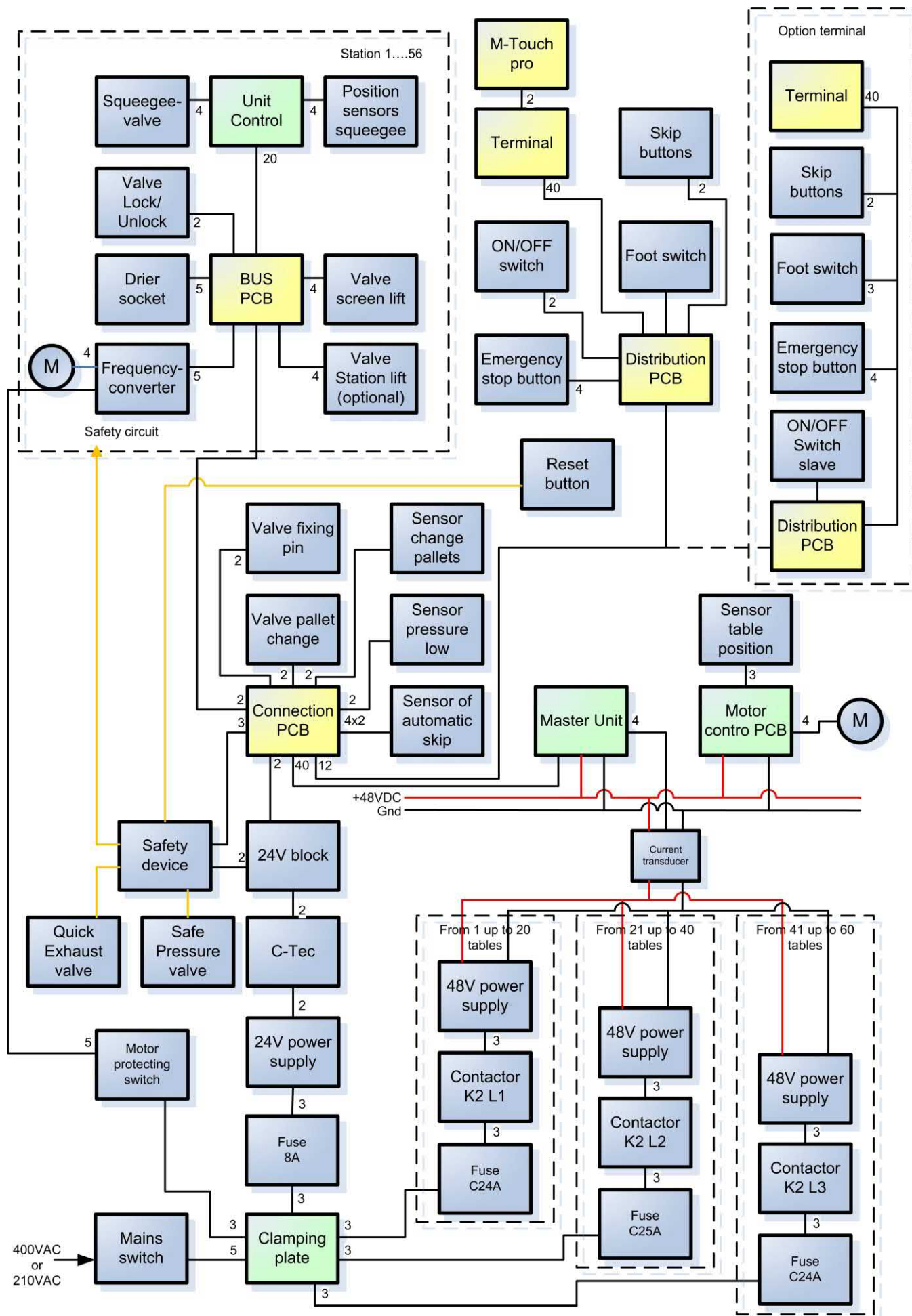


Verdrahtungsplan wiring diagram 400V

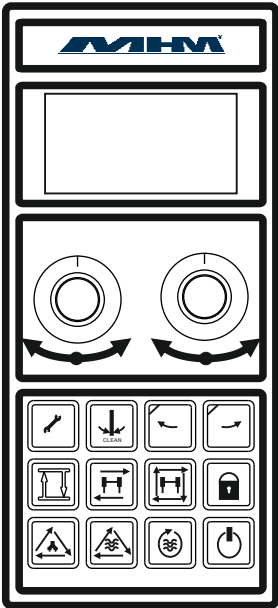
iQ-Oval

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
Motor Control	.....	6	.....	motor control
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



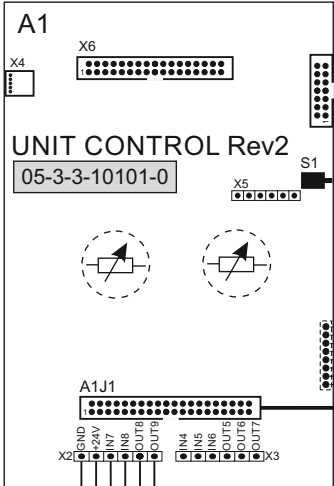
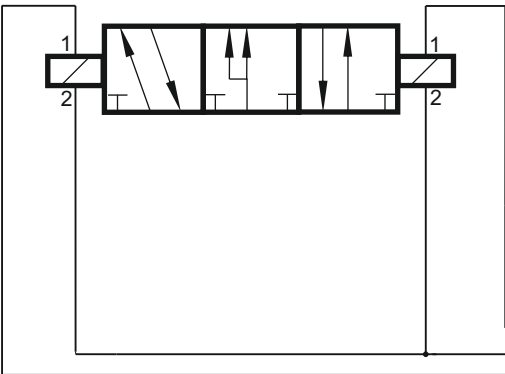
Folientastatur Station Front
keypad station front

