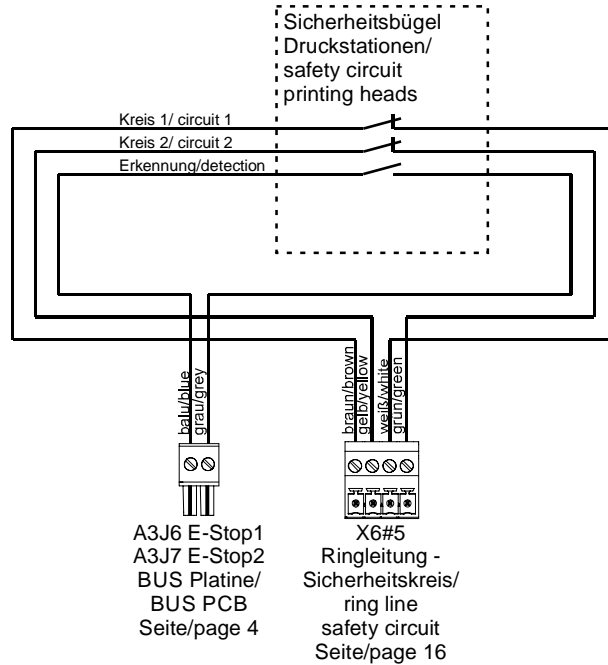
Switch S1 to ON

40

A5J1
Servo Platine
servo PCB
Seite/page 6

	Wiring diagram SP5000
	Master Einheit/ master unit
	REV 1.14 Seite/page 7

Sicherheitskreis -
Druckstation
safety circuit -
printing station

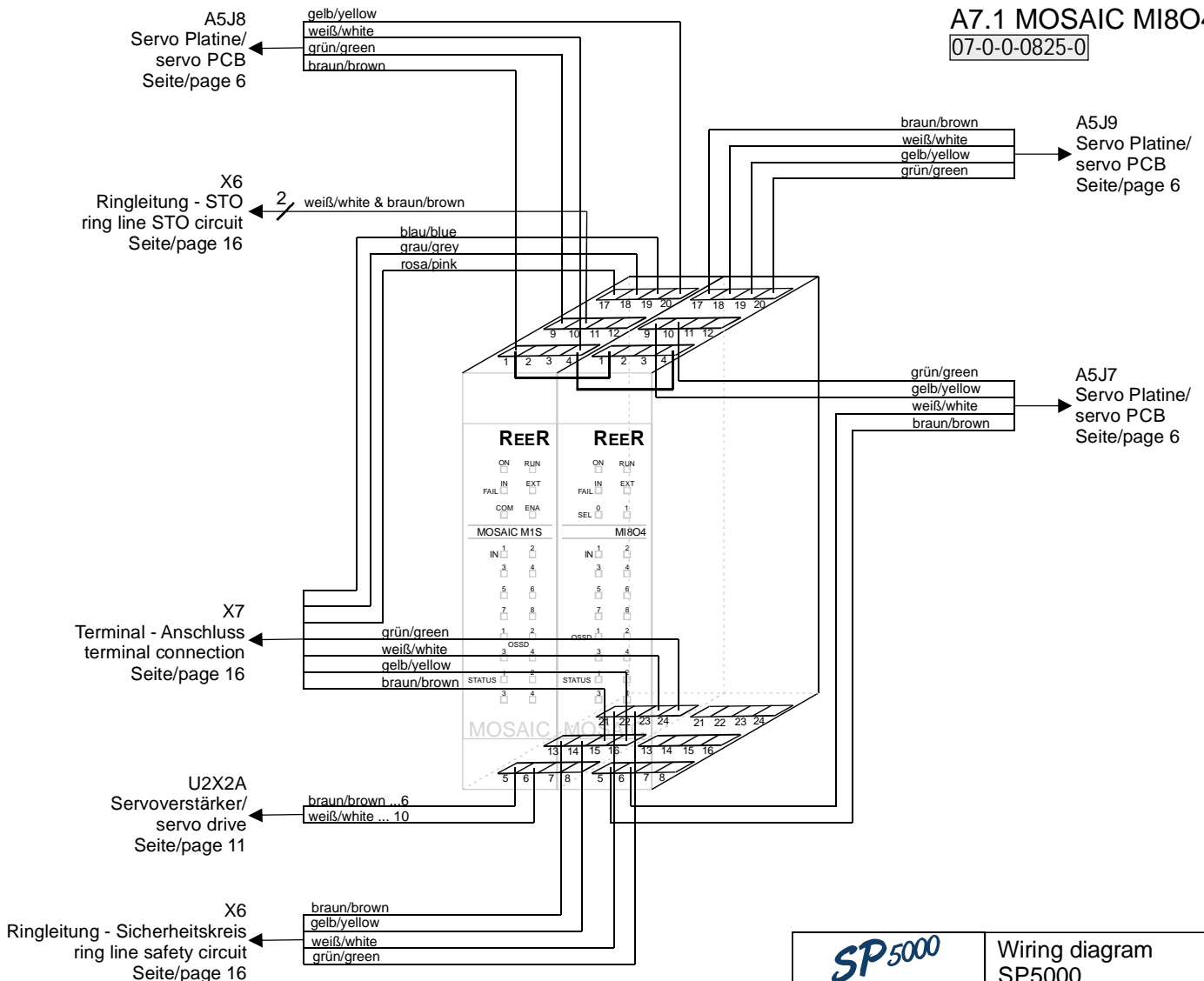


A7 MOSAIC M1C/
Sicherheitschaltgerät
safety device

07-0-0-0824-0

A7.1 MOSAIC MI804

07-0-0-0825-0



SP5000

Wiring diagram
SP5000

MHM
PERFECTION IN SCREENPRINTING

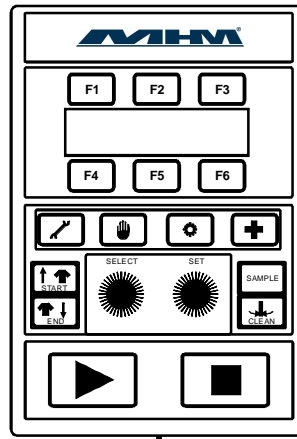
Not Halt Relais & Sicherkreis/
safety device & safety circuit

