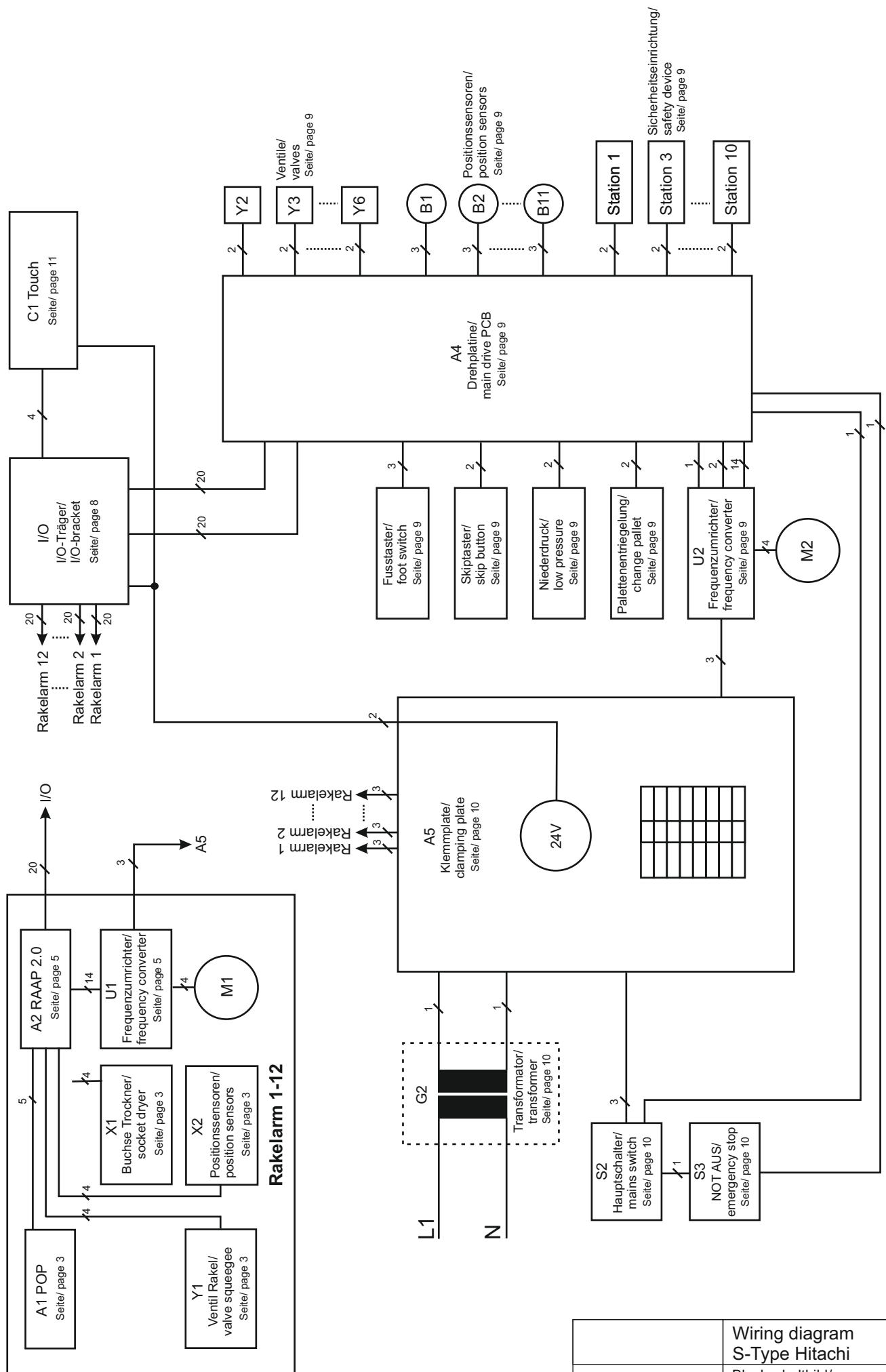


Verdrahtungsplan wiring diagram SYNCHROPRINT S-Type Hitachi

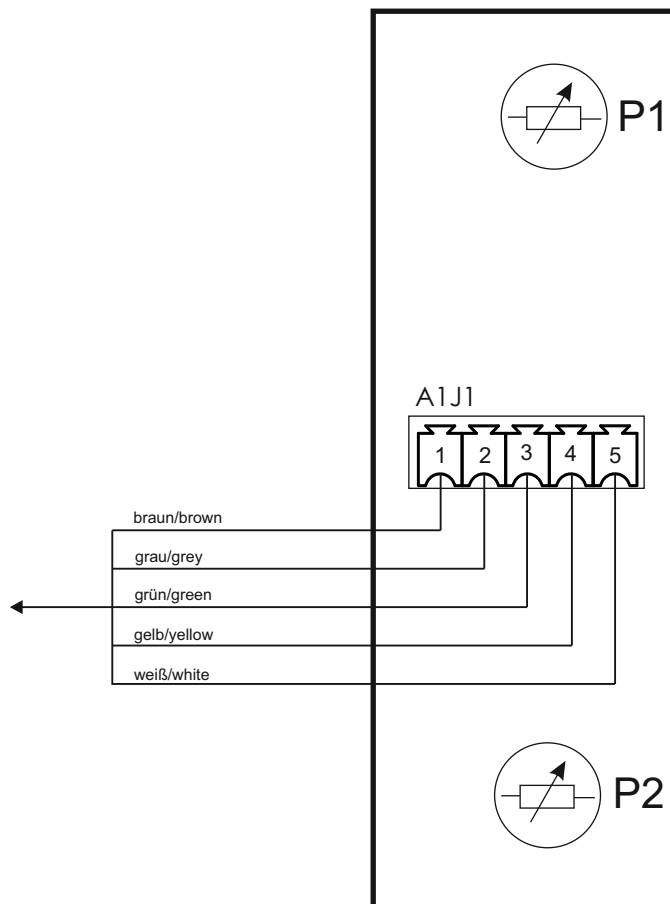
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Rakelarm	5	squeegee arm
I/O Verbindungen Seite 7	6	I/O connections page 7
I/O Träger	7	I/O-bracket
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Drehplatine	9	main drive PCB
Klemmplatte	10	clamping palte
Touch	11	touch



A1 POP

(R1-1) 90-0-0-9056-0

A2J2
RAAP Platine/
RAAP PCB
Seite/page 5



Beschreibung	description	U1 Frequenzumrichter/ frequency converter U1X2	A2 RAAP 2.0	I/O2
GND	GND	L	A2J4 Pin 1	X1 or X2
Dig. Eingang 5	dig. input 5	5	A2J4 Pin 2	Pin 15
Dig. Eingang 3	dig. input 3	4	A2J4 Pin 4	Pin 11
Dig. Eingang 2	dig. input 2	3	A2J4 Pin 5	OUT 8 or 16
Dig. Eingang 1	dig. input 1	2	A2J4 Pin 6	OUT 6 or 14
		1	A2J4 Pin 7	
		P24	A2J3 Pin 1	
+ Poti	+ potentiometer	H	A2J2 Pin 11	
Schleifkontakt Poti	Sliding contact potentiometer	O	A2J3 Pin 2	
		OI	A2J3 Pin 3	
		L	A2J3 Pin 4	
		FM	A2J3 Pin 5	
		CM2	A2J3 Pin 6	
		12	A2J3 Pin 7	
