

φ AANSLUITKLEM KLEMMENKAST ANSCHLUSSKLEMME KLEMMKASTEN TERMINAL CONNECTION BOX	⊕ AANSLUITKLEM TRANSISTOR ANSCHLUSSKLEMME TRANSISTOR TERMINAL TRANSISTOR	φ AANSLUITKLEM PLC-SLAVE ANSCHLUSSKLEMME SPS-SLAVE TERMINAL PLC-SLAVE
φ AANSLUITKLEM BEDIENINGSKAST ANSCHLUSSKLEMME STEUERPUIT TERMINAL CONTROL BOX	⊕ AANSLUITKLEM PLC ANSCHLUSSKLEMME SPS TERMINAL PLC	

TYPE	OMSCHRIJVING UMSCHREIBUNG DESCRIPTION	PLC PROG: SPS PROG: PLC PROG:
M250DLPN	FPX-OL(E)	M-D-02A

REV.	DATUM DATUM DATE	OPMERKING BEMERKUNG REMARK

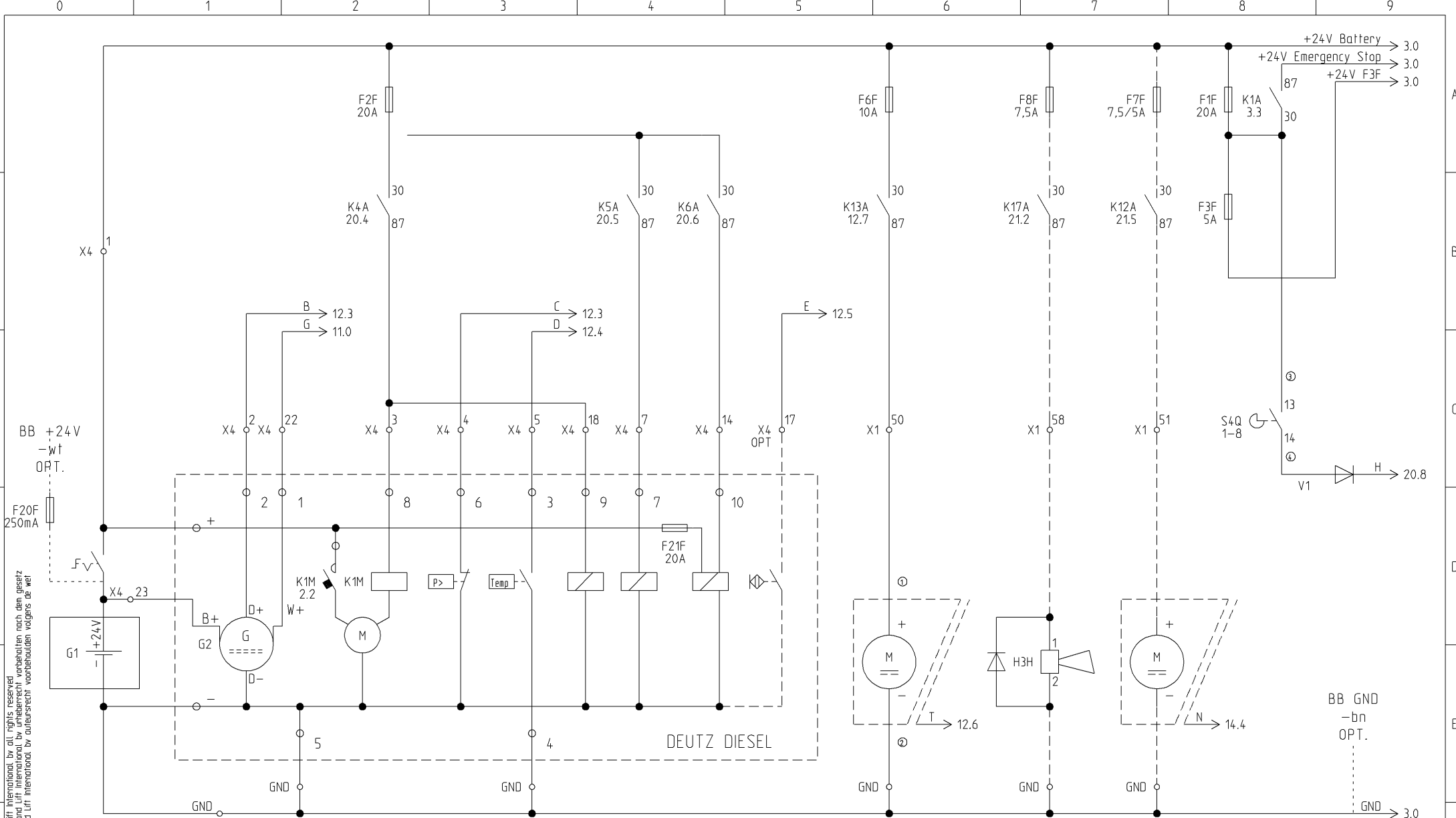
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		=	+	Blatt: 1



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- | | | | | | | | | | | |
|---------|-------------|-------|------------|------------|----------|--------------|---------|--------------|--------------|---------------------|
| Starter | Olgedruk | Temp. | St. Klep | Start koul | Toer. | Luchtfilter | Koeler | Claxon | Vetpomp | Frame Dieselmotor |
| M | Oilpressure | Temp. | St. Ventil | Start kalt | E. Speed | Luffilter | Kuehler | Hupe | Fett Pumpe | Frame Diesel Engine |
| 2.2 | | | St. Valve | Start cold | Drehz. | AIR - Filter | Coole | Horn | Grease Pump | |
| | | | | | | Optie/Option | | Optie/Option | Optie/Option | |

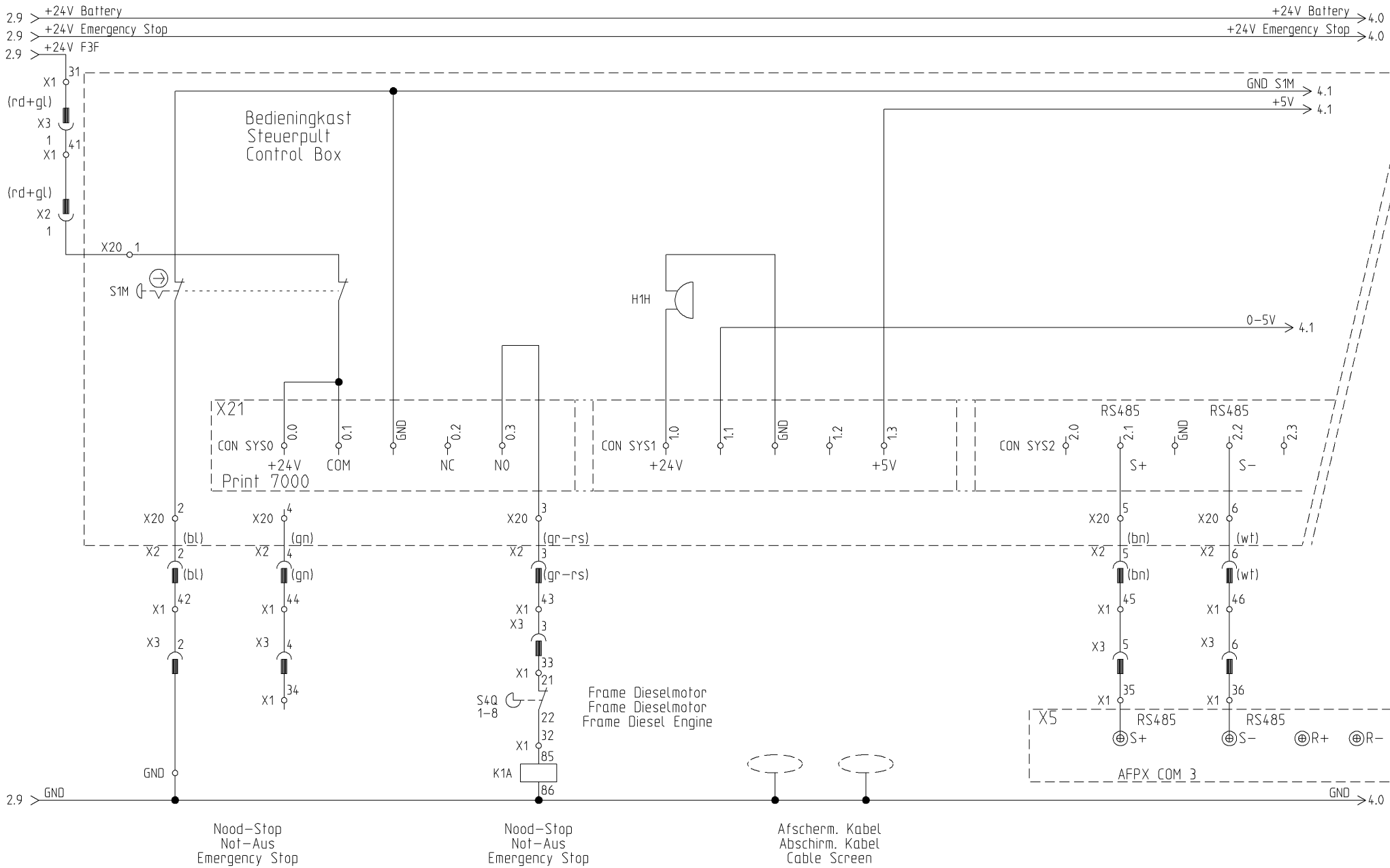
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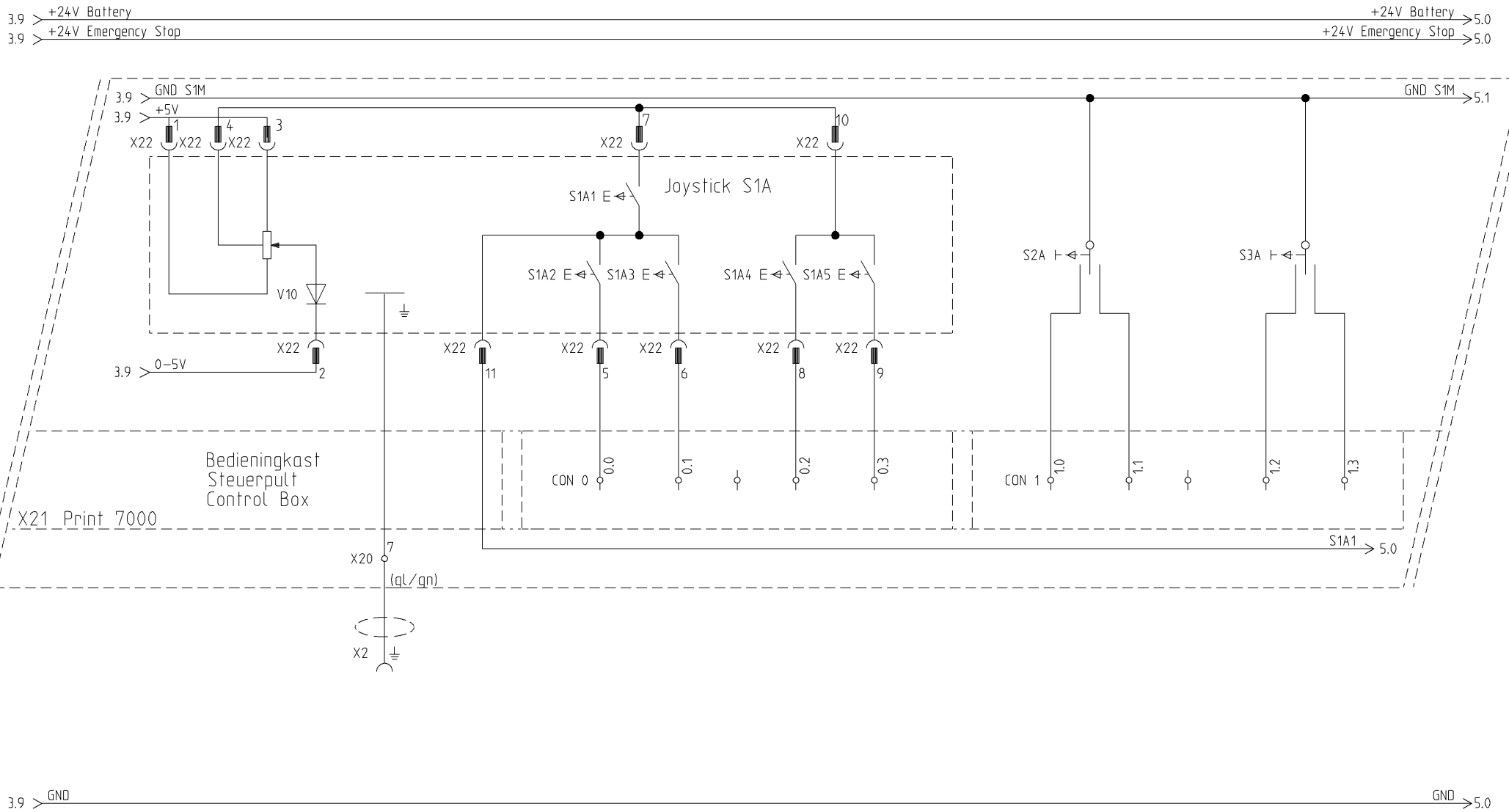
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STROOMKRINGSHEMA
 STROMLAUFPLAN
 CIRCUIT DIAGRAM

