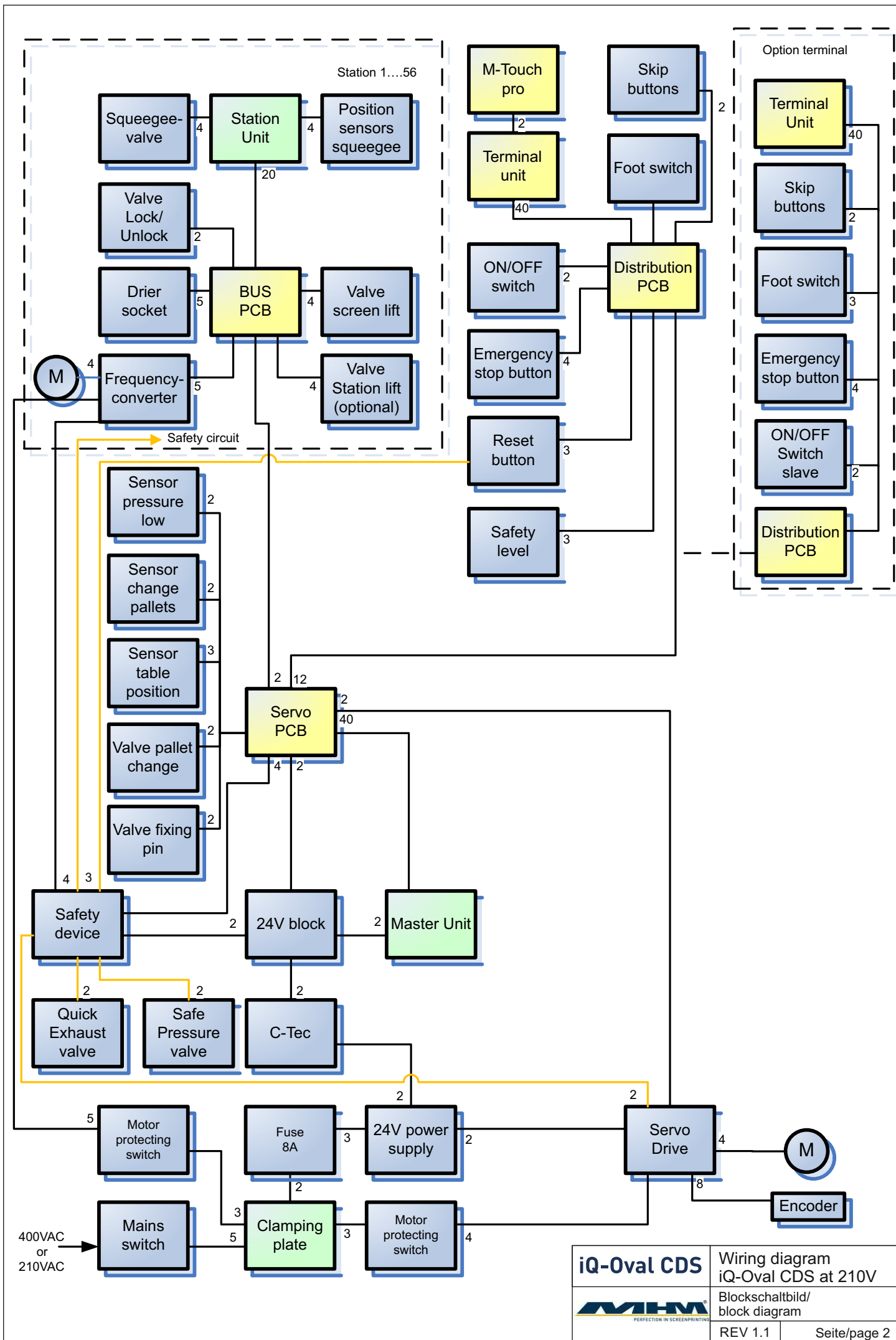


Verdrahtungsplan wiring diagram

iQ-Oval CDS

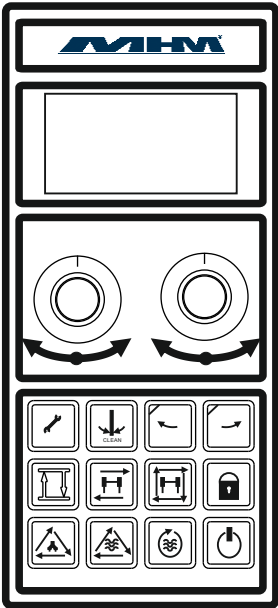
at 210V supply

Inhalt:	Seite / page	Contents:
Deckblatt	1	cover sheet
Blockschaltbild	2	block diagram
Rakelarm Teil 1	3	squeegee arm part 1
Rakelarm & Druckstation	4	squeegee arm & print station
Anschlussplatine & Master Einheit	5	connection PCB & master unit
Servoverstärker	6	servo drive
Not-Halt Relais	7	safety device
Haupt & Optionalterminal	8	main & optional terminal
Visualisierung	9	visualization
Verteilerplatine Main	10	main distribution PCB
Verteilerplatine optional	11	optional distribution PCB
Elektroaufnahmeplatte	12	electric clamping plate