- Poti / GND	- potentiometer / GND	11	A2J3 Pin 8	

Beschreibung	description	A2 RAAP 2.0 A2J1	I/O2
Y1 MV vorn	Y1 MV front	A2J2 Pin 1	Pin 1
B13 Sensor vorn	B13 sensor front	A2J2 Pin 2	OUT 1 or 9
Y1 MV hinten	Y1 MV rear	A2J2 Pin 3	IN 1 or 9
B12 Sensor hinten	B12 sensor rear	A2J2 Pin 4	OUT 2 or 10
X1/5 Trockner	X1/5 dryer	A2J2 Pin 5	IN 2 or 10
S1/7 Tastenfeld LOCK	S1/7 keypad LOCK	A2J2 Pin 6	OUT 3 or 11
FU vor	FC forward	A2J2 Pin 7	IN 3 or 11
S1/1 Tastenfeld Rakel	S1/1 keypad squeegee	A2J2 Pin 8	OUT 4 or 12
FU zurück	FC back	A2J2 Pin 9	IN 4 or 12
S1/2 Tastenfeld links	S1/2 keypad left	A2J2 Pin 10	OUT 5 or 13
FU langsam	FC slow	A2J4 Pin 4	IN 5 or 13
S1/3 Tastenfeld ADJ	S1/3 keypad ADJ	A2J2 Pin 12	OUT 6 or 14
nicht verwendet	not used	A2J4 Pin 3	IN 6 or 14
S1/4 Tastenfeld rechts	S1/4 keypad right	A2J2 Pin 14	OUT 7 or 15
nicht verwendet	not used	A2J4 Pin 2	IN 7 or 15
S1/5 Tastenfeld Sieb	S1/5 keypad screen	A2J2 Pin 16	OUT 8 or 16
+24V	+24V	A2J2 Pin 17	IN 8 or 16
+24V	+24V	A2J2 Pin 18	
GND	GND	A2J2 Pin 19	
GND	GND	A2J2 Pin 20	