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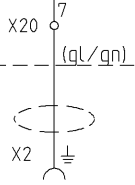


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Bedieningkast
Steuerpult
Control Box

X21 Print 7000



- S1A1 Dodemansknop
- Op-Joysick-Neer
- Links-Sturen-Rechts
- Claxon-Sign.gever
- Sper/Diff
- Heffen/Dalen
- Rijden/Sturen
- S1A1 Totmansknop
- Auf-Joystick-Nieder
- Links-Lenken-Rechts
- Hupe-Signalgeber
- Sperr/Diff
- Heben/Senken
- Fahren/Lenken
- S1A1 Dead Man,s Button
- On-Joystick-Down
- Left-Steering-Right
- Horn-Signal
- Stip/Diff
- Lift Up/Lift Down
- Driving/Steering

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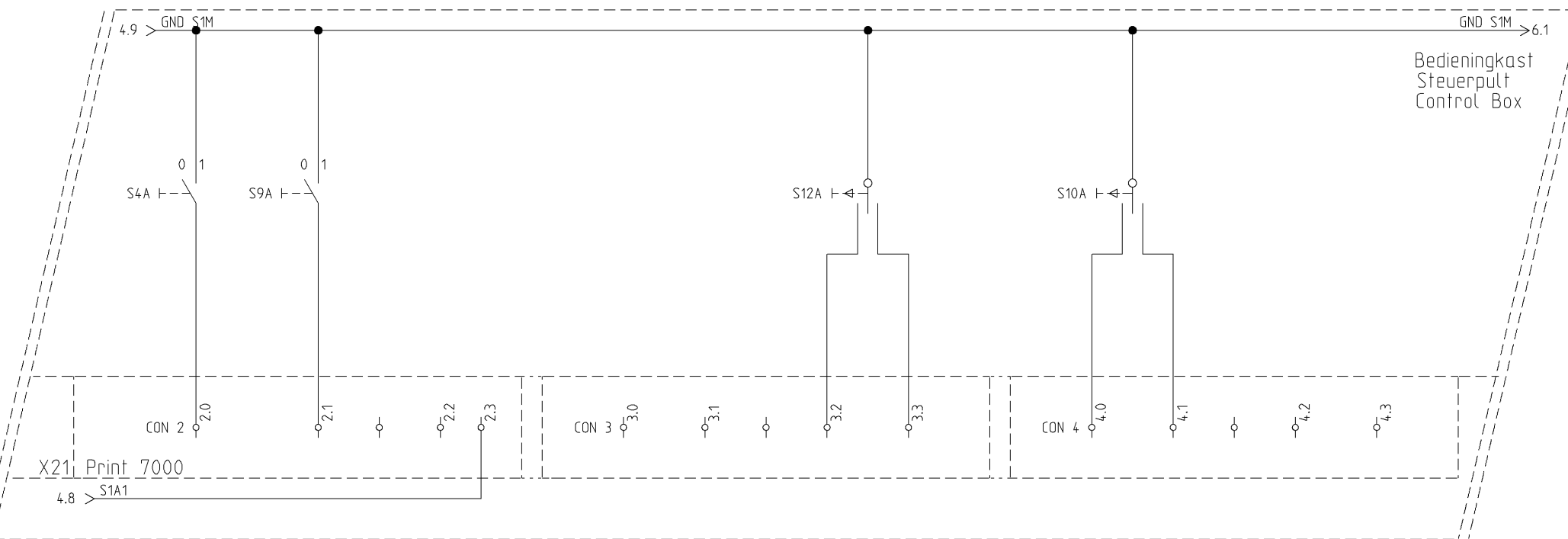
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4.9 > +24V Battery
 4.9 > +24V Emergency Stop

+24V Battery > 6.0
 +24V Emergency Stop > 6.0



S4A
 0 = Langzaam Langsam Slow
 1 = Snel Schnell Fast

S9A
 0 = Laag Niedrig Low
 1 = Autom. Autom. Autom.

4.9 > GND

GND > 6.0

Snelheid
 Geschwindigkeit
 Speed

Toerental
 Drehzahl
 Enging Speed

S1A1 Dodemansknop
 S1A1 Totmansknop
 S1A1 Dead Man's Button

4xN-Stempels-Autom. Niveleer
 4xN-Stuetzen-Autom. Nivel.
 4xN-Jack-Autom. Nivel

In-Plattform-Uit
 Ein-Plattform-Aus
 In-Plattform-Out

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Rev.:

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Datum:
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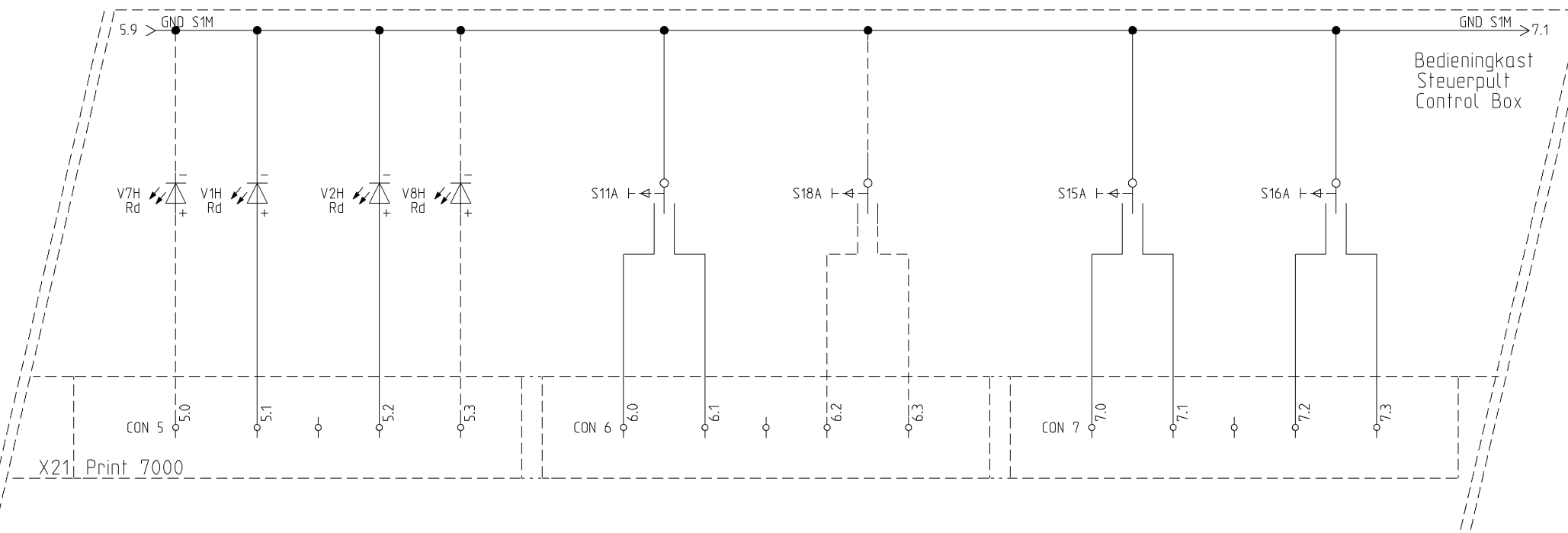
Anlage:

Ort:

Blatt:
 5

5.9 > +24V Battery
 5.9 > +24V Emergency Stop

+24V Battery > 7.0
 +24V Emergency Stop > 7.0



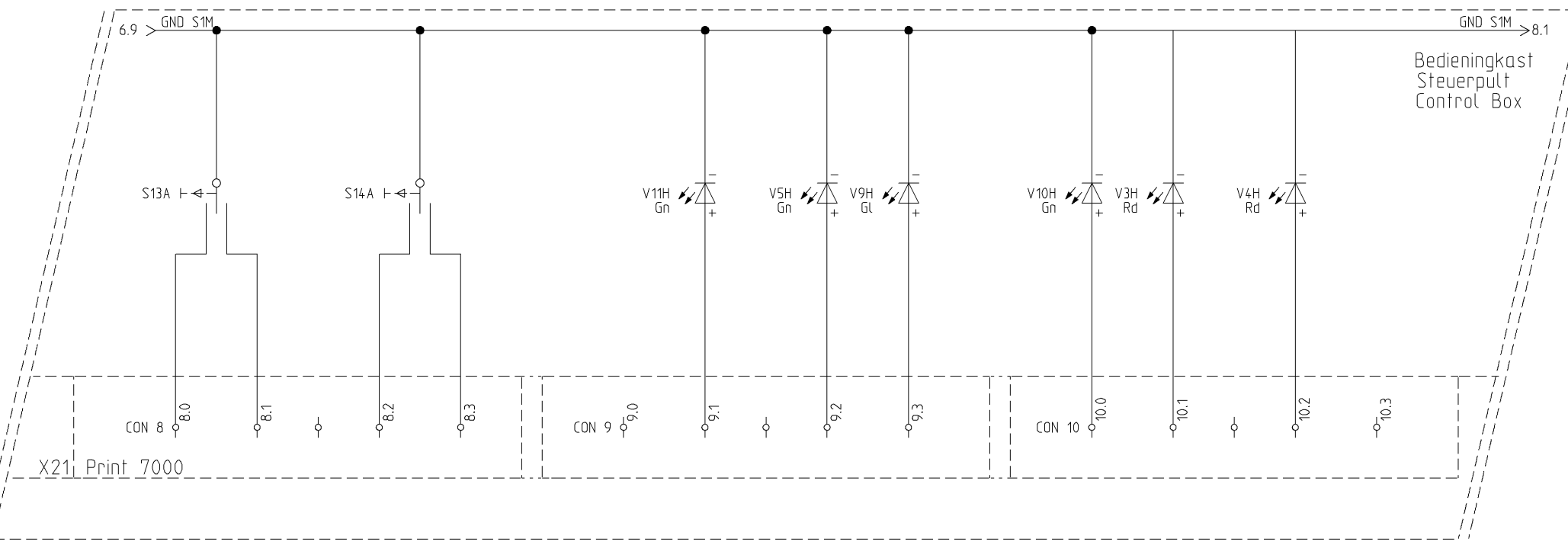
5.9 > GND GND > 7.0

Vetpomp Fett Pumpe Grease Pump	Overload Ueberlastung Overload	Scheefstand Neigung Grade/Slope	Tank leeg Tank leer Tank empty	Start - Motor - Stop Start - Motor - Halt Start - Engine - Stop	Aan Generator Uit An Generator Aus On Generator Off	LA in LH ein LR in	LA uit LH aus LR out	RA in RH ein RR in	RA uit RH aus RR out
Optie/Option		Optie/Option			Optie/Option	Stempels-Stuetzen-Jacks		Stempels-Stuetzen-Jacks	

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6.9 > +24V Battery
 6.9 > +24V Emergency Stop

+24V Battery > 8.0
 +24V Emergency Stop > 8.0



X21, Print 7000

6.9 > GND

GND > 8.0

LV in
LV uit
LV ein
LV aus
LF in
LF out

RV in
RV uit
RV ein
RV aus
RF in
RF out

Stempels in
Stuetzen ein
Jacks in

Stempels uit
Stuetzen aus
Jacks out

Autom. Niv.
Autom. Niv.
Autom. Niv.

In Bedrijf
In Betrieb
Run

Storing
Stoerung
Failure

Pendelas Horizontal
Pendel Achse Hor.
Oscillating Axle Hor.