REV 1.14

Seite/page 8

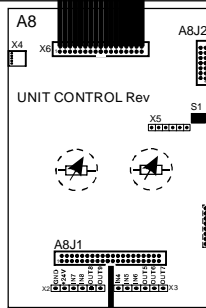
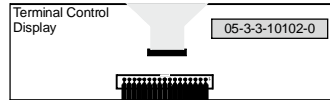
Folientastatur Terminal Front/
keypad terminal front

07-0-0-10003-0



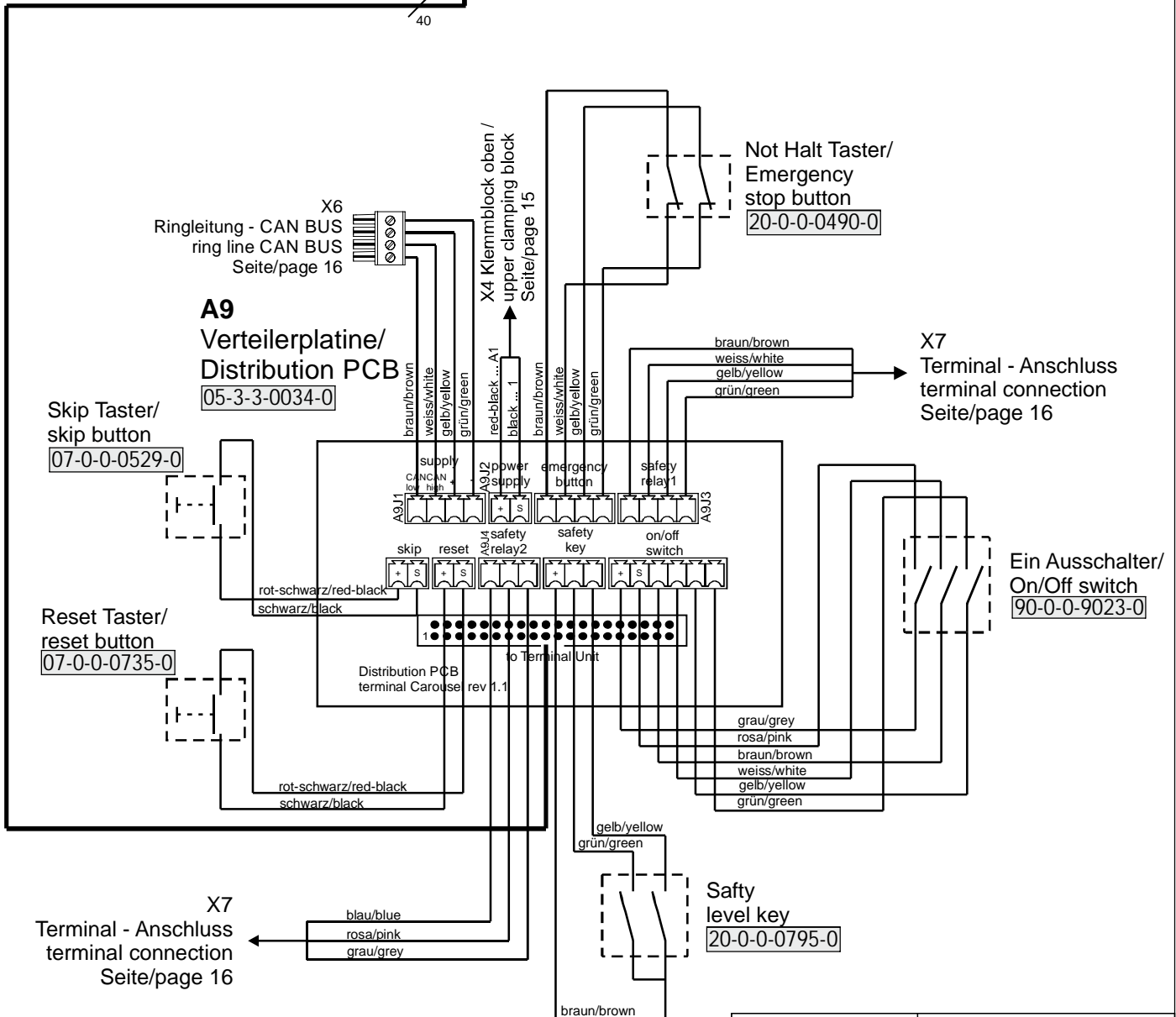
A8
Terminal unit

REV2 20-0-0-0437-0
REV4 20-0-0-0437-1



A12X3
Terminal Modul
Seite/page 10