Beschreibung	description
Y1 MV vorn	Y1 MV front
B13 Sensor vorn	B13 sensor front
Y1 MV hinten	Y1 MV rear
B12 Sensor hinten	B12 sensor rear
X1/5 Trockner	X1/5 dryer
S1/7 Tastenfeld LOCK FU vor	S1/7 keypad LOCK FC forward
S1/1 Tastenfeld Rakel FU zurück	S1/1 keypad squeegee FC back
S1/2 Tastenfeld links FU langsam	S1/2 keypad left FC slow
S1/3 Tastenfeld ADJ nicht verwendet	S1/3 keypad ADJ not used
S1/4 Tastenfeld rechts nicht verwendet	S1/4 keypad right not used
S1/5 Tastenfeld Sieb +24V +24V GND GND	S1/5 keypad screen +24V +24V GND GND

A1J4 Pin4 —	A1J1 Pin1	A2J2 Pin1	—	Pin 1	—	Pin 1	—	—
A1J5 Pin2 —	A1J1 Pin2	A2J2 Pin2	—	Pin 2	—	Pin 2	—	—
A1J4 Pin2 —	A1J1 Pin3	A2J2 Pin3	—	Pin 3	—	Pin 3	—	—
A1J5 Pin1 —	A1J1 Pin4	A2J2 Pin4	—	Pin 4	—	Pin 4	—	—
A1J3 Pin1 —	A1J1 Pin5	A2J2 Pin5	—	Pin 5	—	Pin 5	—	—
A1J2 Pin7 —	A1J1 Pin6	A2J2 Pin6	—	Pin 6	—	Pin 6	—	—
A1J2 Pin1 —	A1J1 Pin8	A2J2 Pin8	—	Pin 7	—	Pin 7	—	—
A1J2 Pin2 —	A1J1 Pin10	A2J2 Pin10	—	Pin 8	—	Pin 8	—	—
A1J2 Pin3 —	U1X2 Pin3	A2J4 Pin4	—	Pin 9	—	Pin 9	—	—
A1J2 Pin4 —	A1J1 Pin12	A2J2 Pin12	—	Pin 10	—	Pin 10	—	—
A1J2 Pin5 —	U1X2 Pin5	A2J4 Pin2	—	Pin 11	—	Pin 11	—	—
A1J2 Pin16	A1J1 Pin14	A2J2 Pin14	—	Pin 12	—	Pin 12	—	—
A1J1 Pin17	A1J1 Pin18	A2J2 Pin17	—	Pin 13	—	Pin 13	—	—
A1J1 Pin19	A1J1 Pin20	A2J2 Pin18	—	Pin 14	—	Pin 14	—	—
A1J1 Pin20	A1J1 Pin20	A2J2 Pin19	—	Pin 15	—	Pin 15	—	—
A1J1 Pin20	A1J1 Pin20	A2J2 Pin20	—	Pin 16	—	Pin 16	—	—

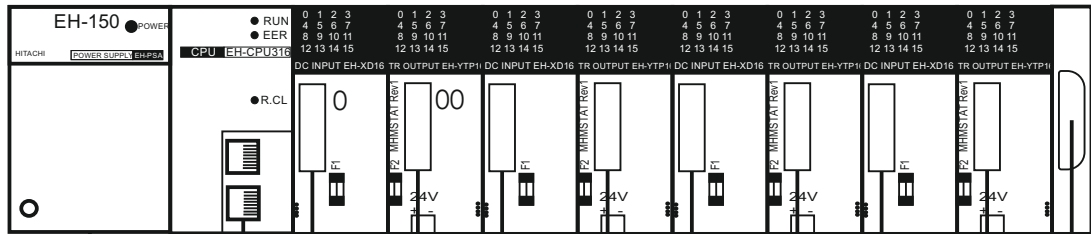
A2 RAAP 2.0	A2J1	I/O2
—	—	Pin 1
—	—	Pin 2
—	—	Pin 3
—	—	Pin 4
—	—	Pin 5
—	—	Pin 6
—	—	Pin 7
—	—	Pin 8
—	—	Pin 9
—	—	Pin 10
—	—	Pin 11
—	—	Pin 12
—	—	Pin 13
—	—	Pin 14
—	—	Pin 15
—	—	Pin 16
—	—	Pin 17
—	—	Pin 18
—	—	Pin 19
—	—	Pin 20