07-0-0-10002-0



Magnetventil Rakel/
electromagnetic valve
squeegee

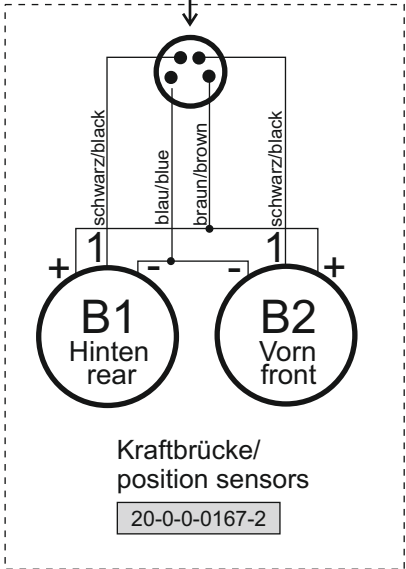
20-0-0-0555-3



A2J4
BUS PCB
Seite/page 4

Kabel Rakel/
cable squeegee

07-0-0-0005-1



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



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

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

Sicherung T2A
fuse T2A

X1x
Seite/page13

Not Halt Taster
Druckstationen /
emergency stop button
printing heads

Passerstiftventil/
fix pin valve
06-0-0-15005-0

one valve
each section

Magnetventil Sieblock/
screen lock valve
06-0-0-15006-0

Magnetventil Sieblift/
screen lift valve
06-0-0-15006-0

assembly group

control ring
Seite/page 13

FC	color	FU
analog	grey	0
-	brown	L
-	white	L
outside	green	2
inside	yellow	1
	white	3
	brown	4

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

STO Ringleitung /
STO ring line
Seite / page 13

Trocknerbuchse/
drier socket
07-0-0-0135-0

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

Wiring diagram
iQ Oval 400V

Rakelarm & Druckstation/
squeegee arm & print station

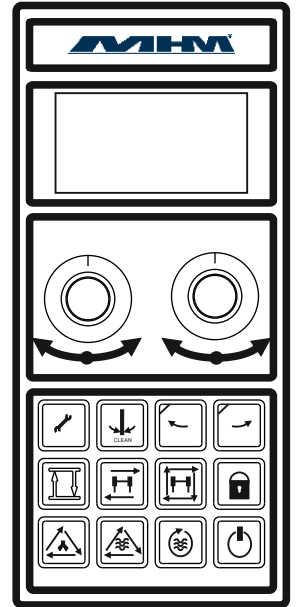
REV 2.2

Seite/page 4



Folientastatur Station Front keypad station front

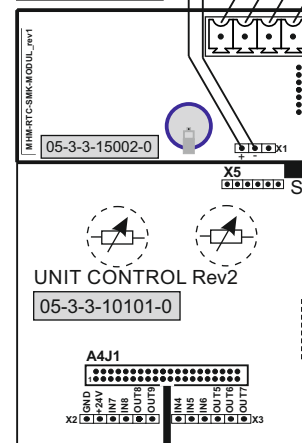
07-0-0-10002-0



Stromschiene
power rail
Seite/page 6

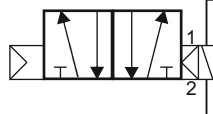
B3
Strommessumformer
current transducer
Seite / page 6

A4
Master Einheit
master unit
20-0-0-15077-0



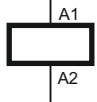
Signalsäule
signal column
07-0-0-15014-0