Stempels-Stuetzen-Jacks Stempels-Stuetzen-Jacks

Diesel Motor

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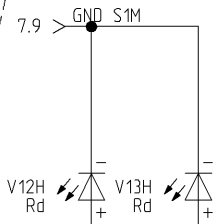
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7.9 > +24V Battery
 7.9 > +24V Emergency Stop

+24V Battery > 9.0
 +24V Emergency Stop > 9.0

Bedieningkast
 Steuerpult
 Control Box



CON 11 11.0

11.1

11.2

11.3

X21, Print 7000

7.9 > GND

GND > 9.0

Rijden/Sturen Heffen/Dalen
 Fahren/Lenken Heben/Senken
 Driving/Steering Lift Up/Lift Down

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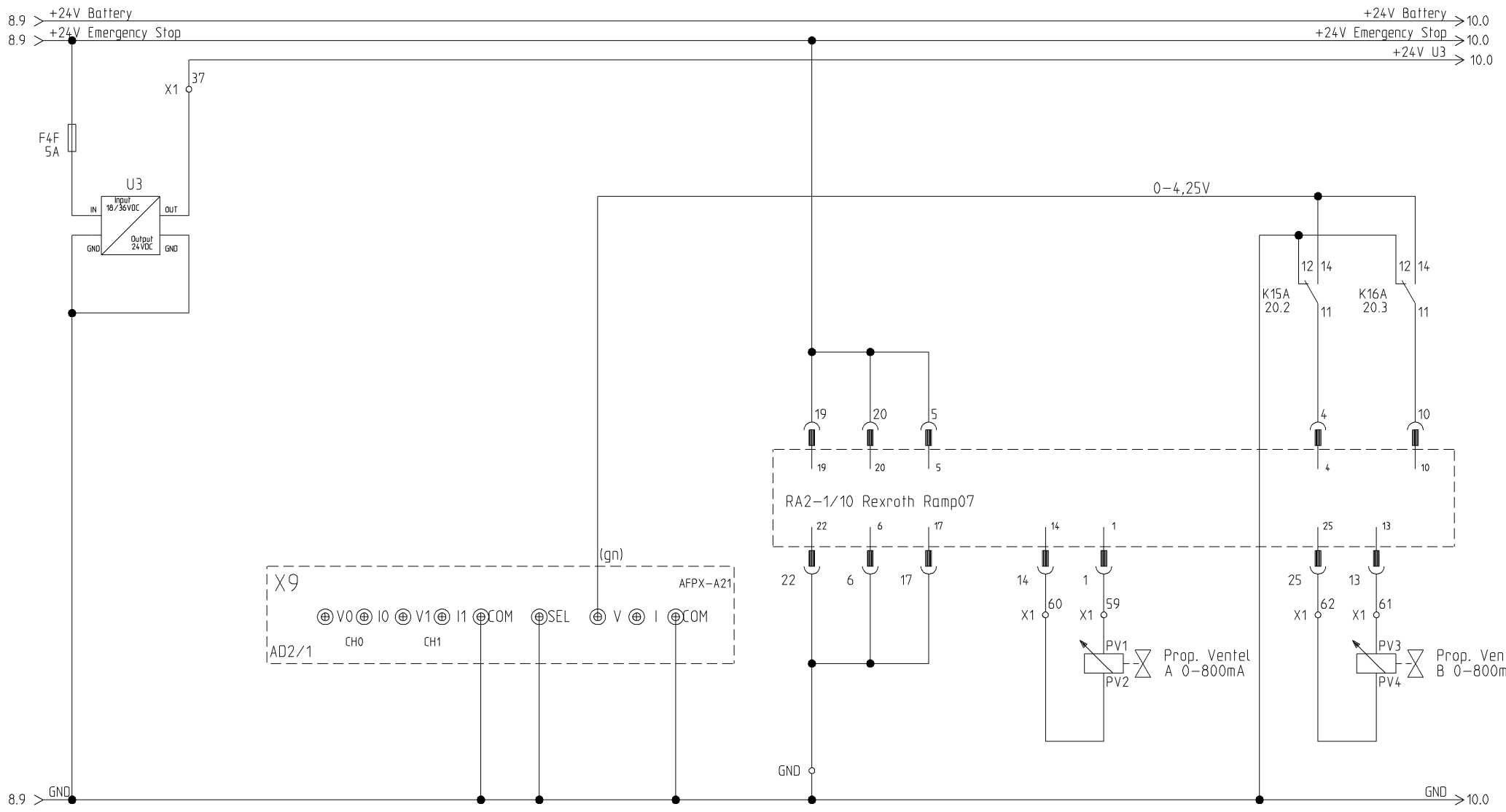
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STROOMKRINGSCHEMA
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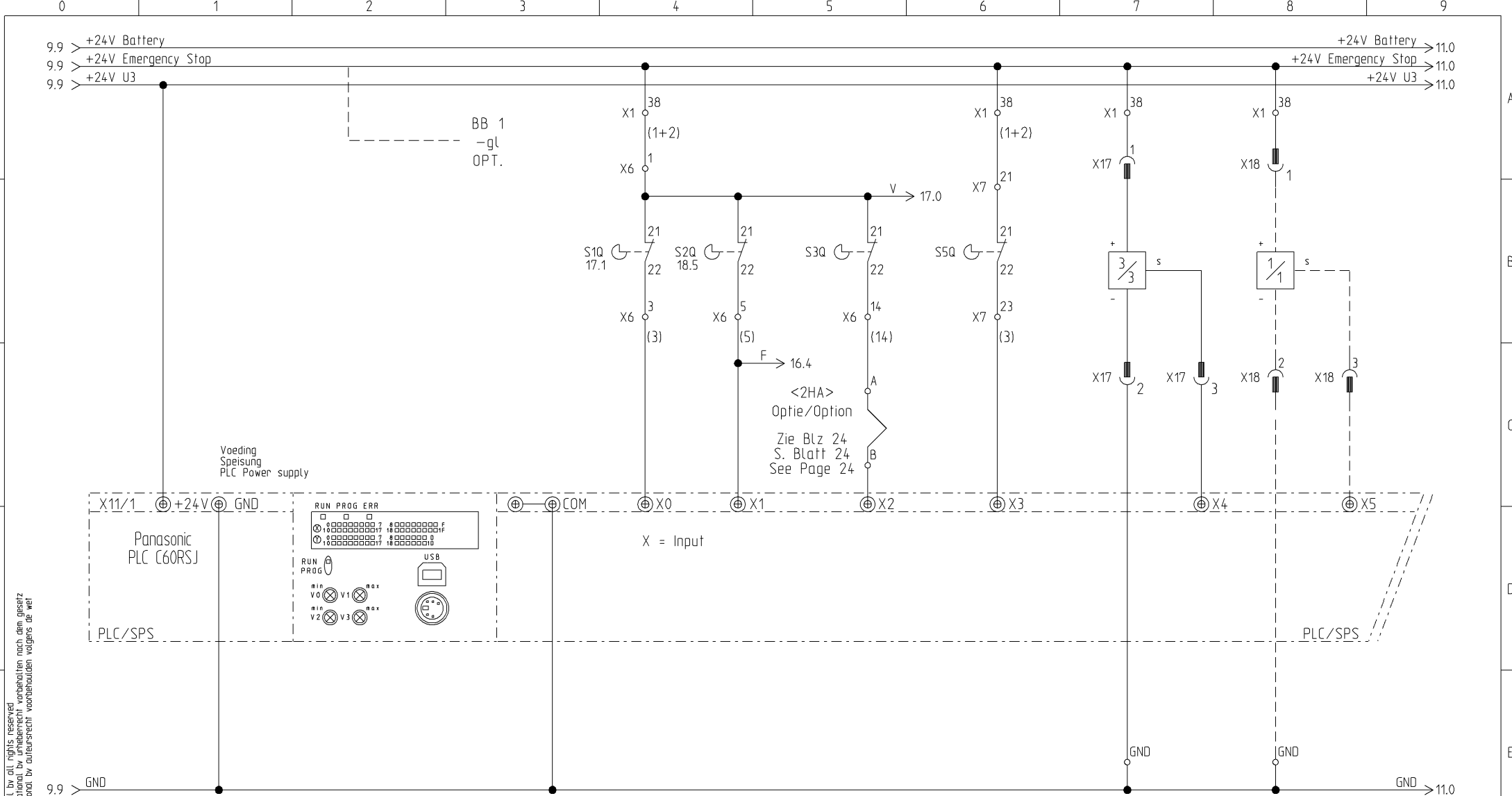
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Rijden Vooruit/Heffen/Gen.
 Fahren Forwaerts/Heben/Gen.
 Driving Forward/Lift Up/Gen.

Rijden Achteruit/Dalen
 Fahren Rueckwaerts/Senken
 Driving Reverse/Lift Down



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4 mtr. Afslag
 4 mtr. Ausschalt.
 4 mtr. Cut-Out
 8 mtr. Afslag
 8 mtr. Ausschalt.
 8 mtr. Cut-Out
 Max. Hoogte
 Max. Hoehe
 Max. Height
 Pendelas Horizontaal
 Pendel Achse Hor.
 Oscillating Axle Hor.
 Scheefstand 3/3
 Neigung 3/3
 Grade/Slope 3/3
 Scheefstand 1/1
 Neigung 1/1
 Grade/Slope 1/1
 Optie/Option

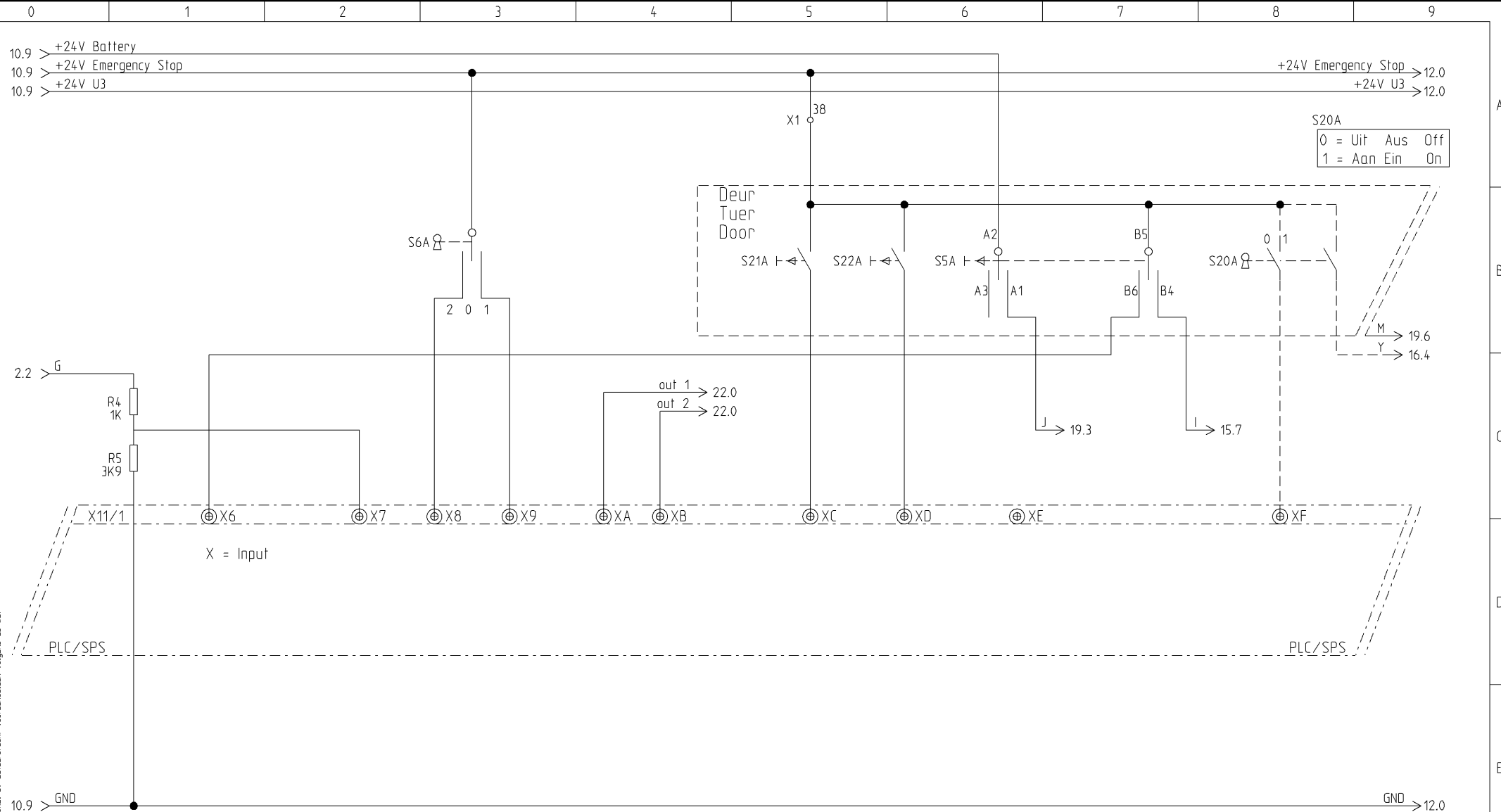


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STROOMKRINGSHEMA
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S20A
 0 = Uit Aus Off
 1 = Aan Ein On

Heffen Heben Lift Up	W+ Dieselmotor	Progr. Uit Progr. Aus Progr. Off	Aan An On	out 1 out 1 out 1	out 2 out 2 out 2	Start - Motor - Stop Start - Motor - Halt Start - Engine - Stop	Reserve Reserve Spare	Heffen - Dalem Heben - Senken Lift Up - Lift Down	Ri. max. Hoogte Fa. max. Hoeh Dr. max. Height
				— BPE —					Optie/Option
				— Overlast-Ueberlastung-Overload —					