Ringverkabelung	13	ring wiring



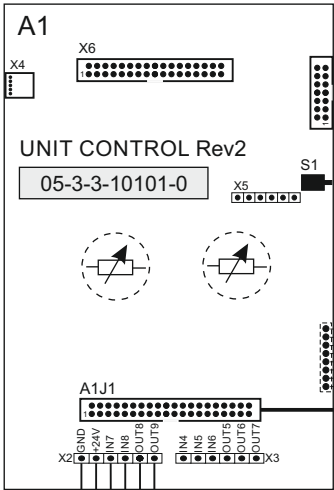
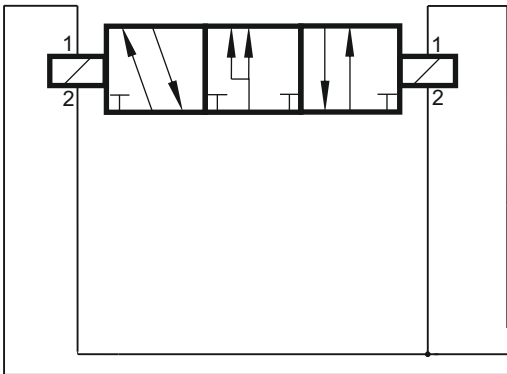
Folientastatur Station Front
keypad station front

07-0-0-10002-0



Magnetventil Rakel/
electromagnetic valve
squeegee

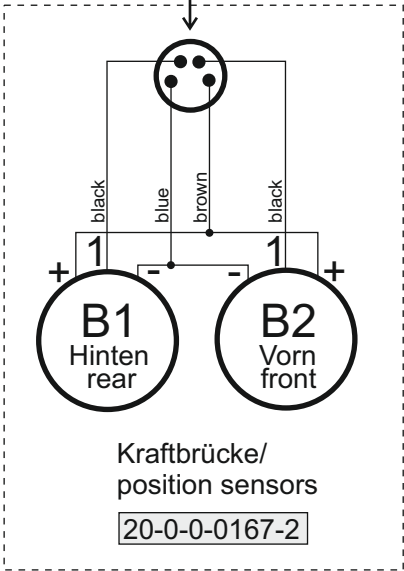
20-0-0-0555-3



A2J4
BUS PCB
Seite/page 4

Kabel Rakel/
cable squeegee

07-0-0-0005-1



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

F1
Sicherungshalter
fuse holder
07-0-0-0218-0

Sicherung T2A
fuse T2A

X5
Netzleitung
power cord
Seite / page 13

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

Not Halt Taster
Druckstationen /
emergency stop button
printing heads
Seite / page 7