Spannungsversorgung
EHPSA 100-240V/
power supply module
EHPSA 100-240V
90-0-0-9016-0

EH-CPU316A SPS/
EH-CPU316A SPS
90-0-0-9013-1

Eingangsmodul EH-XD16 16x24V/
input module EH-XD16 16x24V
90-0-0-9017-0

Ausgangsmodul EH-YTP16 16x24V/
output module EH-YTP16 16x24V
90-0-0-9018-0



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Klemmplatte / clamping palte
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Tochscreen / touch screen
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Drehplatine / main drive PCB
Co3 Seite/page 9

A4
Drehplatine / main drive PCB
Co4 Seite/page 9

A2J2
RAAP Platine / RAAP Station 1
PCB Seite/page 5

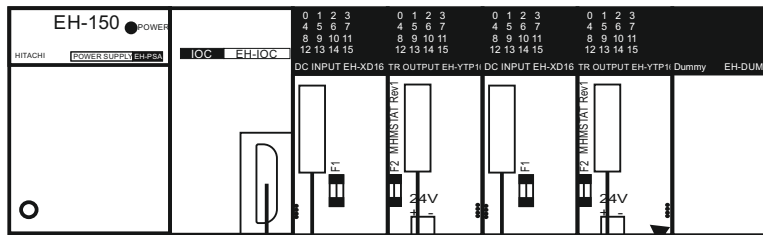
A2J2
RAAP Platine / RAAP Station 2
PCB Seite/page 5

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RAAP Platine / RAAP Station 3
PCB Seite/page 5

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RAAP Platine / RAAP Station 4
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RAAP Platine / RAAP Station 5
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A2J2
RAAP Platine / RAAP Station 6
PCB Seite/page 5



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A2J2
RAAP Platine / RAAP Station 8
PCB Seite/page 5