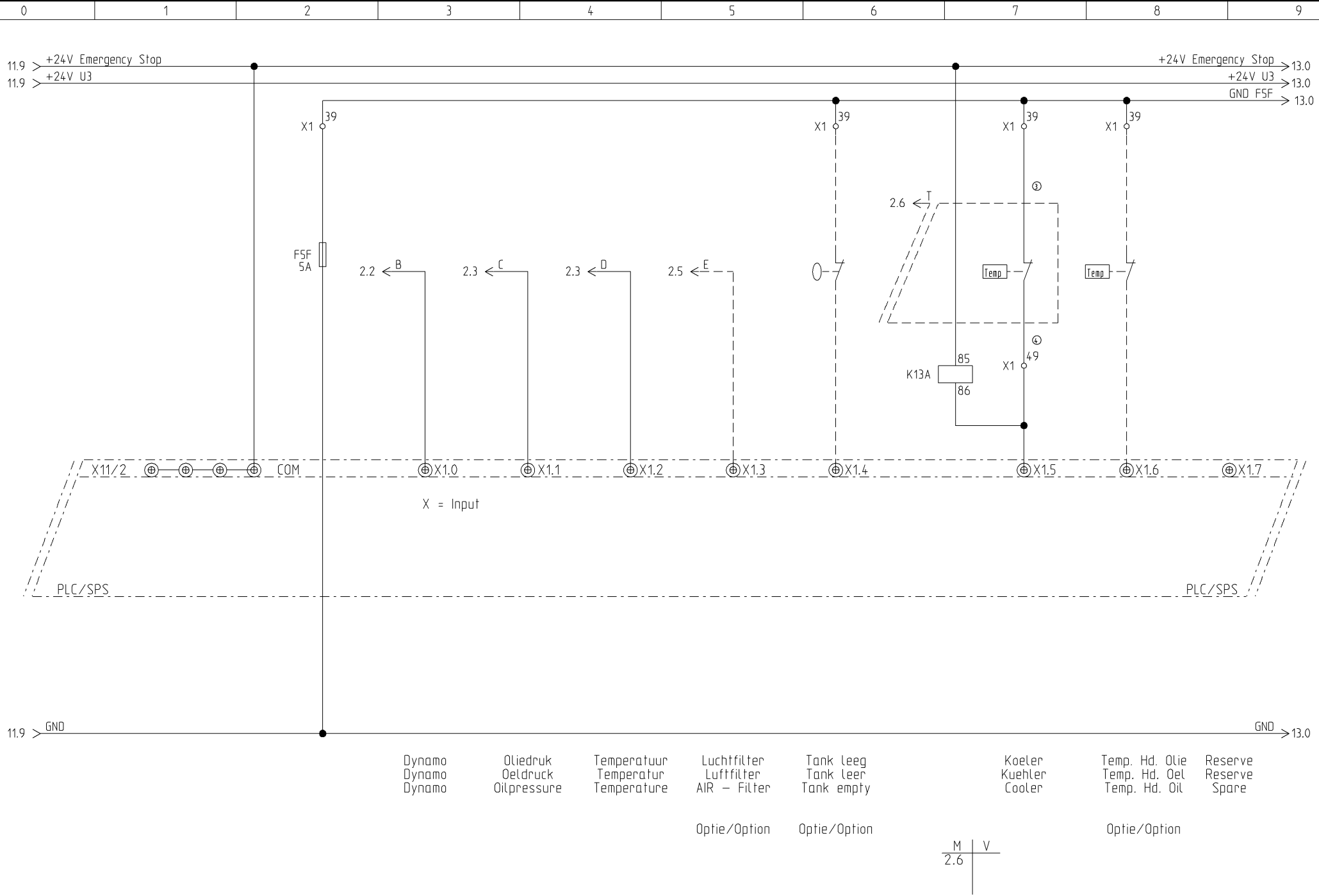


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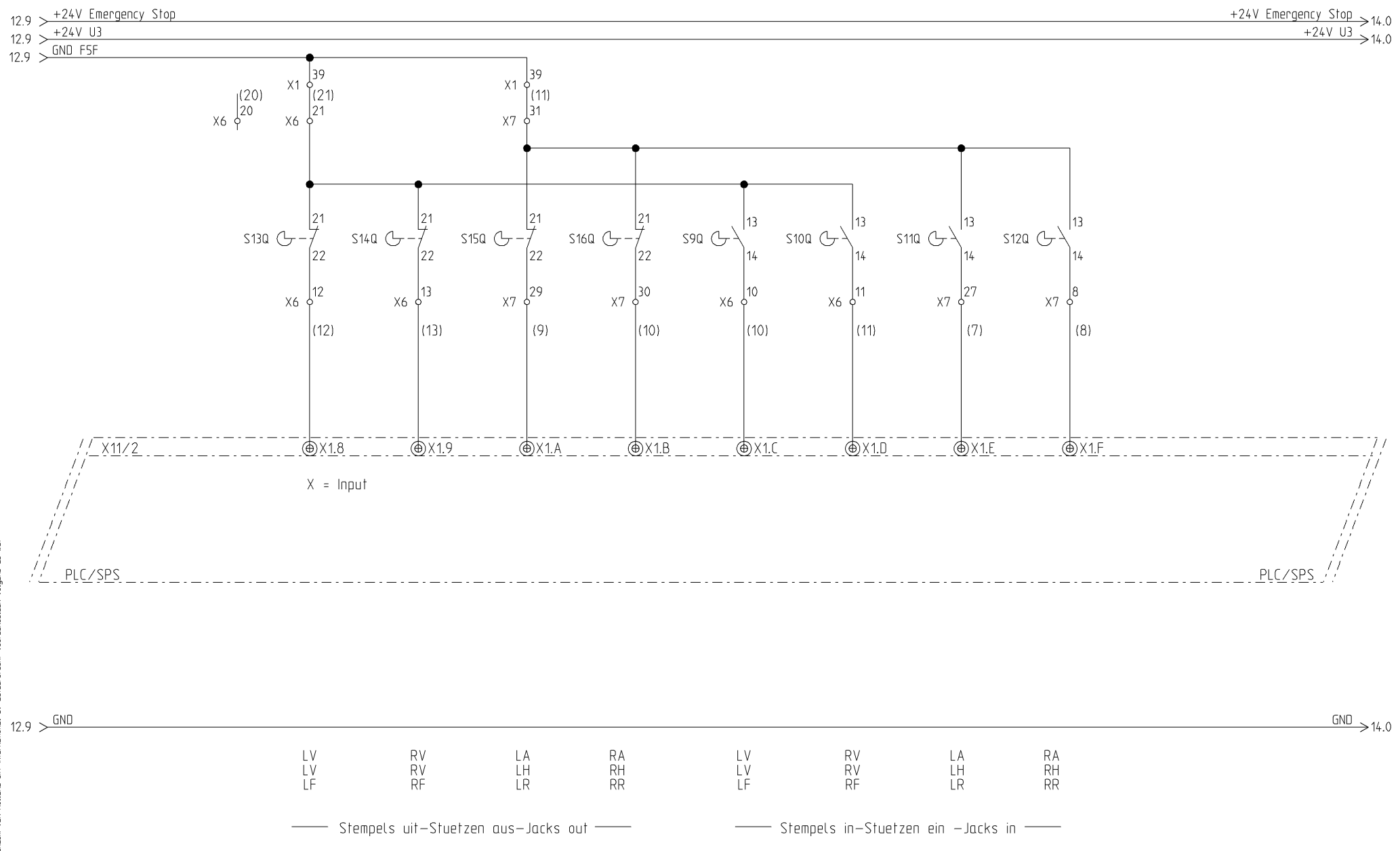


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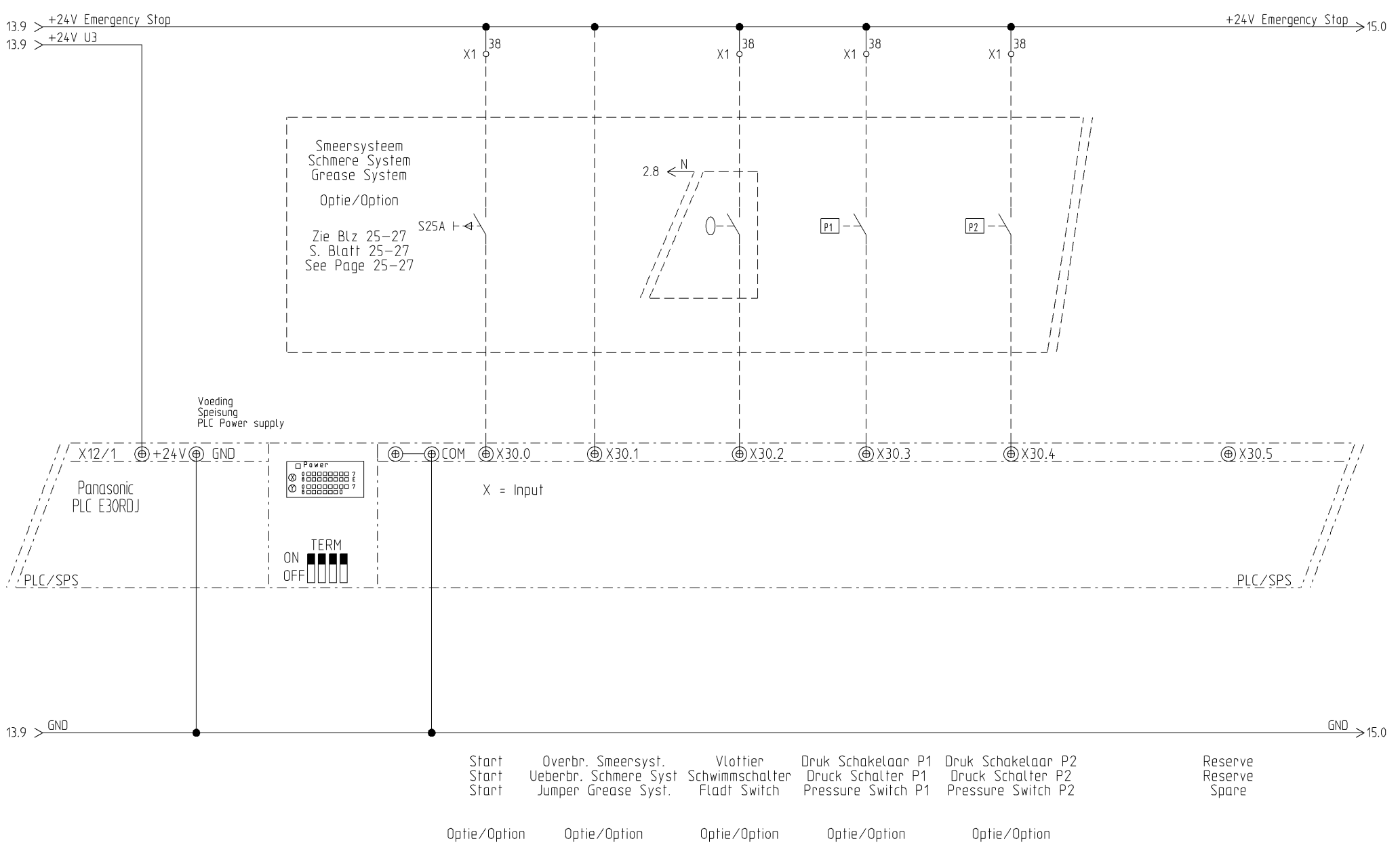