X4
CAN - Ringleitung
CAN ring line
Seite/page 13

Magnetventil Sieblock/
screen lock valve

06-0-0-15006-0

Magnetventil Sieblift/
screen lift valve

06-0-0-15006-0

assembly group

200V
1Phase
0.4 kW
HITACHI
WJ200 INVERTER
8.8.8.8.
RUN PWR
Hz ALM
A PRG
RUN STOP
ESC RESET
SET

U1
Frequenzumrichter
frequency converter
07-0-0-0133-6

Trocknerbuchse 2/
drier socket 2
IN Optional

FC	color	FU
analog	white	0
-	brown	L
outwards	yellow	1
inwards	green	2

Trocknerbuchse /
dryer socket
07-0-0-0135-0

A2
BUS PCB
05-3-3-10004-3

Stationsliftventil/
station lift valve
06-0-0-15007-1

X3
Sicherheits -
Ringleitung
safety ring line
Seite / page 13

iQ-Oval CDS

Wiring diagram
iQ-Oval CDS at 210V

MHM
PERFECTION IN SCREENPRINTING

Rakelarm & Druckstation/
squeegee arm & printing station

REV 1.1

Seite/page 4

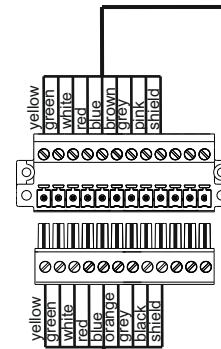
A5
Servoverstärker /
servo drive
07-0-0-3003-0

A5.1
CAN Operator /
operator CAN
90-0-0-3002-1

KEB F5V2

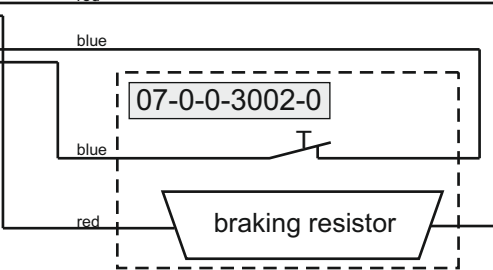
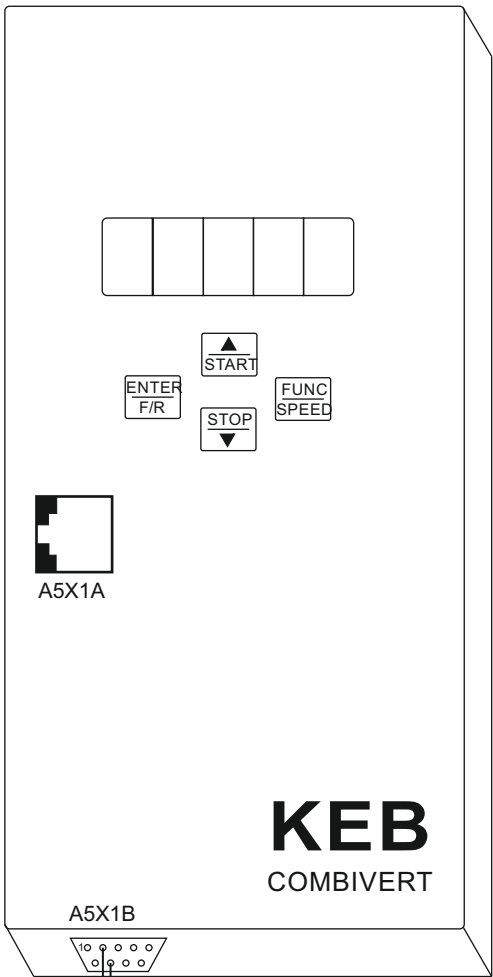
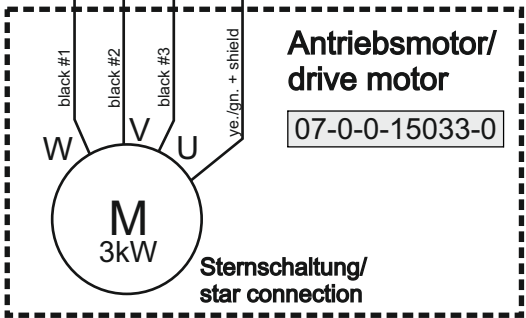
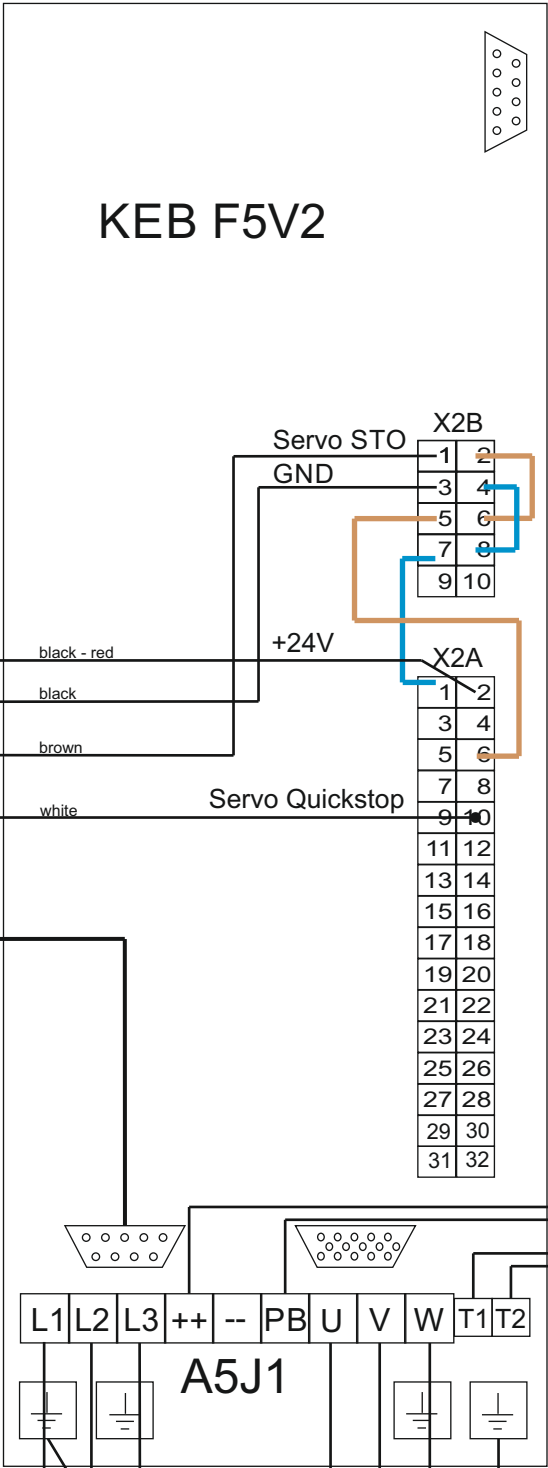
X1
Elektroaufnahmeplatte/
electric clamping plate
Seite / page 12