Palettenwechselventil
pallet change valve
06-0-0-15004-0



A3
Connection PCB
05-3-3-15003-0

X1K2
Schütz
contactor
Seite/page 12
07-0-0-15020-0



X2
24VDC
Seite/page 12

X9
safety ring
Seite/page 13

A6.1
safety device
Seite/page 7

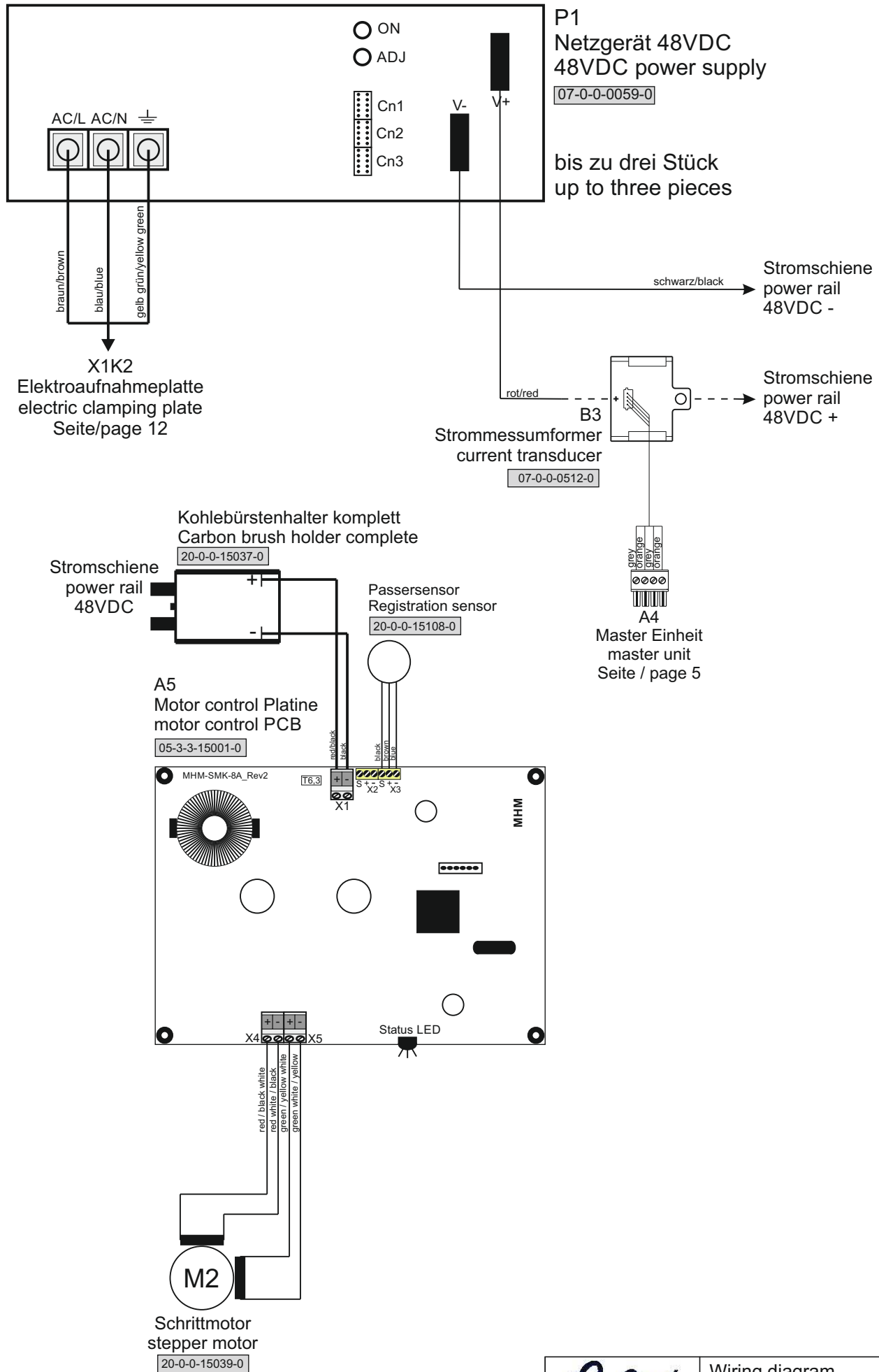