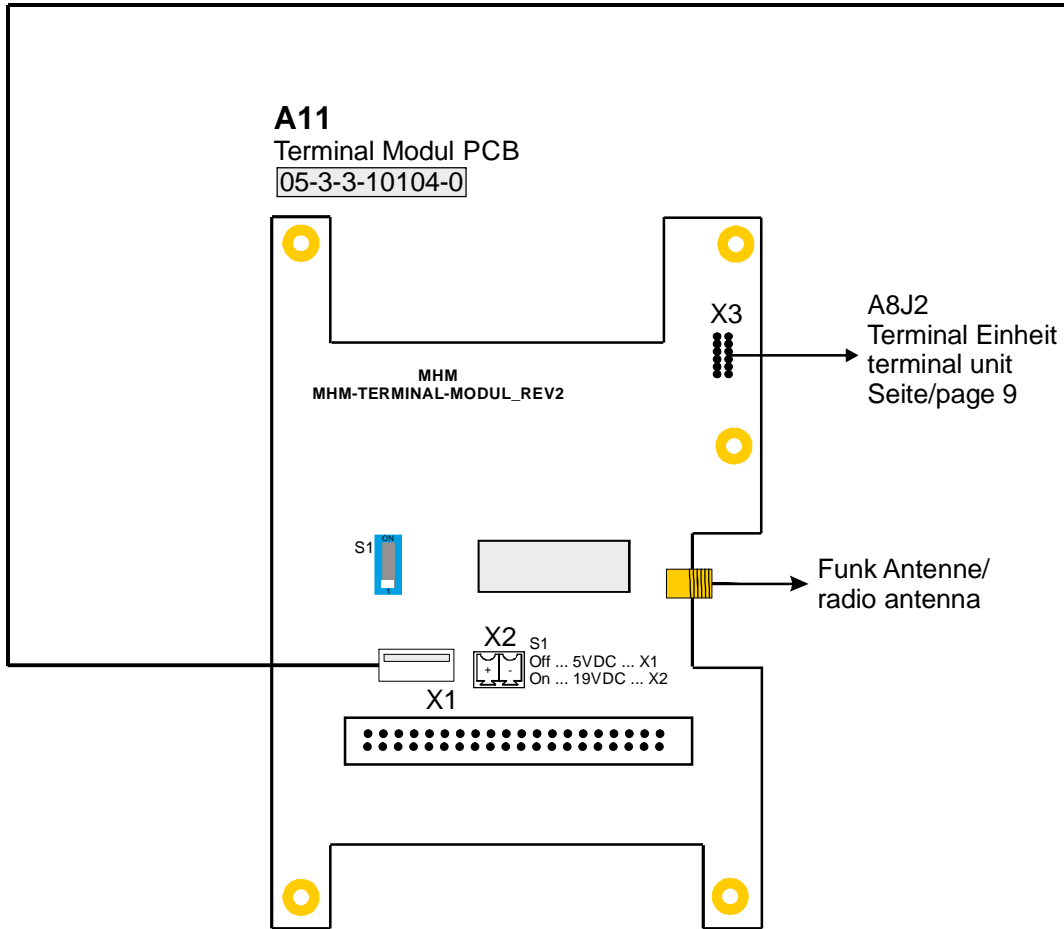
Switch S1 to OFF





A10
 Samsung Galaxy Tab A8
 07-0-0-0823-0



A11
 Terminal Modul PCB
 05-3-3-10104-0

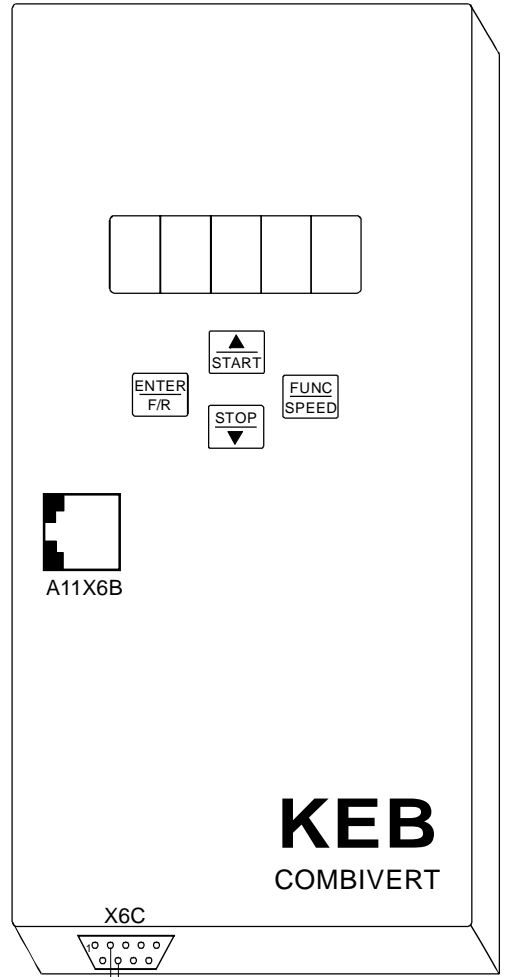


	Wiring diagram SP5000	
		
	M-Touch Pro/ m-touch pro	
	REV 1.14	Seite/page 10

U2
 Servoverstärker/
 servo drive
 07-0-0-3003-0

U2.1
 CAN Operator/
 operator CAN