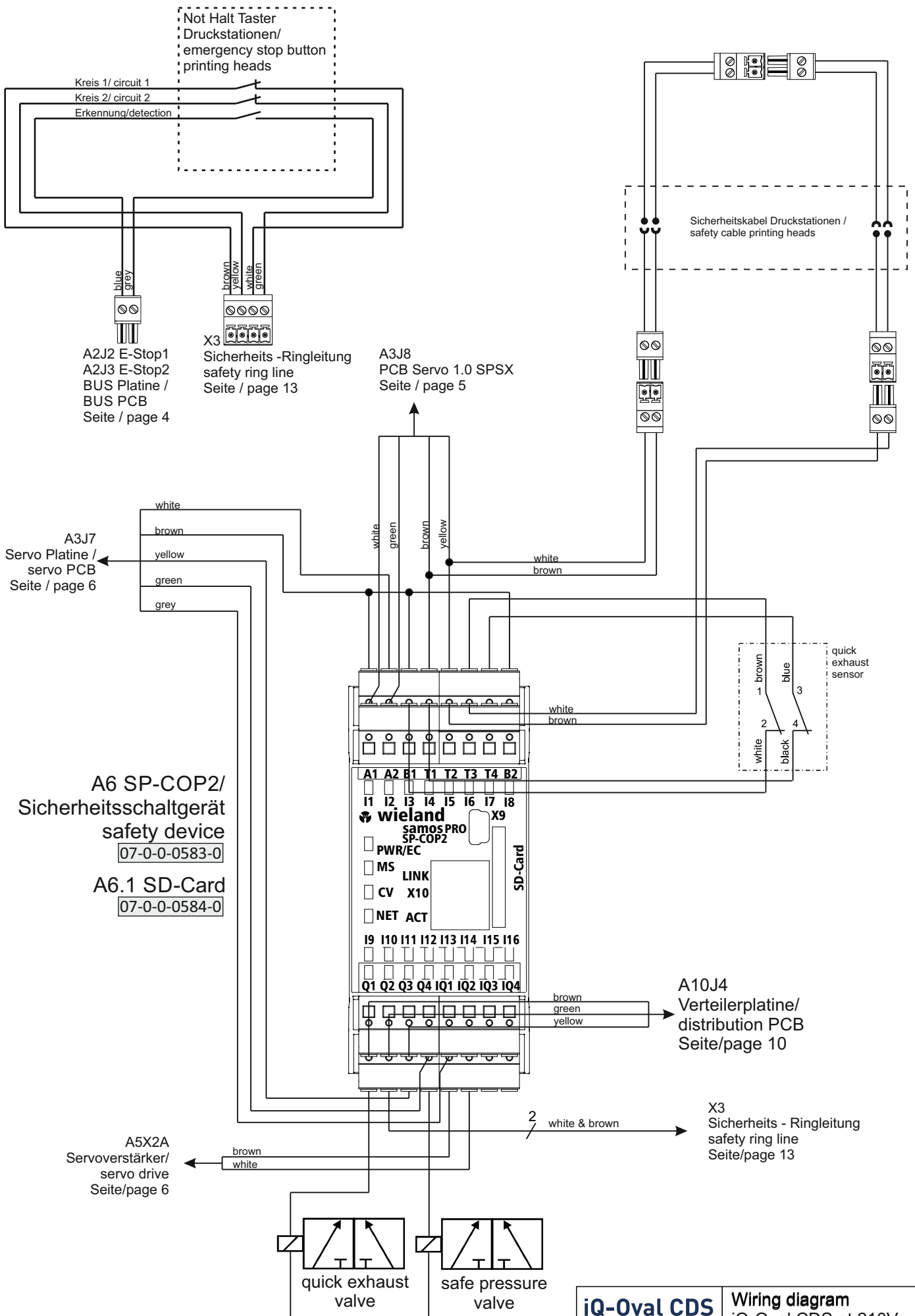
A6
Sicherheitsschaltgerät/
safety device
Seite / page 7