X3
Seite/page 10

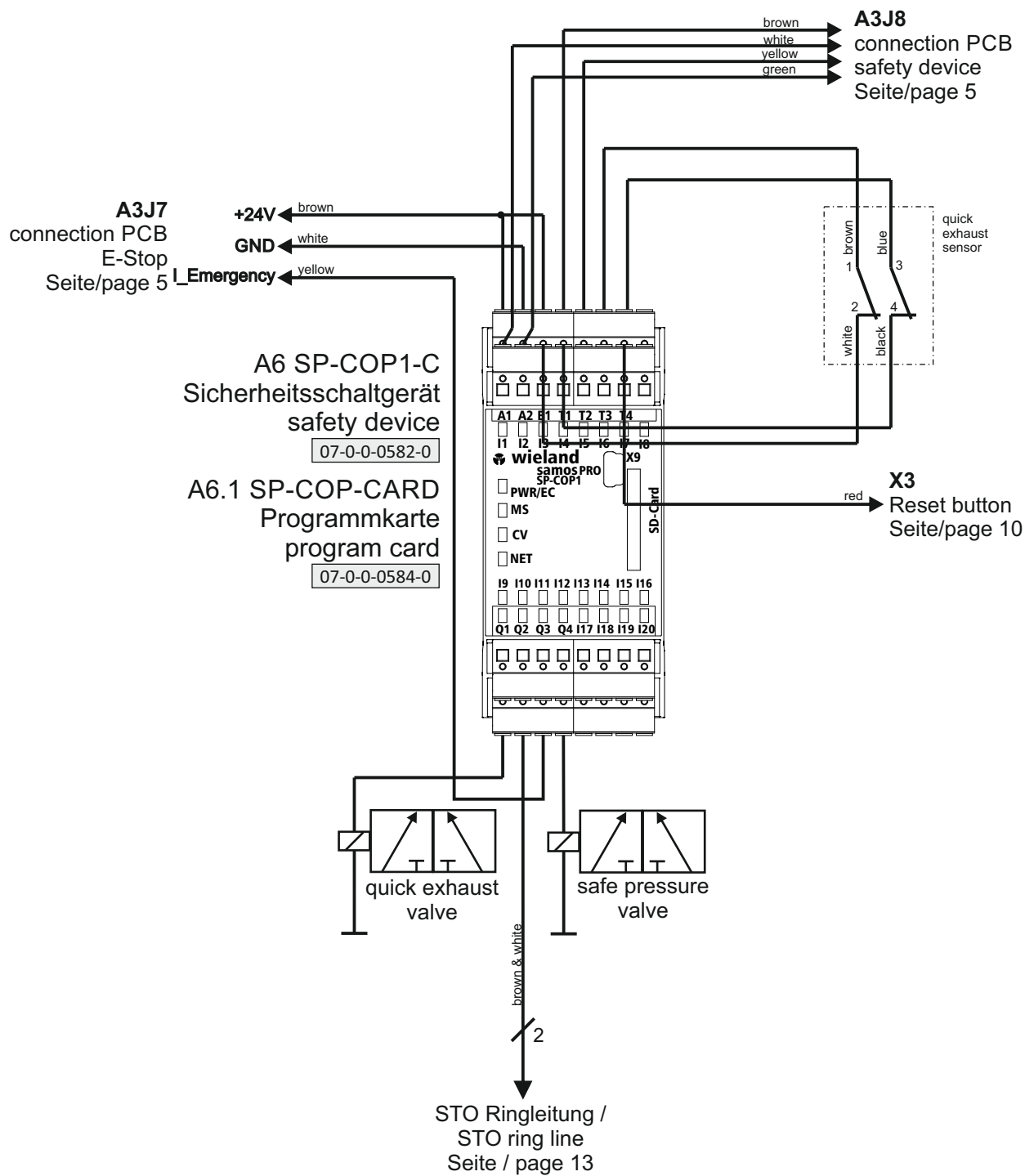
X3
Seite/page 10

A6.1
Safety device
Seite/page 7

X8
control ring
Seite/page 13

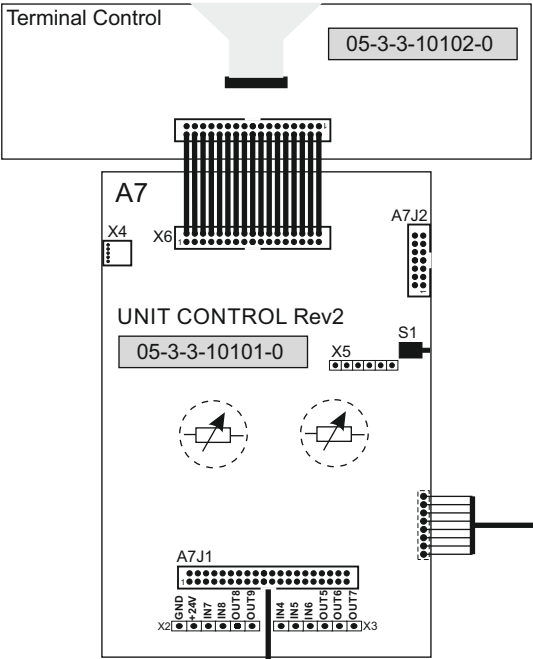
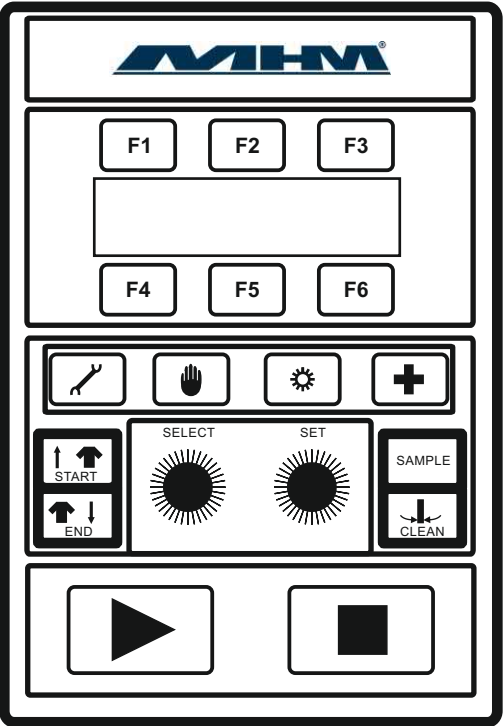
X8
control ring
Seite/page 13