 90-0-0-3002-1

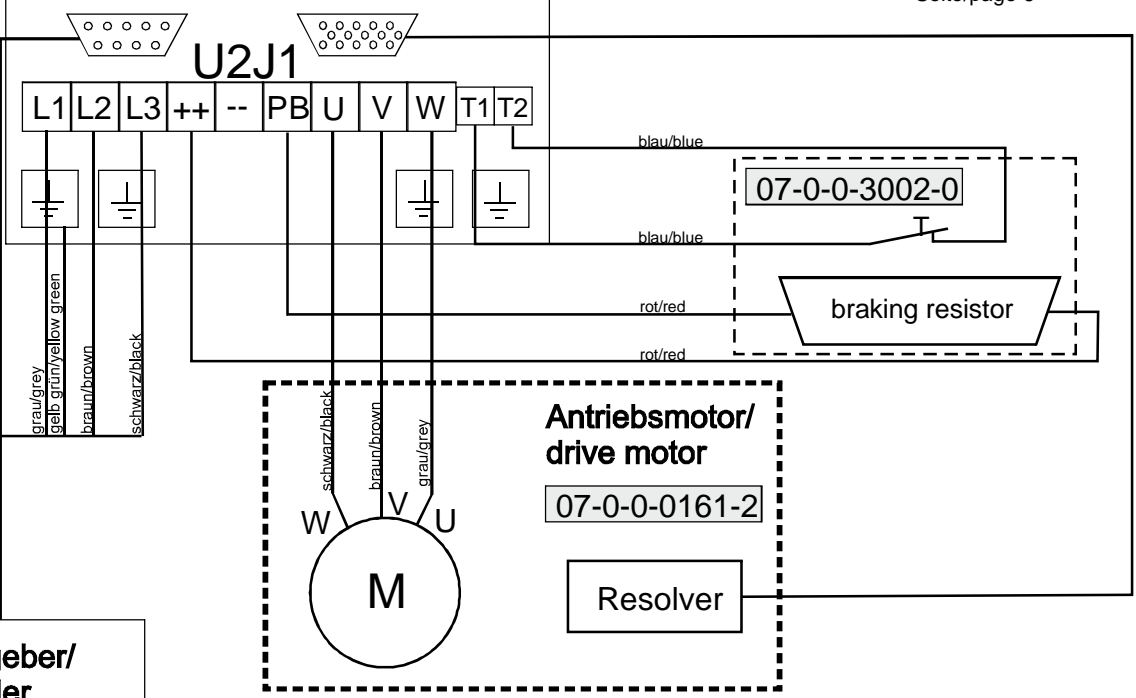
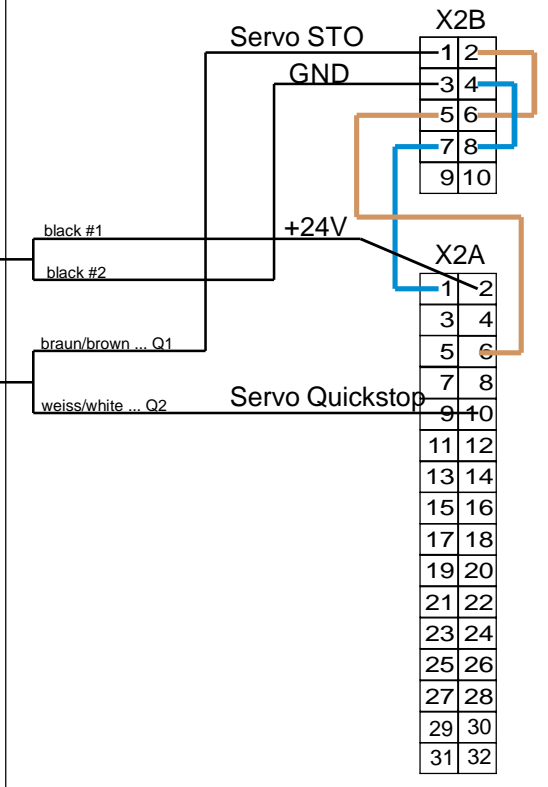
KEB F5V2



KEB COMBIVERT

A5J5
 Servo Platine/
 servo PCB
 Seite/page 6

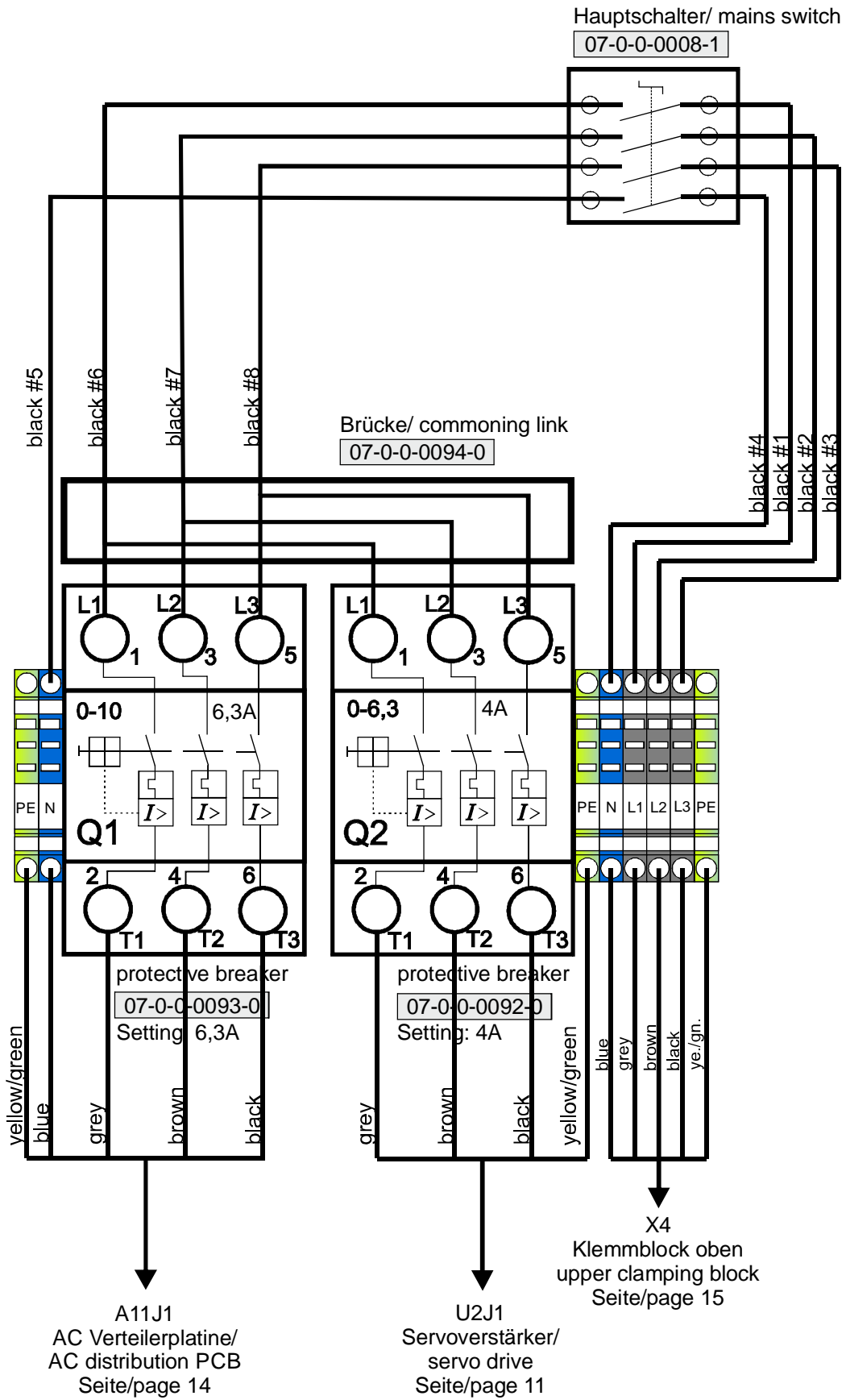
X5
 Klemmblock unten/
 lower DC block
 Seite/ page 15
 A7
 Sicherheitsschaltgerät/
 safety device
 Seite/page 8