A2J2
RAAP Platine / RAAP Station 9
PCB Seite/page 5

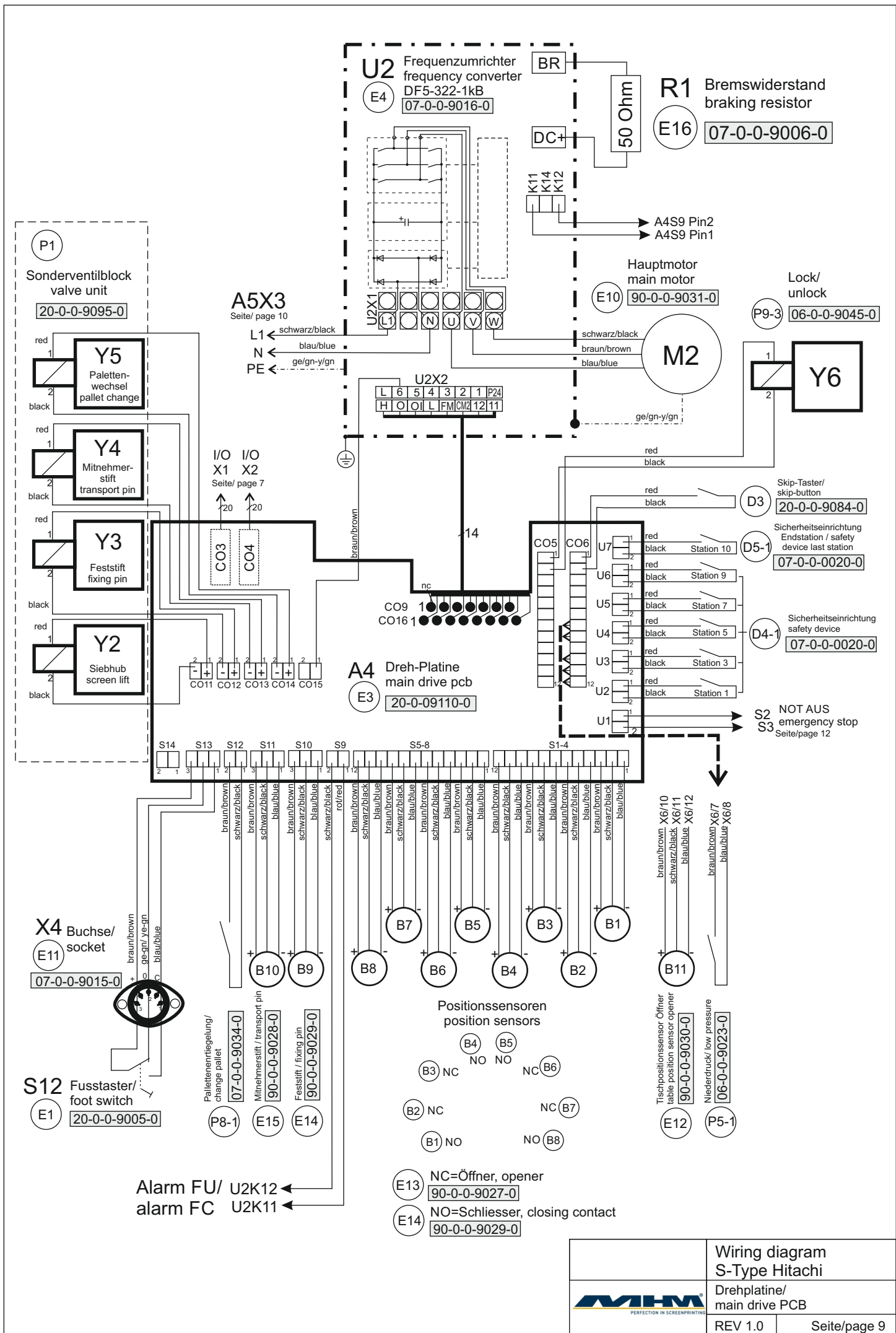
A2J2
RAAP Platine / RAAP Station 10
PCB Seite/page 5

STAT Platine Rev 1/
STAT PCB Rev 1
90-0-0-9019-0

Beschreibung	description
Y3 Mitnehmerstift B1 Init links Y4 Feststift B8 Init rechts Y5 Siebhub B4+B5 Init Mitte +V B2 / FU links Alarm FU +V B7 / FU rechts FU run FU langsam Reserve NOT AUS +V B3 / FU schnell links B10 Initiator Mitnehmerstift +V B6 / FU schnell rechts B9 Initiator Feststift Y2 Palettenwechsel S12 Fusstaster NC FU 2 Rampe S12 Fusstaster NO Palettenentriegelung B11 Tischposition Niederdruck Skiptaster Ventil lock/unlock	Y3 transport pin B1 init left Y4 fixing pin B8 init right Y5 screen lift B4+B5 init center +V B2 / FC left alarm FC +V B7 / FC right FC run FC slow reserve emergency stop +V B3 / FC fast left B10 initiator transport pin +V B6 / FC fast right B9 initiator fixing pin Y2 pallet change S12 foot switch NC FC 2 ramp S12 foot switch NO change pallet B11 table position low pressure skip button valve lock/unlock

A4 Drehplatine main drive	I/O1
A4CO13 Pin 1	OUT 1
A4S1-4 Pin 2	IN 1
A4CO12 Pin 1	OUT 2
A4S5-8 Pin 11	IN 2
A4CO11 Pin 1	OUT 3
A4S5-8 Pin 2/ A4S1-4 Pin 11	IN 3
A4S1-4 Pin 6	OUT 4
A4S9 Pin 1	IN 4
A4S5-8 Pin 9	OUT 5
A4CO16 Pin 8	IN 5
A4CO9 Pin 3+4	OUT 6
A4S14 Pin 1	IN 6
A4S1-4 Pin 9	OUT 7
A4S11 Pin 2	IN 7
A4S5-8 Pin 6	OUT 8
A4S10 Pin 2	IN 8
A4CO14 Pin 1	OUT 9
A4S13 Pin 2	IN 9
A4CO15 Pin 1	OUT 10
A4S13 Pin 1	IN 10
A4S12 Pin 1	OUT 11
A4CO6 Pin 11	IN 11
A4CO6 Pin 8	OUT 12
	IN 12
	OUT 13
	IN 13
	OUT 14
	IN 14
	OUT 15
	IN 15
	OUT 16
	IN 16