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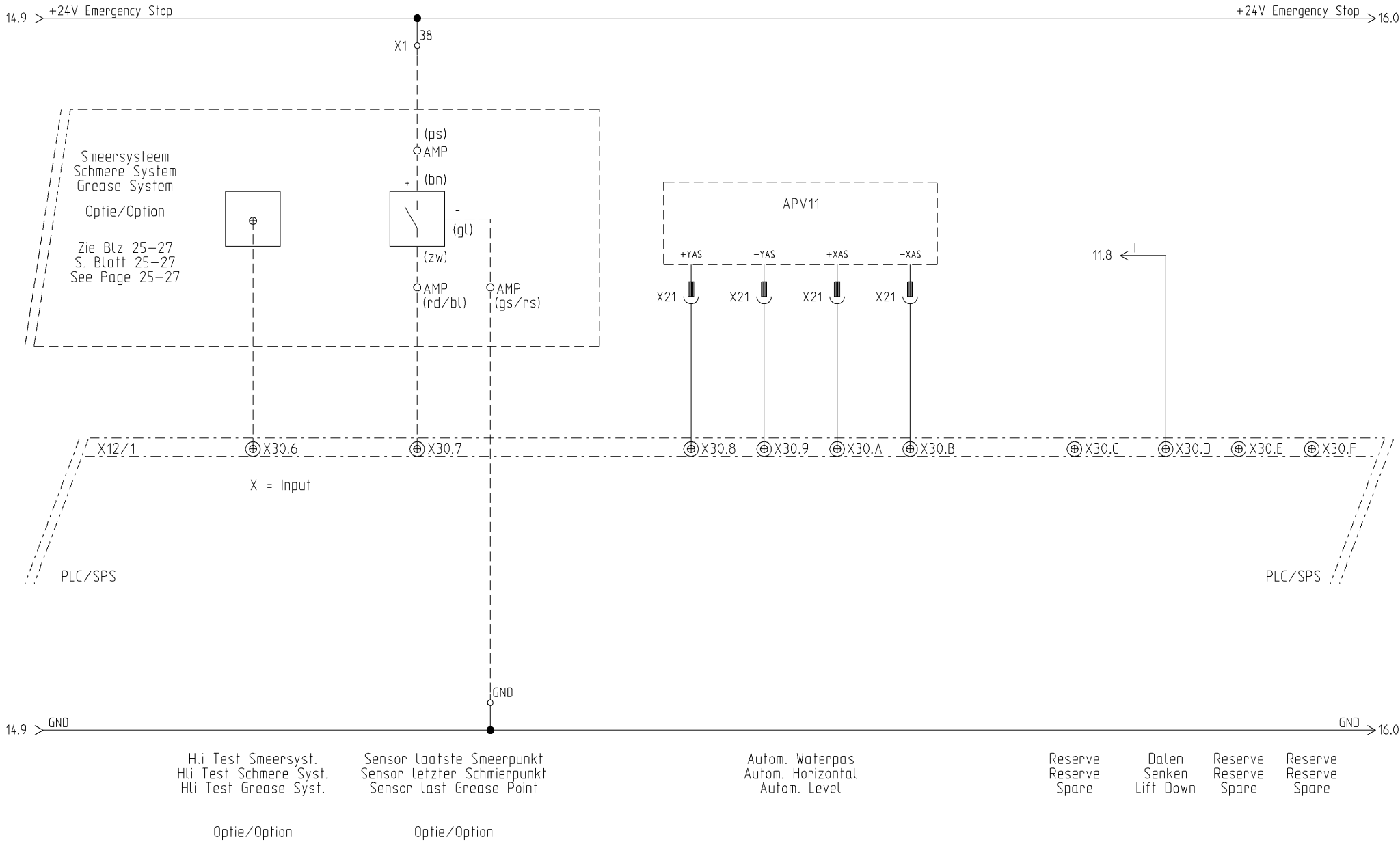
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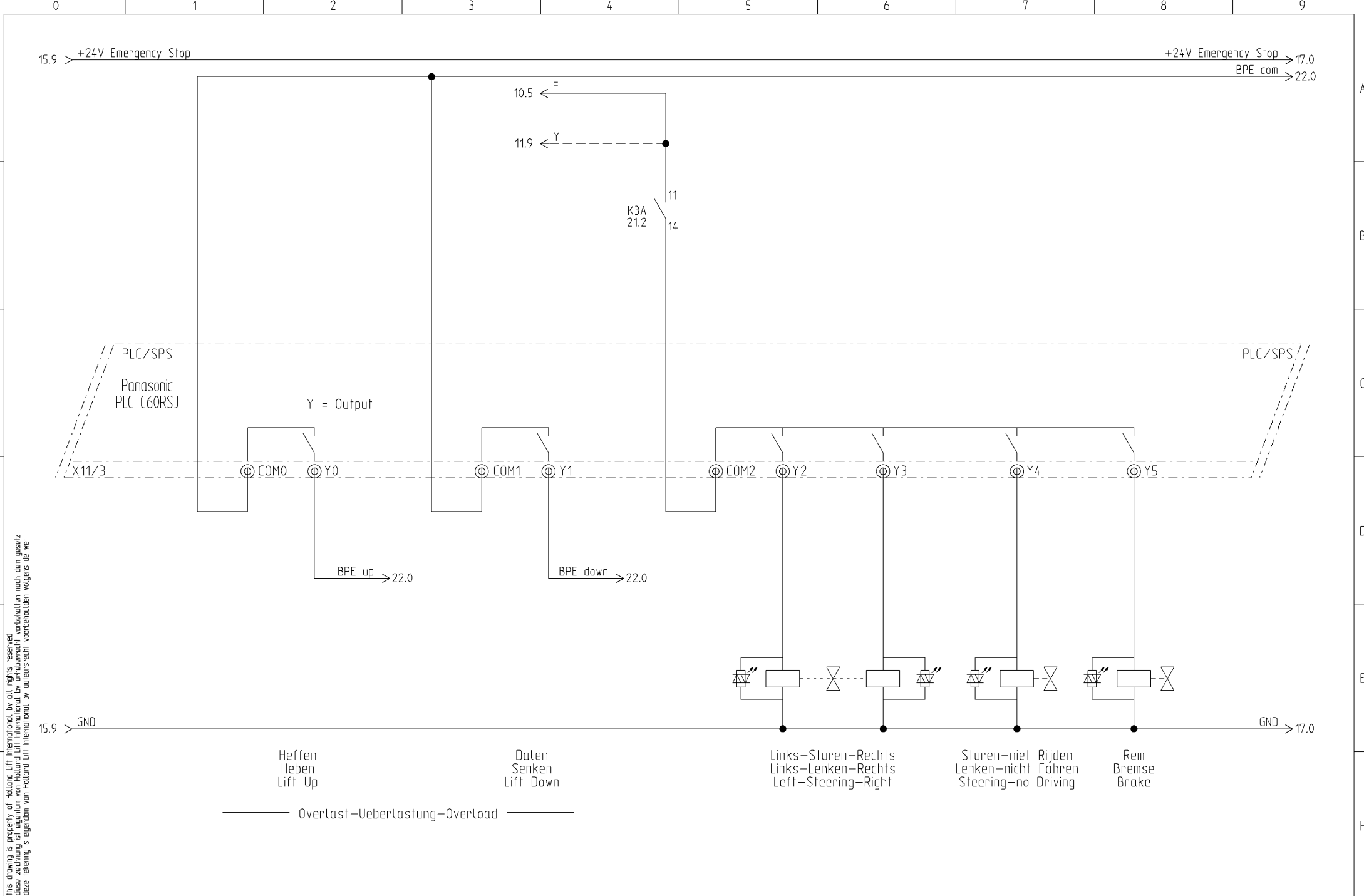