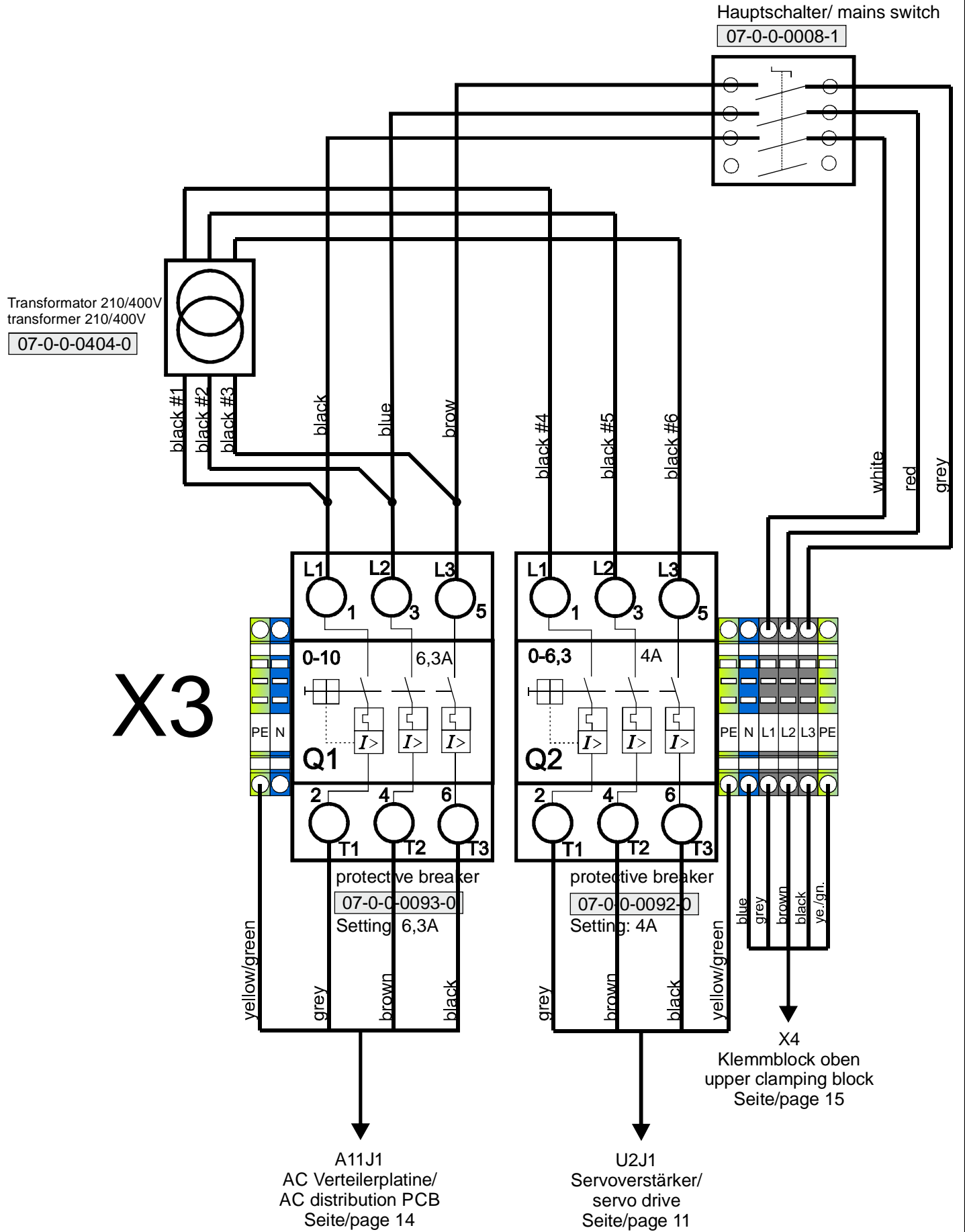


X3Q2
 Motorschutzschalter/
 motor protection
 Seite/ page 12-13

Drehgeber/
 encoder
 20-0-0-0128-0

X3



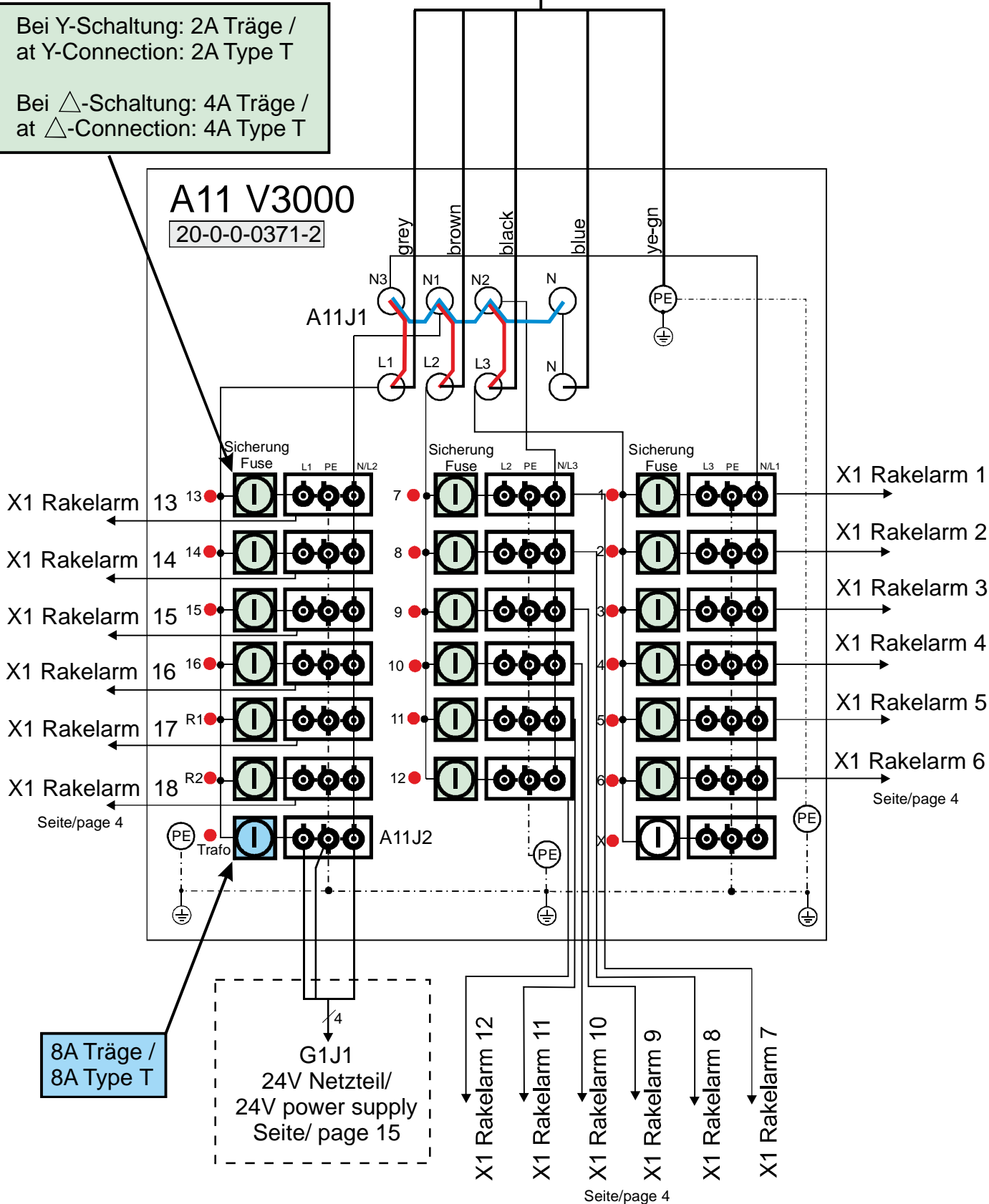


— Y-Schaltung/ Y-connection (3x400V)
— Δ -Schaltung/ Δ -connection (3x210V)

X3Q1
 Motorschutzschalter/
 protective breaker
 Seite/page 12-13

Bei Y-Schaltung: 2A Trage /
 at Y-Connection: 2A Type T

 Bei Δ -Schaltung: 4A Trage /
 at Δ -Connection: 4A Type T

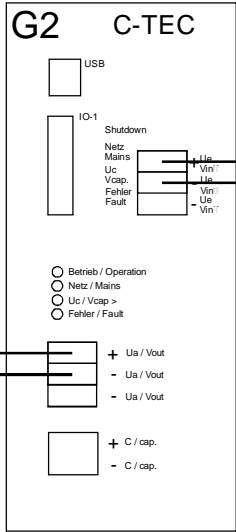


8A Trage /
 8A Type T

SP5000	Wiring diagram SP5000
MHM <small>PERFECTION IN SCREENPRINTING</small>	AC Verteilerplatine/ AC distribution PCB
REV 1.14	Seite/page 14

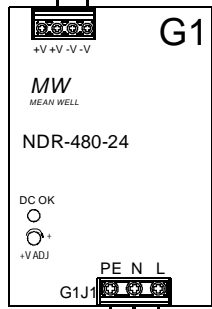
Kondensator C-TEC 2420-8 USV
capacitor C-TEC 2420-8 UPS

07-0-0-0540-0



Netzteil 20A/
supply power 20A

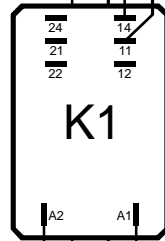
07-0-0-0166-1



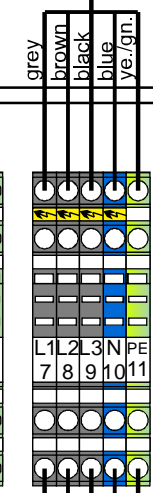
A11J2 Trafo
AC Verteilerplatte/
AC distribution PCB
Seite/ page 14