U2K11
U2X2 Pin 11
U2X2 Pin 4+3
U2X2 Pin 6

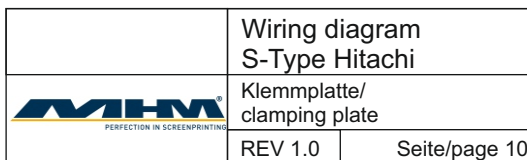


Wiring diagram
S-Type Hitachi

Drehplatte/
main drive PCB

REV 1.0

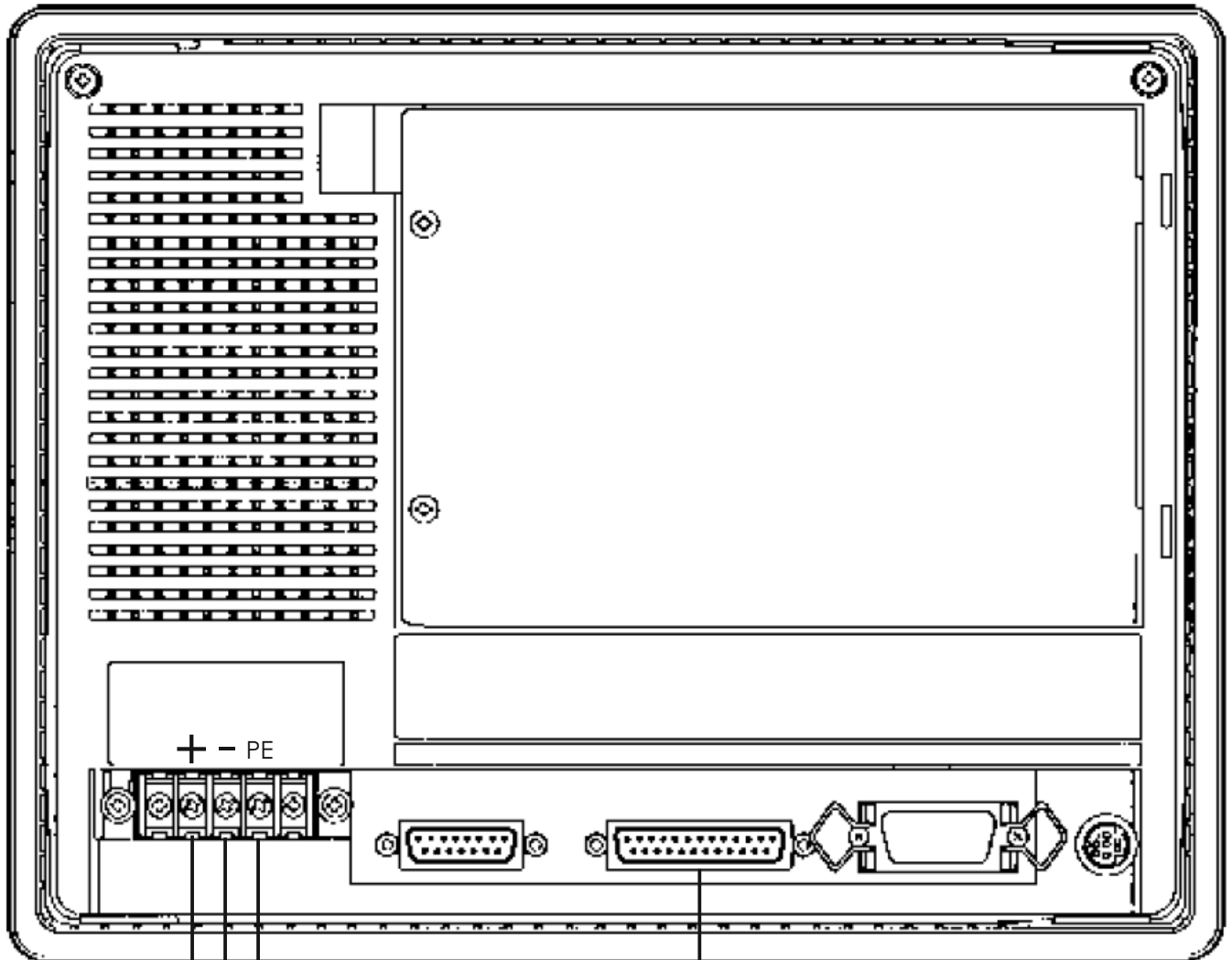
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C1 Touch/
touch

E7

XELEREP105438



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