Incremental
encoder
07-0-0-15034-0

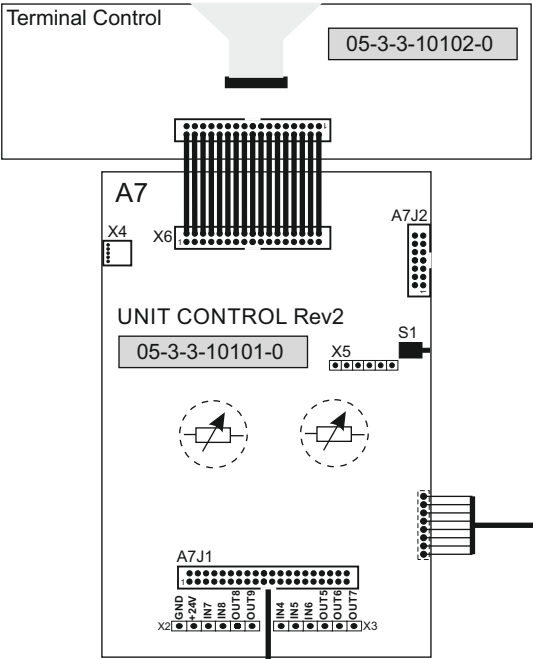
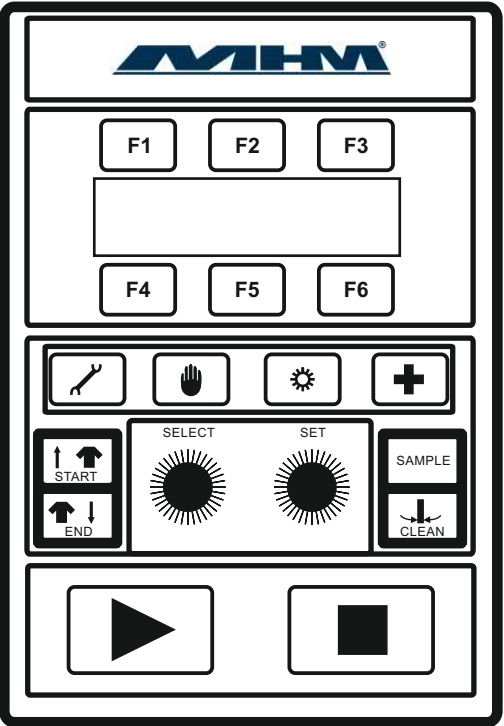
X1Q2
Elektroaufnahmeplatte /
electric clamping plate
Seite / page 12