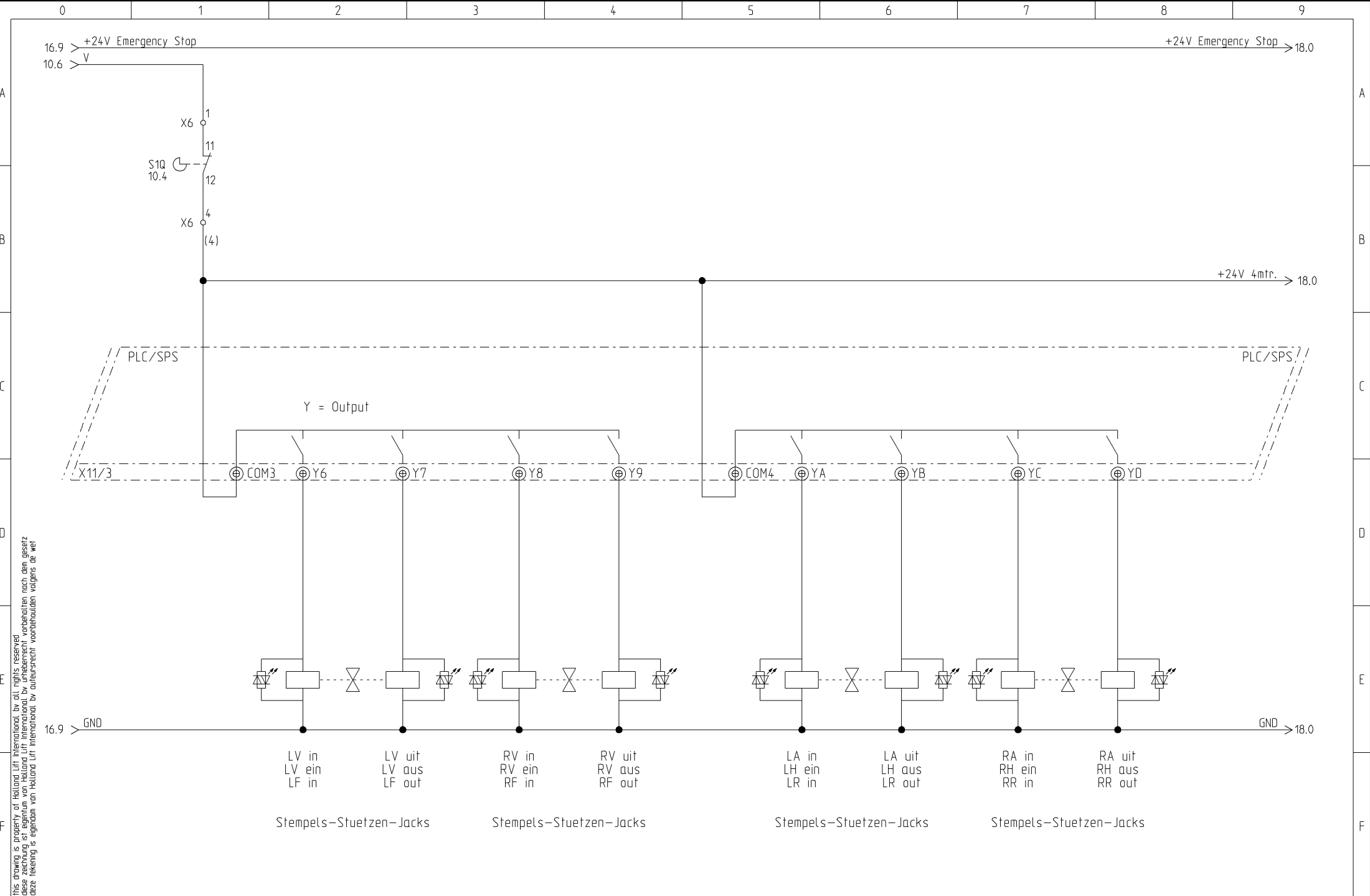
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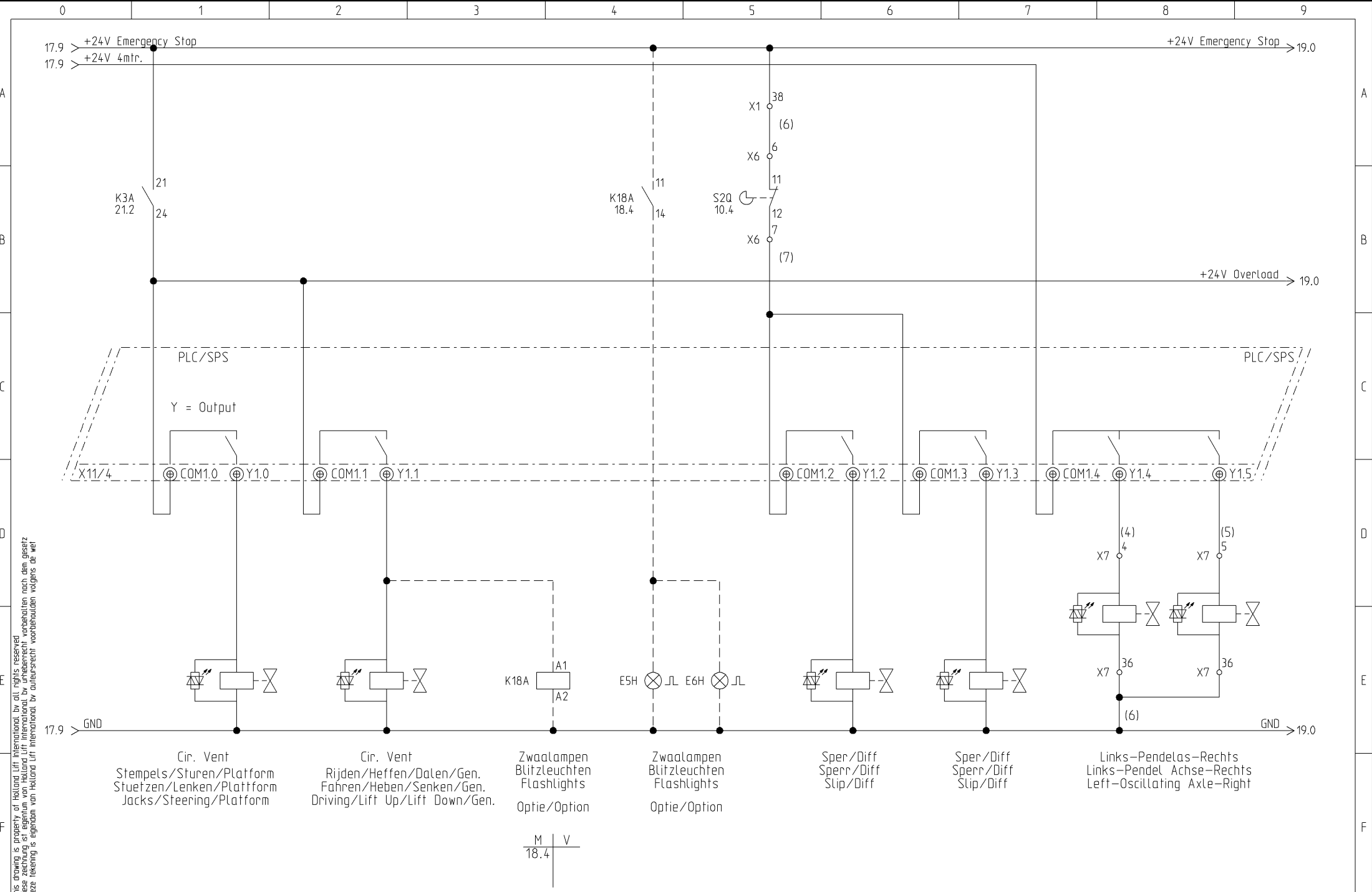
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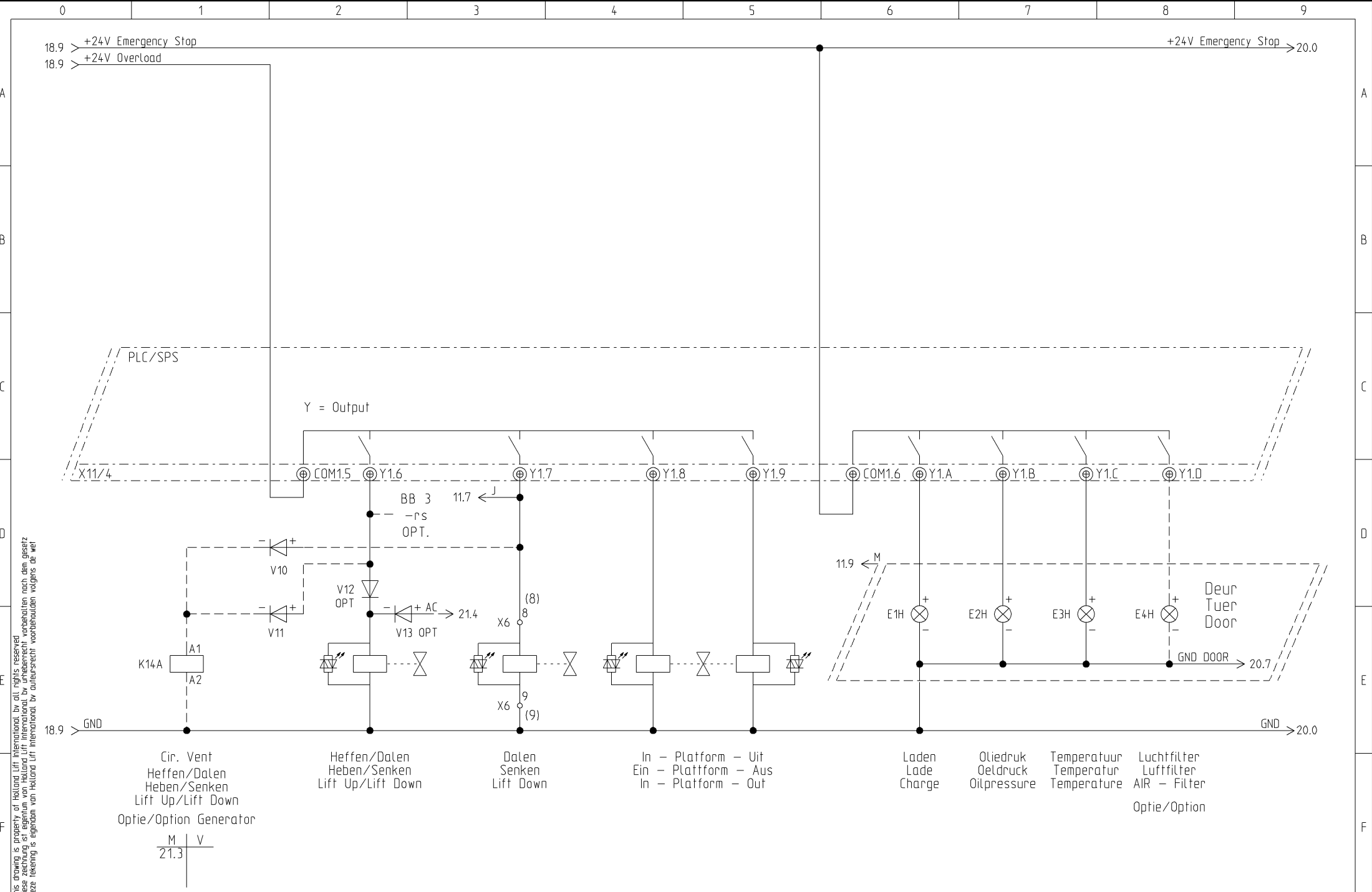
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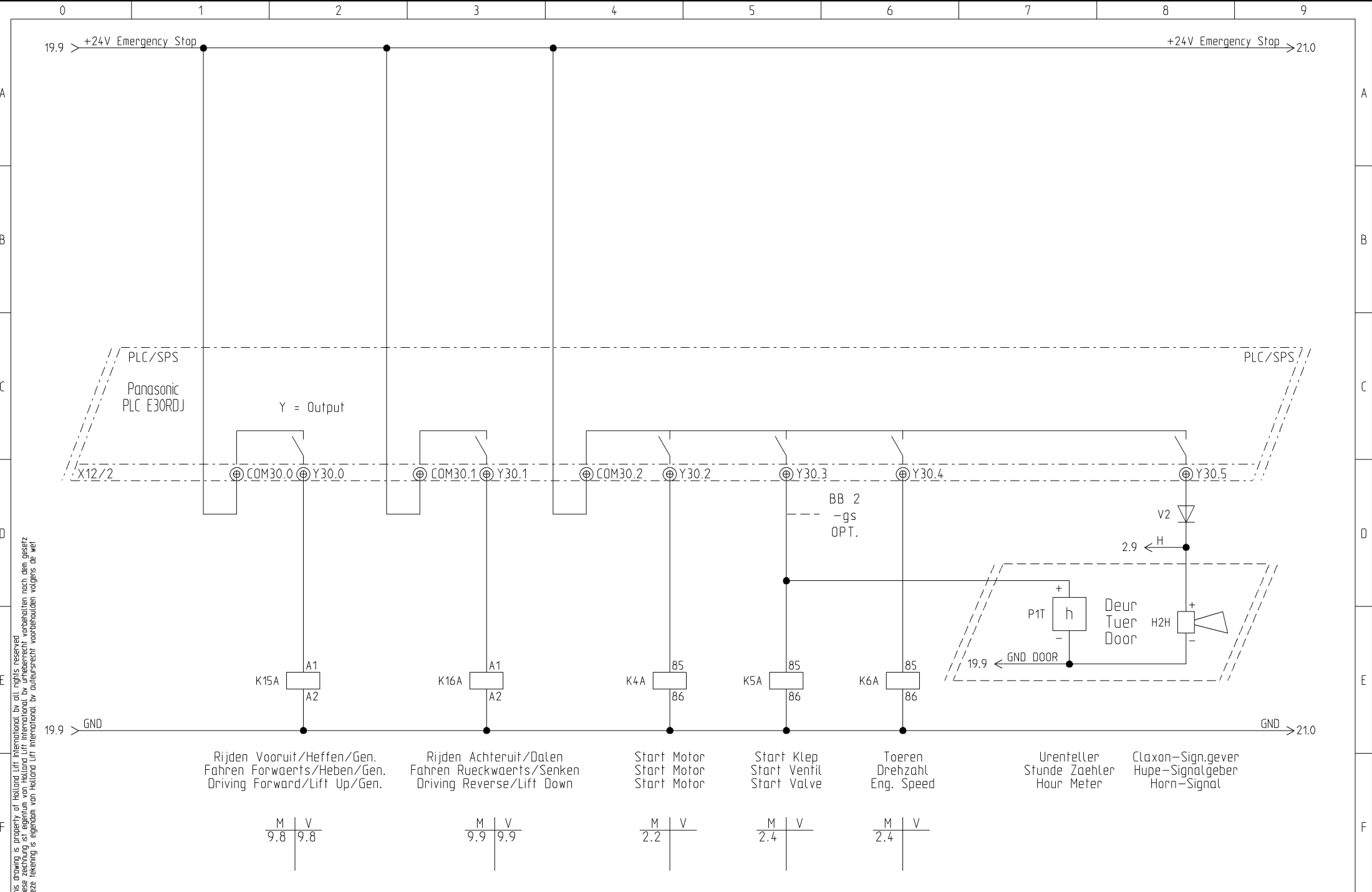
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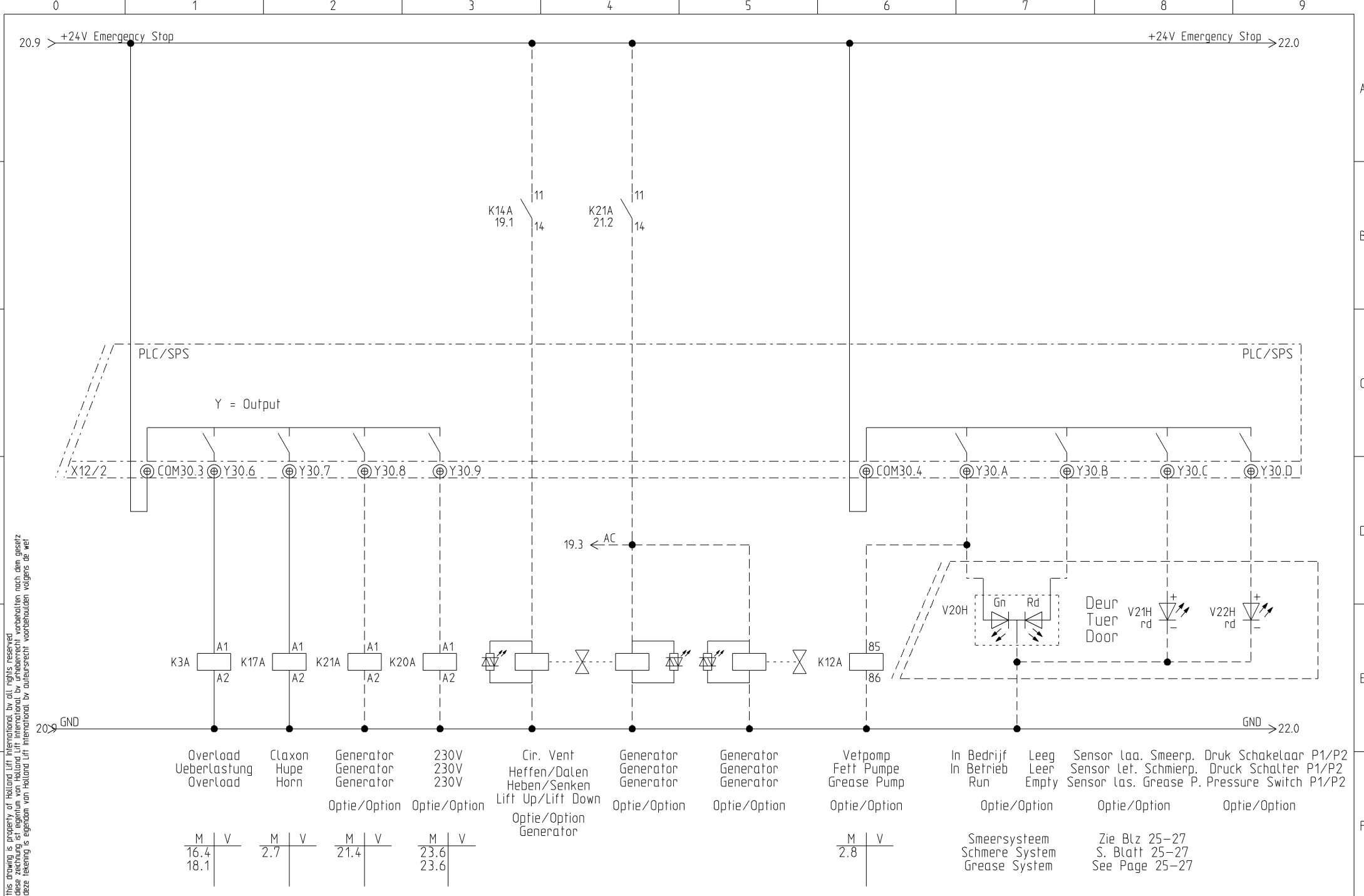
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Rev.:
 Ort: +

erstellt von: Rothenbusch
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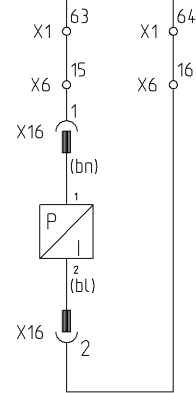
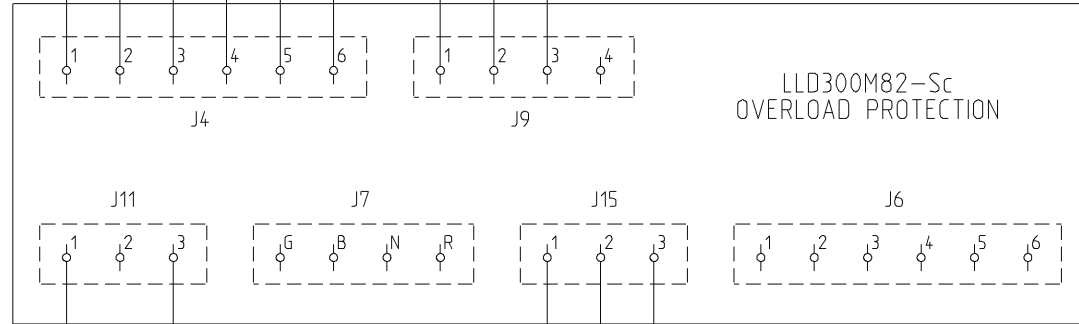