Folientastatur Terminal
keypad terminal

07-0-0-10003-0



Verteilerplatine
distribution PCB

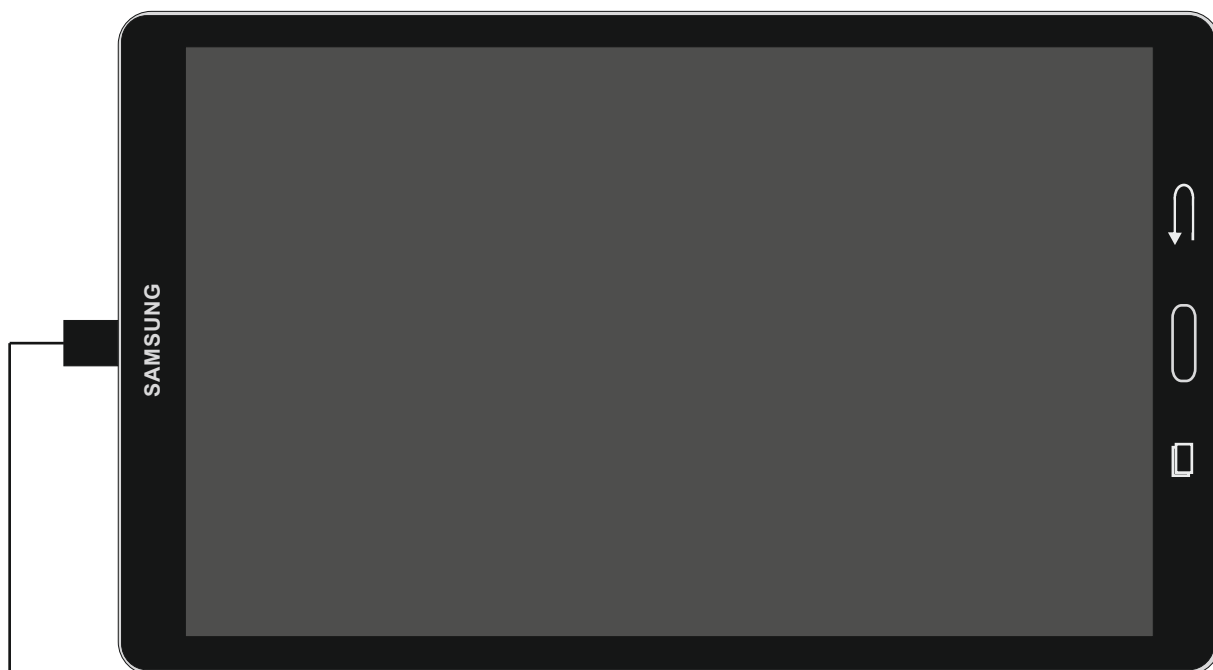
A10J2
Seite/page 10
at main terminal

A11J2
Seite/page 11
at optional terminal

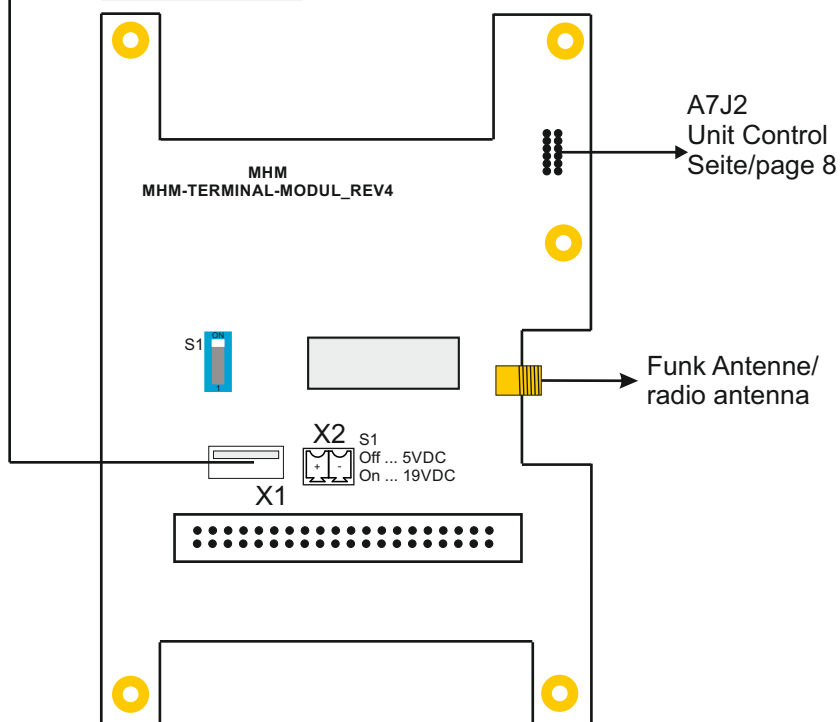
  PERFECTION IN SCREENPRINTING	Wiring diagram iQ Oval 400V	
	Haupt- & Optionalterminal/ main & optional terminal	
	REV 2.2	Seite/page 8