Folientastatur Terminal
keypad terminal

07-0-0-10003-0



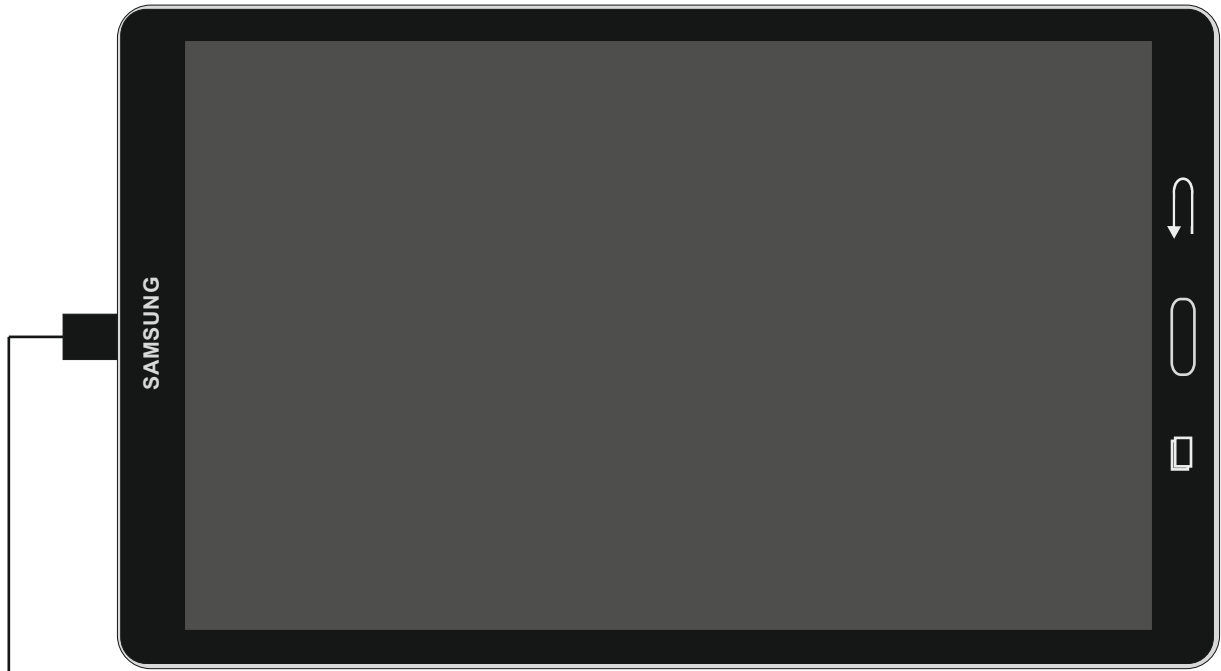
Verteilerplatine
distribution PCB

A10J5
Seite/page 10
at main terminal

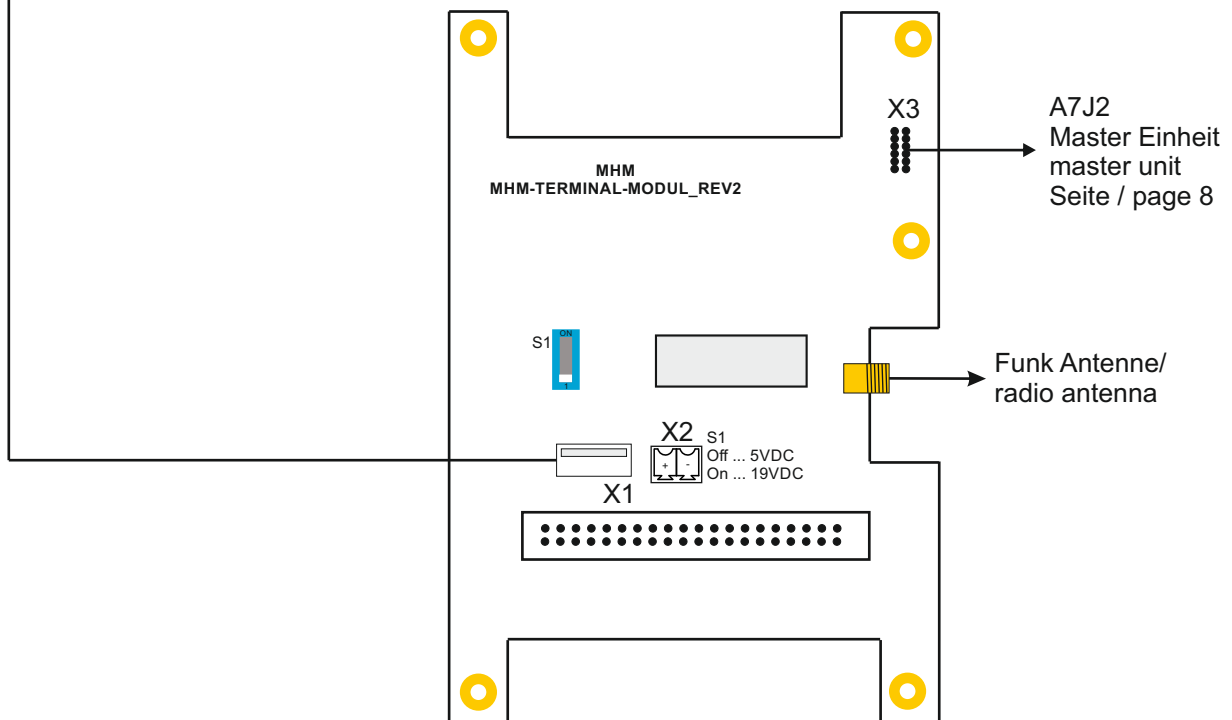
A11J2
Seite/page 11
at optional terminal