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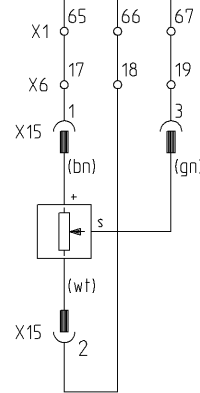
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21.9 > +24V Emergency Stop
 16.9 > BPE com
 16.2 > BPE up
 16.4 > BPE down
 11.4 > out 1
 11.4 > out 2
 21.9 > GND



Druk Meting
 Druck Messung
 Pressure Measuring
 4-20mA



Hoekmeting
 Winkel Messung
 Angle Measuring
 0-5V

GND! →

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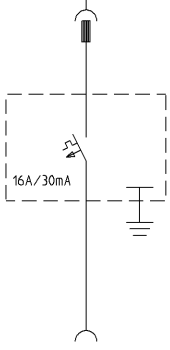
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OPTIES
OPTIONEN
OPTIONS

230V AANSLUITING PLATFORM
230V ANSCHLUSS PLATTFORM
230V SUPPLY PLATFORM

<230VPLF>

230V-50Hz/115V-50Hz

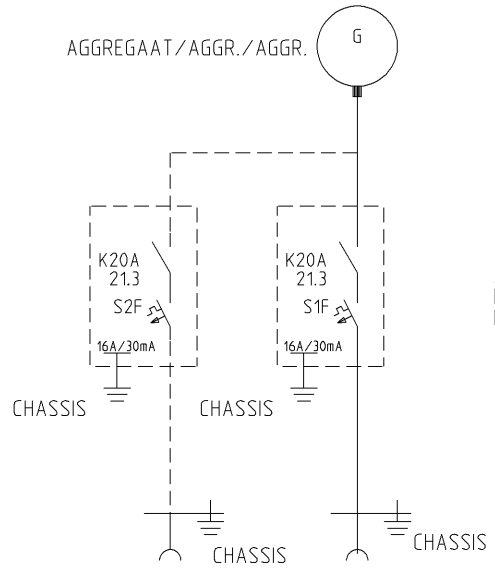


AARDLEKATOMAAT
FI SCHALTER
EARTH DETECTOR

230V AANSLUITING PLATFORM
230V ANSCHLUSS PLATTFORM
230V SUPPLY PLATFORM

<230V-GEN>

230V-50Hz/115V-50Hz



AARDLEKATOMAAT
FI SCHALTER
EARTH DETECTOR

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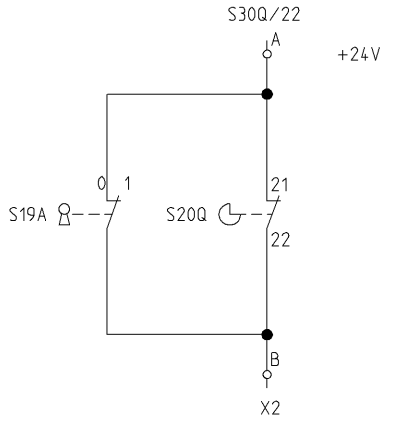
OPTIES
OPTIONEN
OPTIONS

Projekt: EM-20-002	Zeichnungsnummer:	Rev.:	erstellt von: Rothenbusch
Datum: 21.02.2017	Antage: =	Ort: +	Blatt: 23

OPTIES
OPTIONEN
OPTIONS

2e HOOGTE AFLSAG
2e HOEHE AUSSCHALTUNG
2nd HEIGHT CUT-OUT

<2HA>



Zie Blz 10
S. Blatt 10
See Page 10

S19A

0 = Max. Hoogte/Max. Hoehe/Max. Height
1 = 2e HOOGTE AFL./2e H. AUSS./2nd H. CUT-OUT

OPTIE BLACK-BOX MINI DAT					(HLI)
OPTION BLACK-BOX MINI DAT					
OPTION BLACK-BOX MINI DAT					
BB-wt	+24V DC	+24V DC	+24V DC	+24V DC	
BB-bn	GND	GND	GND	GND	
BB-gl	CH1	IN BEDRIJF	IN BETRIEB	RUNNING	
BB-gs	CH2	MOTOR	MOTOR	MOTOR	
BB-rs	CH3	HEFFEN	HEBEN	LIFT UP	
BB-bl	CH4	RIJDEN	FAHREN	DRIVING	
BB-rd	CH5	RESERVE	RESERVE	SPARE	

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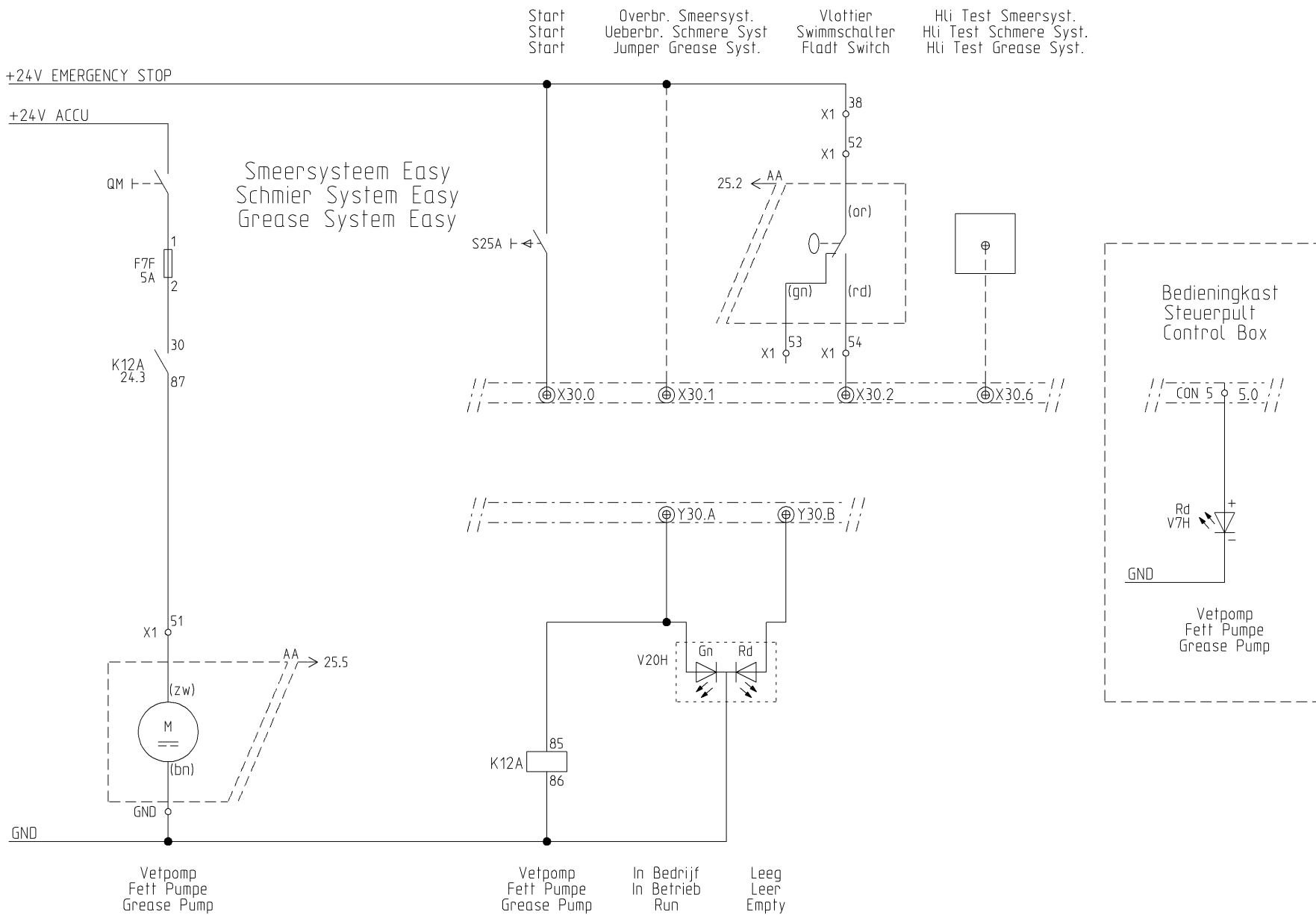


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OPTIES
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OPTIONS

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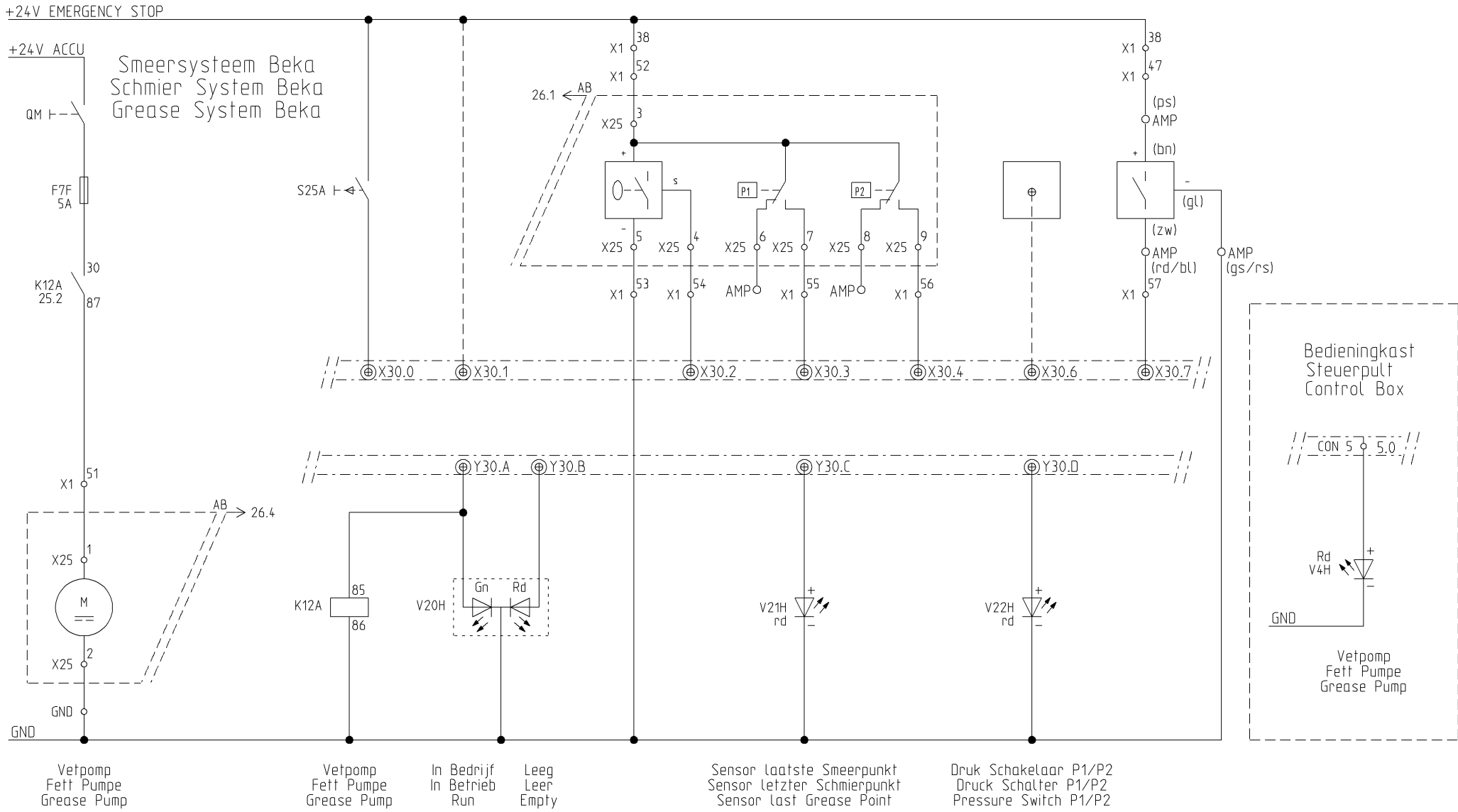
OPTIES OPTIONEN OPTIONS