A9
Samsung Galaxy A8

nur am Hauptterminal
only at main terminal

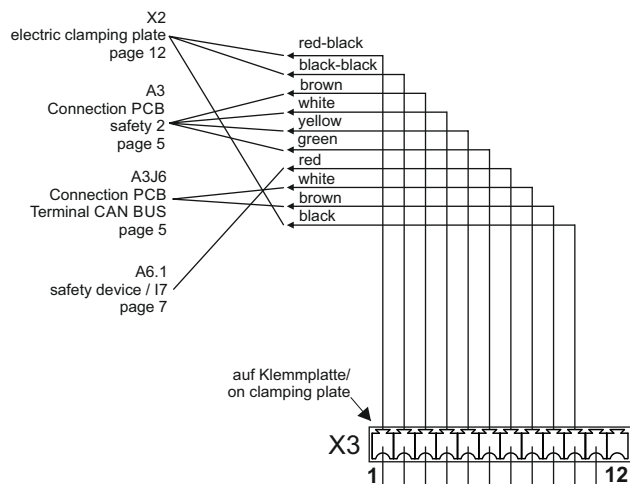


A8
Terminal Modul PCB
05-3-3-10104-0

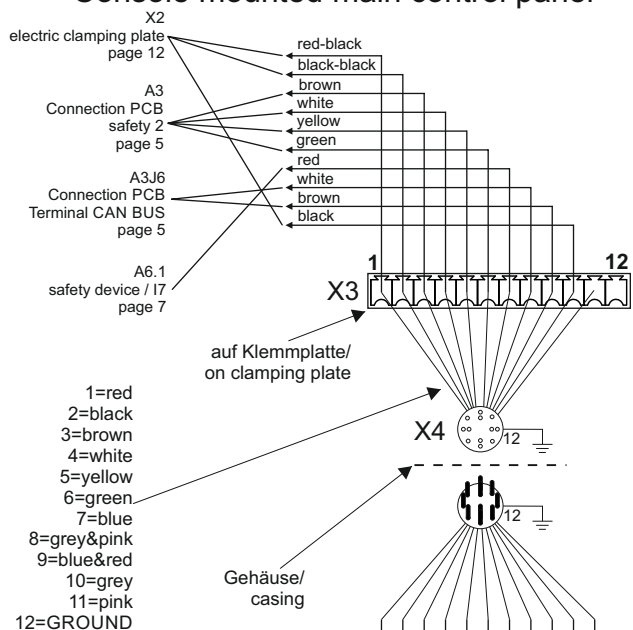


	Wiring diagram iQ Oval 400V
	Visualisierung/ visualization
REV 2.2	Seite/page 9

Gallow mounted main control panel

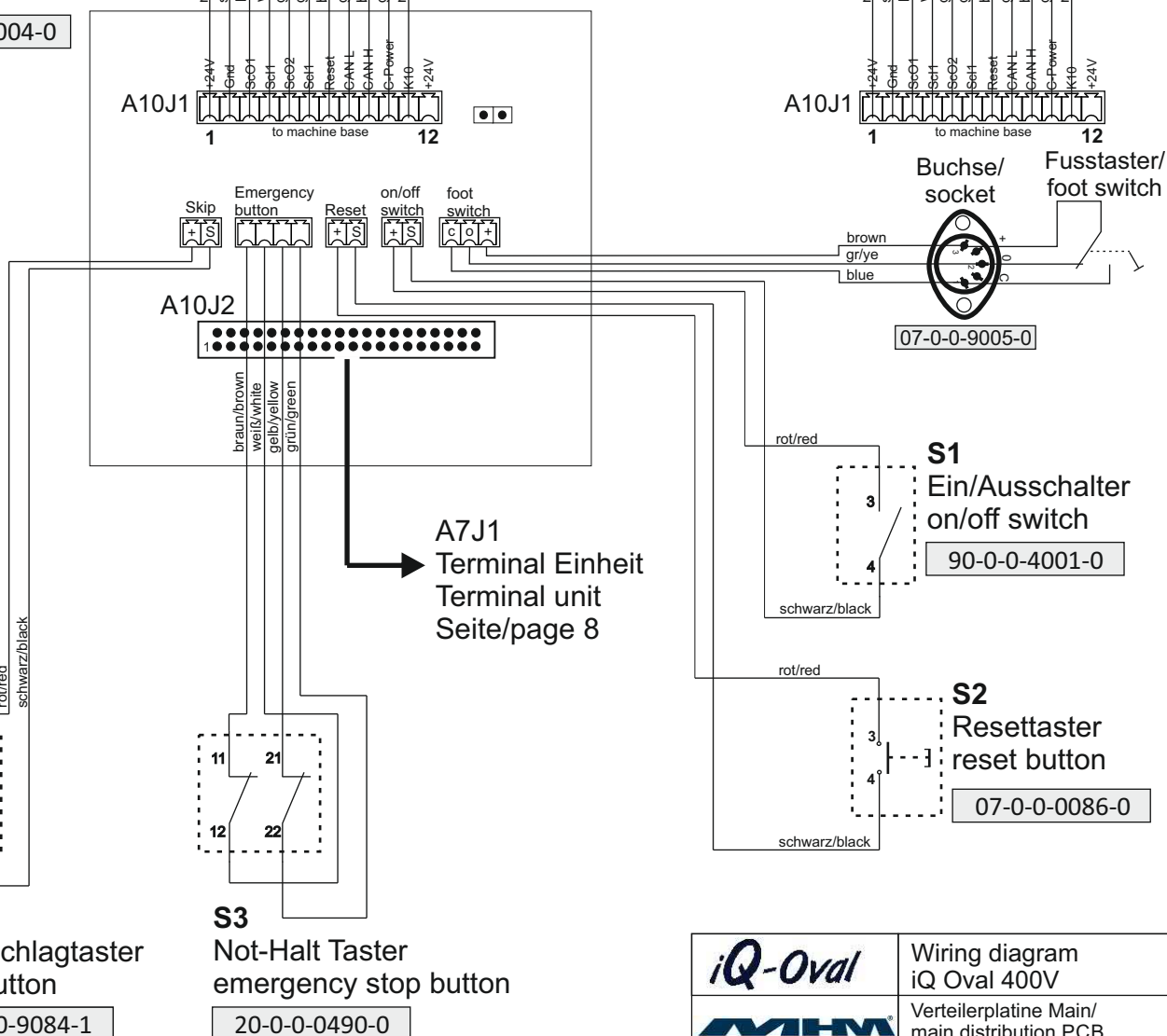


Console mounted main control panel



A10 Verteiler Platine Terminal distribution PCB Terminal