Relais 24V 30A/
relay 24V 30A

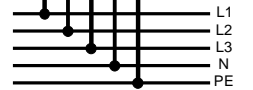
07-0-0-0605-0



X3
Wechselstromverteiler
400V/210V
AC - rack 400V/210V
Seite/page 12-13



Klemmblock oben/
upper clamping block



schwarz/black

rot/red

A9J2
Verteilerplatte/
distribution PCB
Seite/page 9

X8
24VDC
Ringleitung - Automatik/
ring line automatic
Seite/page 17
nur bei Automatik-Option/
only at optional automatic

X9
Ringleitung - 24VDC/
ring line - 24VDC
Seite/page 17

X5
Klemmblock unten/
lower DC block



A5J2
Servo Platine/
servo PCB
Seite/page 6

U2X2A
Servoverstärker/
servo drive
Seite/page 11



Wiring diagram
SP5000

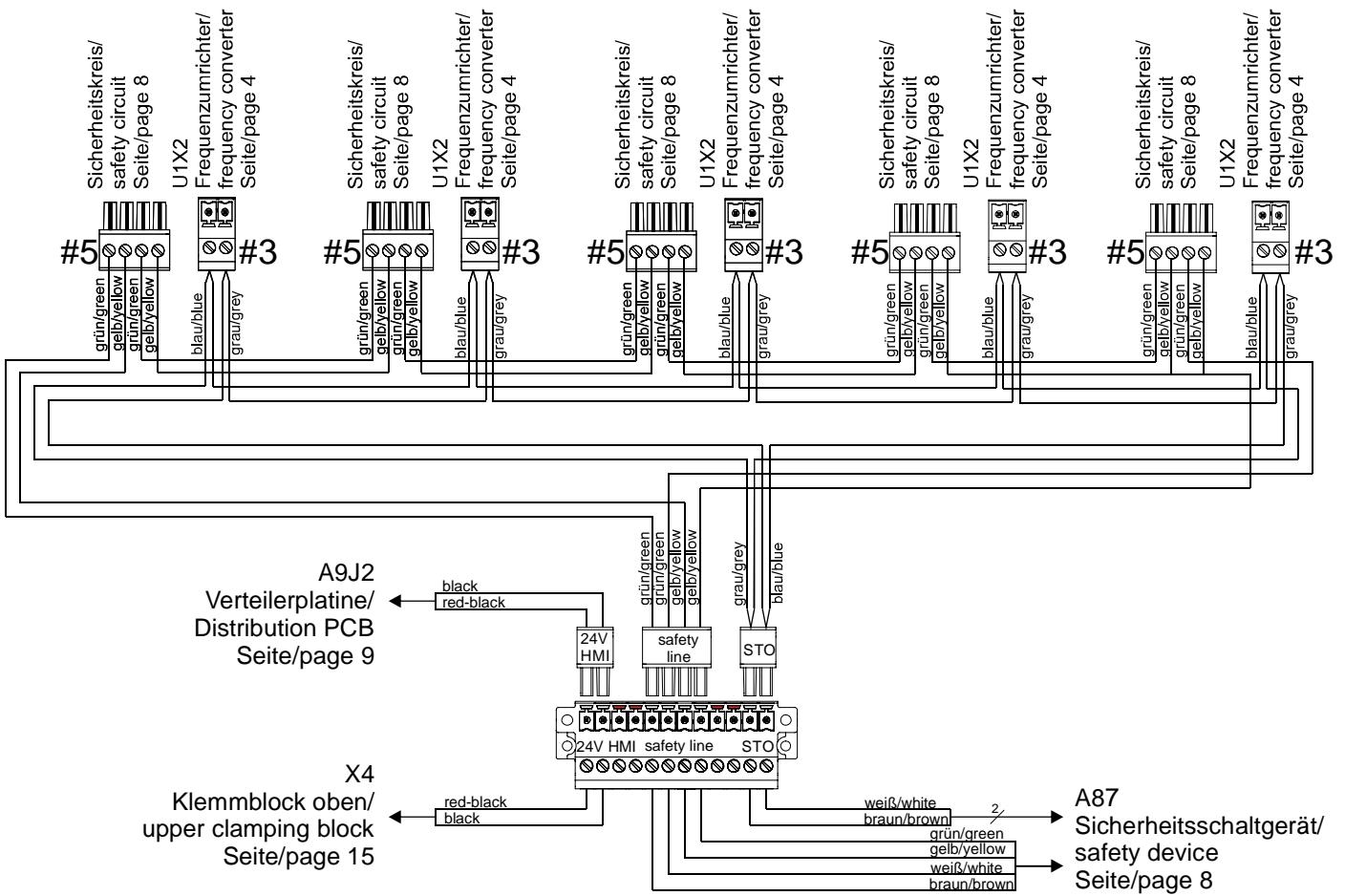
24V Netzteil/
24V power supply

REV 1.14

Seite/page 15

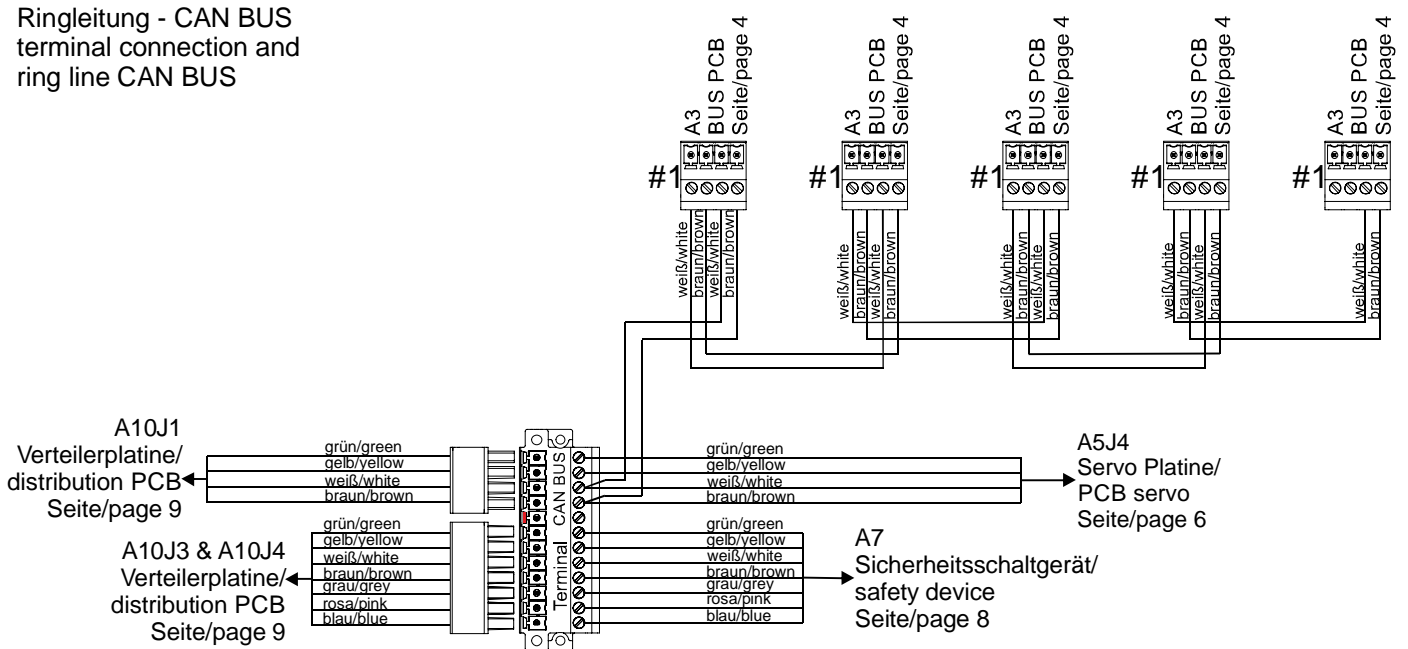
X6

Ringleitung - Sicherheitskreis
& STO
ring line safety circuit
and STO circuit



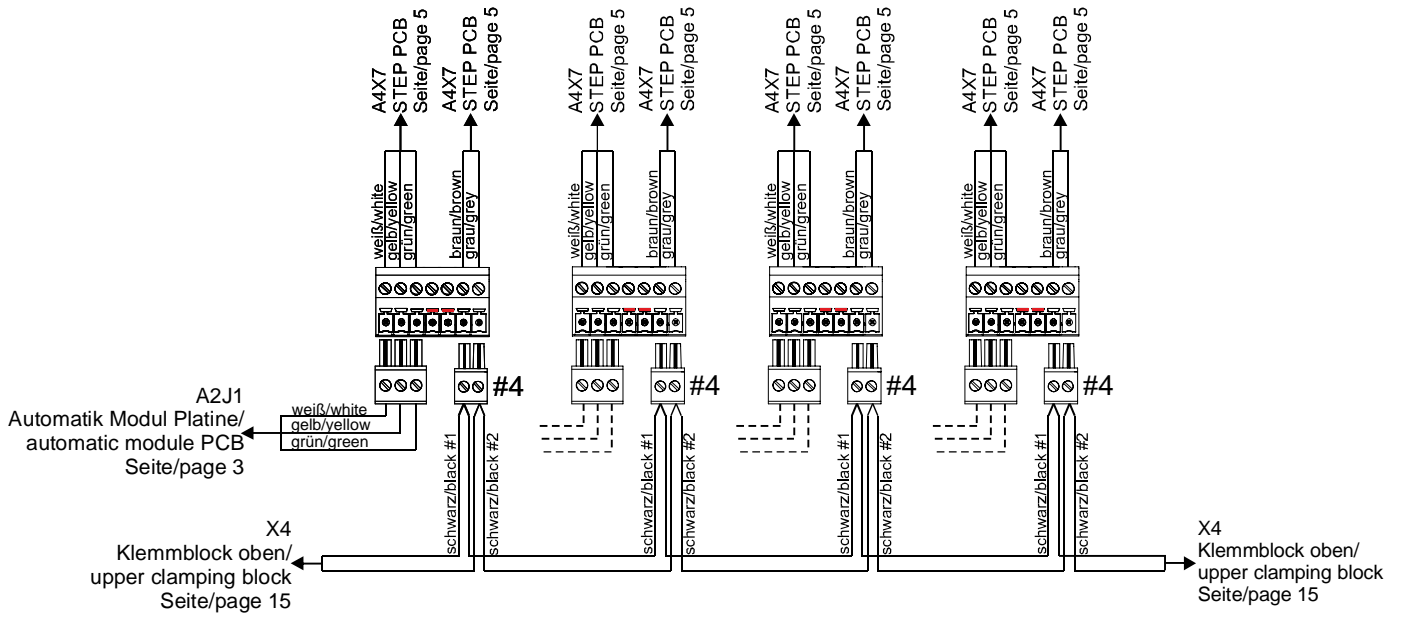
X7

Terminal - Anschluss &
Ringleitung - CAN BUS
terminal connection and
ring line CAN BUS



X8

Ringleitung - Automatik
ring line automatic



X9

Ringleitung 24VDC/
ring line 24VDC