iQ-Oval CDS 	Wiring diagram iQ-Oval CDS at 210V	
	Haupt- & Optionalterminal/ main & optional terminal	
REV 1.1		Seite/page 8

A9
Samsung Tablet



A8
Terminal Modul PCB
05-3-3-10104-0



X1
Elektroaufnahmeplatte /
electric clamping plate
Seite / page 12

A3J3
PCB Servo 1.0 SPSX
Seite / page 5

Not Halt Taster/
Emergency
stop button
20-0-0-0490-0

A10
Verteilerplatine/
Distribution PCB
05-3-3-0034-0

A3J9
Servo PCB 1.0 SPSX
Seite / page 5

Skip Taster/
skip button
07-0-0-0529-0

Ein Ausschalter/
On/Off switch
90-0-0-4001-0

Reset Taster/
reset button
07-0-0-0086-0

A6
Sicherheitsschaltgerät/
safety device
Seite / page 7

Safety
level key
20-0-0-0795-0

A7J1
Terminal Einheit
Terminal unit
Seite / page 8

iQ-Oval CDS 	Wiring diagram iQ-Oval CDS at 210V	
	Verteilerplatine Main/ main distribution PCB	
	REV 1.1	Seite/page 10

X3
Sicherheits -
Ringleitung
safety ring line
Seite / page 13

X4
CAN -
Ringleitung
can ring line
Seite / page 13

A11