05-3-3-15004-0



iQ-Oval

MIHM
PERFECTION IN SCREENPRINTING

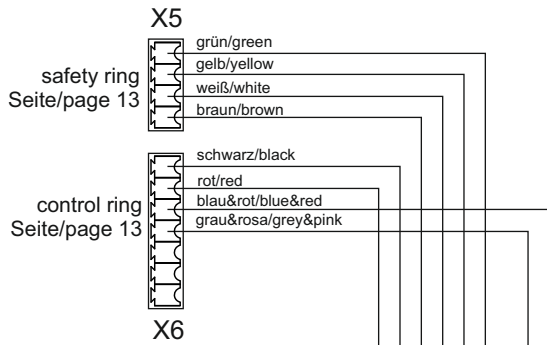
Wiring diagram
iQ Oval 400V

Verteilerplatine Main/
main distribution PCB

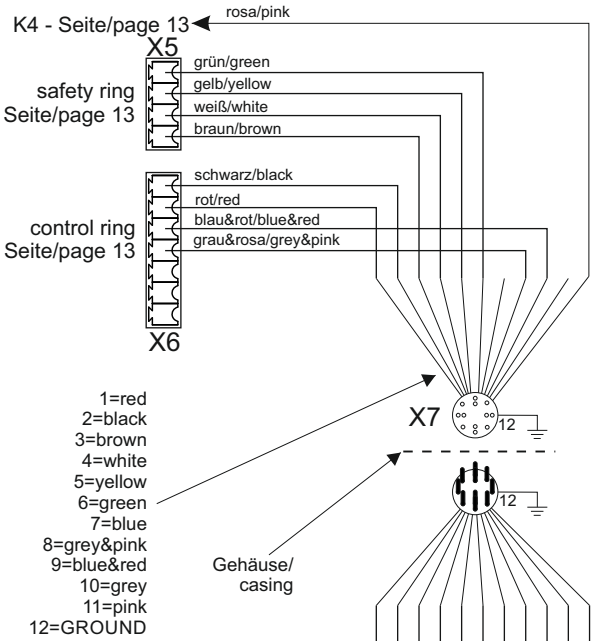
REV 2.2

Seite/page 10

Gallow mounted optional control panel

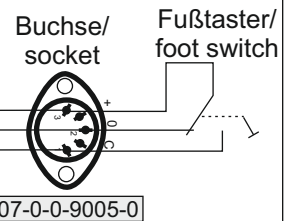
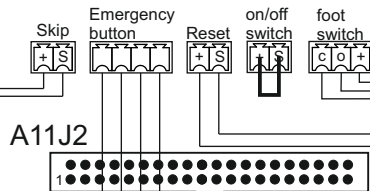
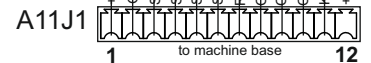
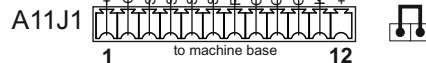