Verteiler Platine Terminal
distribution PCB Terminal

05-3-3-15004-0

A11J1
1 12
to machine base

Skip Emergency button Reset on/off switch foot switch
A11J2
1

brown
white
yellow
green

A7J1
Terminal Einheit
Terminal unit
Seite/page 8

Buchse/
socket
Fußtaster/
foot switch

black #1
ye./gn.
black #2
07-0-0-9005-0

red
black
3
4

S7
Skip Schlagtaster
skip button

20-0-0-9084-1

11 21
12 22

S6
Not-Halt Taster
emergency stop button

20-0-0-0490-0

red
black
3
4
S5
Ein/Ausschalter
on/off switch
90-0-0-4001-0

iQ-Oval CDS

PERFECTION IN SCREENPRINTING

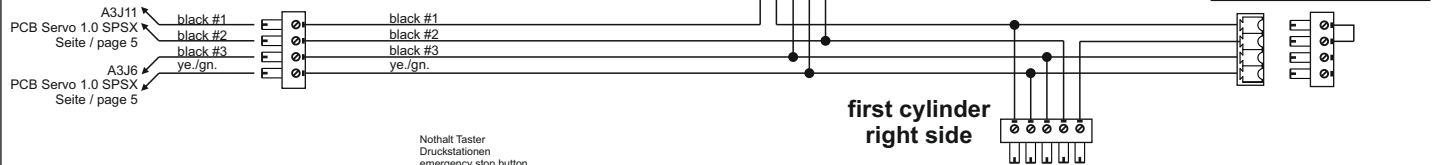
Wiring diagram
iQ-Oval CDS at 210V

Verteilerplatine optional/
optional distribution PCB

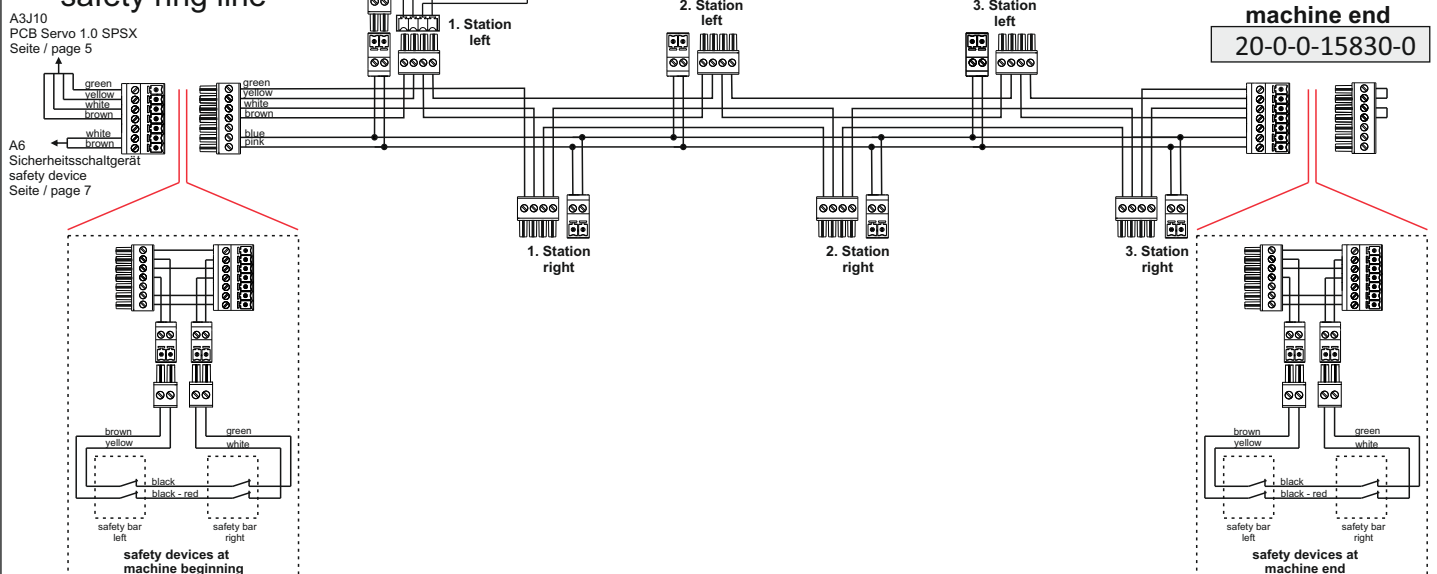
REV 1.1

Seite/page 11

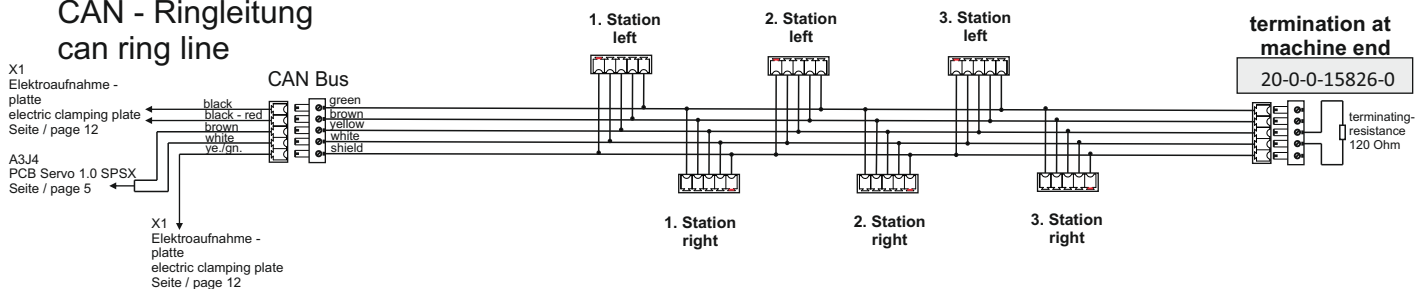
X2 Ringleitung - Passereinheit fix pin ring line



X3 Sicherheits - Ringleitung safety ring line



X4 CAN - Ringleitung can ring line



X5 Netzleitung power cord