Console mounted optional control panel



A11
Verteiler Platine Terminal
distribution PCB Terminal

05-3-3-15004-0



A7J1
Terminal Einheit
Terminal unit
Seite/page 8

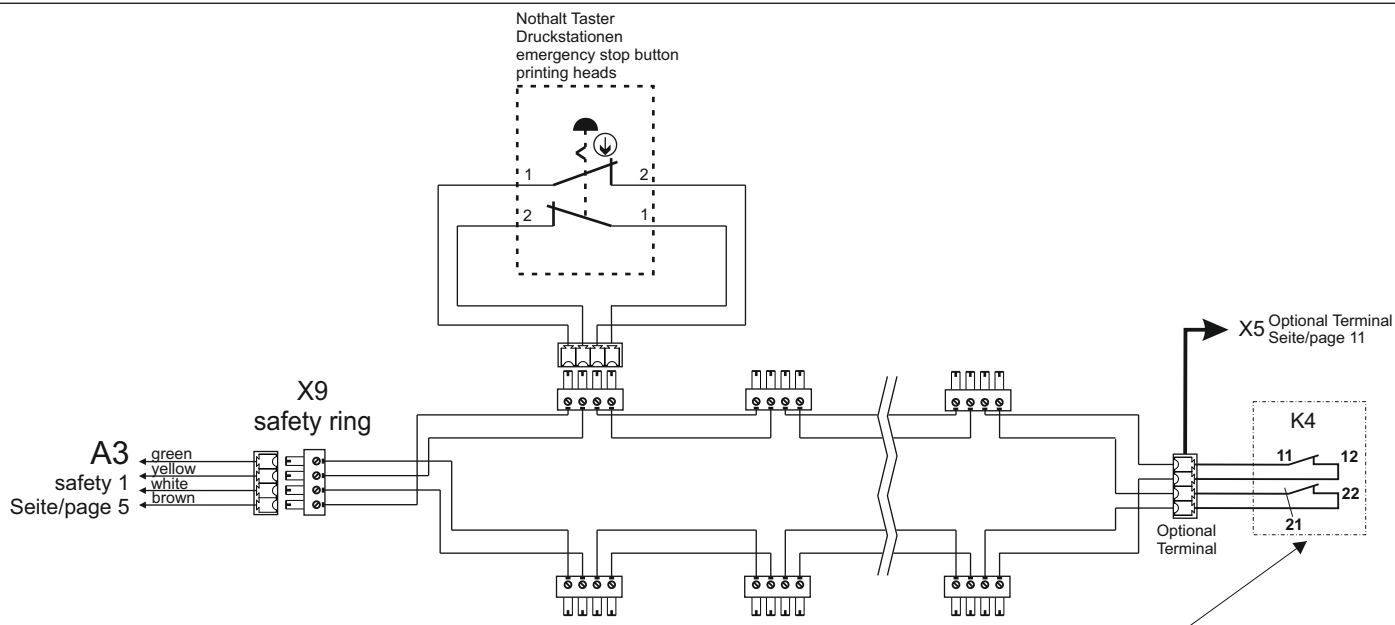
S7
Skip Schlagtaster
skip button

20-0-0-9084-1

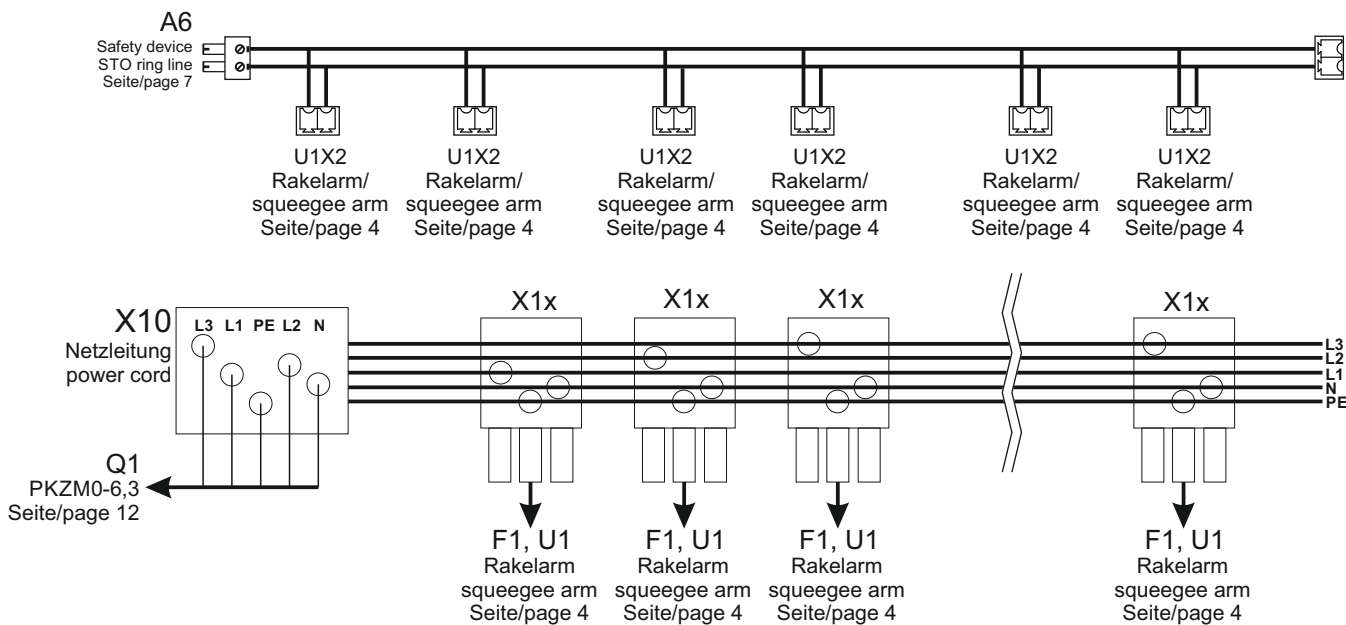
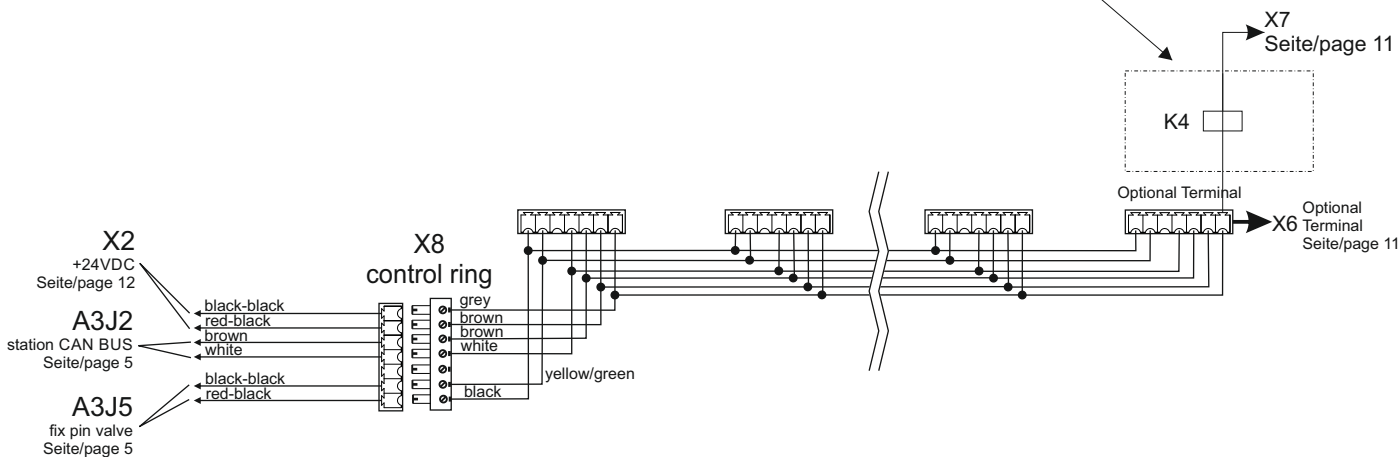
S6
Not-Halt Taster
emergency stop button

20-0-0-0490-0





Nur bei optionalem zweiten Bedienpult/
only at console mounted optional control panel



iQ-Oval

MHM
PERFECTION IN SCREENPRINTING

Wiring diagram
iQ Oval 400V

Ringverkabelung/
ring wiring

REV 2.2

Seite/page 13