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OPTIES OPTIONEN OPTIONS

Start Start Start Overbr. Smeersyst. Ueberbr. Schmere Syst. Jumper Grease Syst. Vlottier Swimmerschalter Fladt Switch Onderwagen P1 Chassis P1 Schaar P2 Schere P2 Scissor P2 Hli Test Smeersyst. Hli Test Schmere Syst. Hli Test Grease Syst. Sensor laatste Smeerpunt Sensor letzter Schmierpunkt Sensor Last Grease Point



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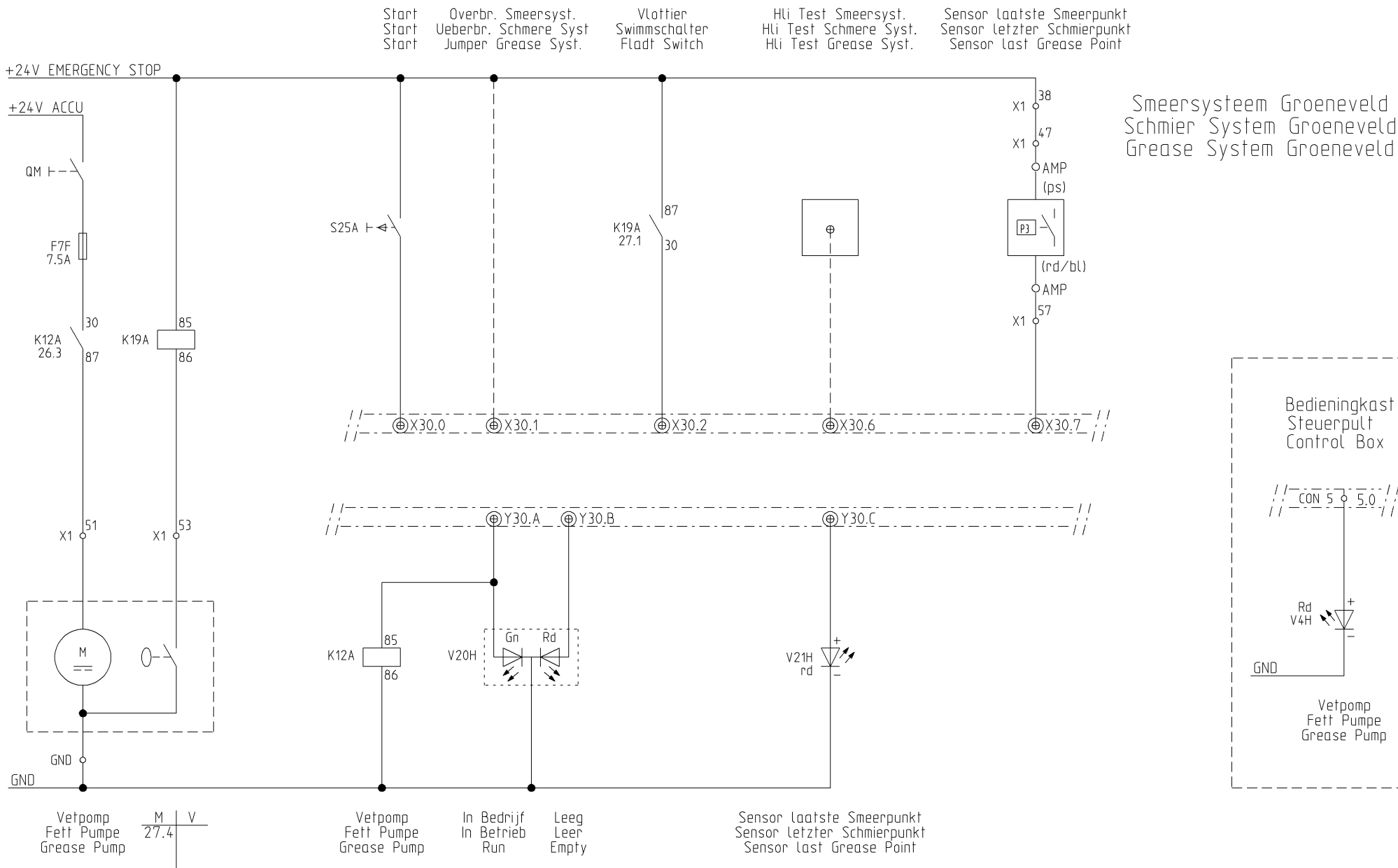


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OPTIES
 OPTIONEN
 OPTIONS

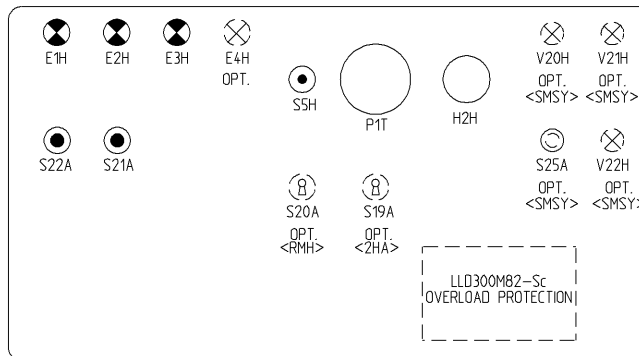
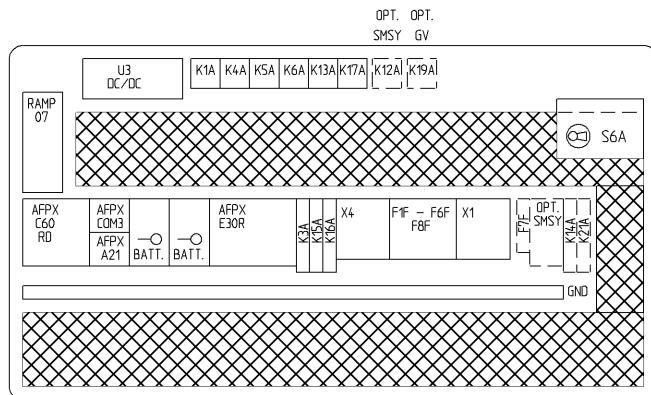
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Datum: 21.02.2017	Anlage: =	Ort: +	Blatt: 26

OPTIES
OPTIONEN
OPTIONS

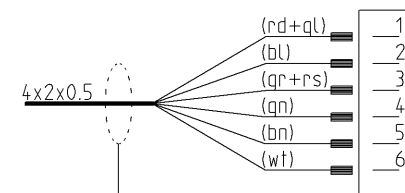
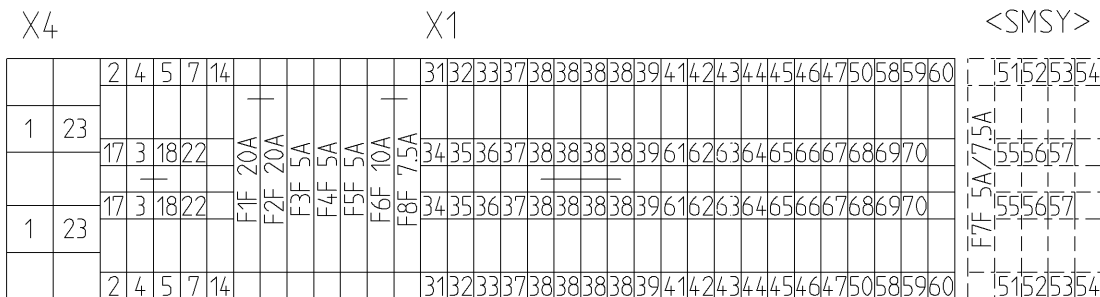
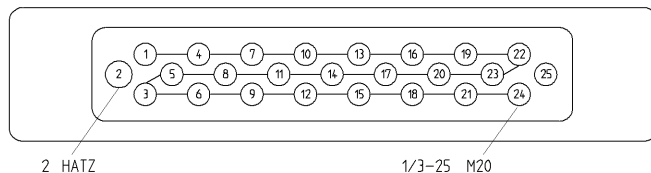


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KLEMMENKAST KLEMMENKASTEN CONNECTION BOX



Colour schedule			
Colour	Dutch	English	Deutsch
Rd	Rood	Red	Rot
Bl	Blauw	Blue	Blau
Gl	Geel	Yellow	Gelb
Gn	Groen	Green	Gruen
Zw	Zwart	Black	Schwarz
Wt	Wit	White	Weiss
Bn	Bruin	Brown	Braun
Rs	Roze	Pink	Rosa
Or	Oranje	Orange	Orange
Ps	Paars	Violet	Violett
Tp	Transp.	Transp.	Transp.
Gs	Grijs	Grey	Grau



AANSLUITING OP PLATFORM
ANSCHLUSS AUF PLATFORM
CONNECTION ON PLATFORM

Afscherming
niet aansluiten
(aftpapen)

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KASTEN/BEKABELING
KASTEN/KABEL
BOXES/CABLES

Projekt:
EM-20-002

Zeichnungsnummer:

Rev.:

erstellt von:
Rothenbusch

Datum:
21.02.2017

Anlage:

Ort:

Blatt:
28

KLEMMENKAST KLEMMENKASTEN CONNECTION BOX

WARTEL KABELEINF. GLAND NR.	KLEM KLEMME TERMINAL NR	FUNKTIE	FUNKTION	FUNCTION
1.1	φ 1	Voeding +24V	Speisung +24V	Power Supply +24V
1.2	GND	Voeding GND	Speisung GND	Power Supply GND
1.3	φ 23	+ Generator	+ Generator	+ Generator
2	DIV/VAR	Diesel	Diesel	Diesel
3.1	φ 38-GND-X4	Scheefstand	Neigung	Inclination
3.2	DIV/VAR	Auto Niv.	Auto Niv.	Auto Niv.
4.1	φ 38-GND-X5	Scheefstand Opt.	Neigung Opt.	Inclination Opt.
4.2	DIV/VAR	Koeler	Kuehler	Cooler
5.1	YA-GND	Stempels LA in	Stuetzen LH ein	Jacks LR in
5.2	YB-GND	Stempels LA uit	Stuetzen LH aus	Jacks LR out
6.1	YC-GND	Stempels RA in	Stuetzen RH ein	Jacks RR in
6.2	YD-GND	Stempels RA uit	Stuetzen RH aus	Jacks RR out
7.1	Y6-GND	Stempels LV in	Stuetzen LV ein	Jacks LF in
7.2	Y7-GND	Stempels LV uit	Stuetzen LV aus	Jacks LF out
8.1	Y8-GND	Stempels RV in	Stuetzen RV ein	Jacks RF in
8.2	Y9-GND	Stempels RV uit	Stuetzen RV aus	Jacks RF out
9	DIV/VAR	Lasdoos voor X6	Verteilerdose vorn X6	Connect. Box front X6
10	DIV/VAR	Lasdoos achter X7	Verteilerdose hinten X7	Connect. Box rear X7
11.1	Y1.2-GND	Sper/Diff. Ventiel	Sperr/Diff. Ventil	Stip/Diff. Valve
11.2	Y1.3-GND	Sper/Diff. Ventiel	Sperr/Diff. Ventil	Stip/Diff. Valve
12.1	Y1.0-GND	Cir. Ve. Stu.-Pla.-Ste.	Cir. Ve. Len.-Pla.-Stu.	Cir. Va. Ste.-Pla.-Jac.
12.2	Y1.1-GND	Cir. Ve. Rij.-Hef.-Dal.	Cir. Ve. Fah.-Heb.-Sen.	Cir. Va. Dri.-Li. Up/Do
13.1	Y5-GND	Rem	Bremse	Brake
13.2	Y4-GND	Sturen	Lenken	Steering
14.1	Y1.6-GND	Heffen/Dalen	Heben/Senken	Lift Up/Lift Down
14.2	φ 58 -GND	Claxon	Horn	Horn
15.1	Y2-GND	Sturen Links Voor	Lenken Links Vorn	Steering Left Front
15.2	Y3-GND	Sturen Rechts Voor	Lenken Rechts Vorn	Steering Right Front
16.1	Y1.8-GND	Platform in	Plattform ein	Platform in
16.2	Y1.9-GND	Platform uit	Plattform aus	Platform out
17.1	φ 59 -φ 60	Prop. Ventiel A	Prop. Ventil A	Prop. Valve A
17.2	φ 61 -φ 62	Prop. Ventiel B	Prop. Ventil B	Prop. Valve B

WARTEL KABELEINF. GLAND NR.	KLEM KLEMME TERMINAL NR	FUNKTIE	FUNKTION	FUNCTION
18.1	Y30.8-GND	Hydr. Aggregaat Opt.	Hydr. Aggr. Opt.	Hydr. Aggr. Opt.
18.2	DIV/VAR	RPM Teller Generator	RPM Zaehler Generator	RPM Meter Generator
19.1	Y30.9-GND	Relais Aggregaat Opt.	Relais Aggr. Opt.	Relais Aggr. Opt.
19.2	Y1-GND	Gen. Cir. Hef/Dal Opt.	Gen. Cir. Heb/Sen Opt.	Gen. Cir. Lift Opt.
19.3	φ 39 -X1.4	Tank leeg Opt.	Tank leer Opt.	Tank empty Opt.
20	DIV/VAR	WCD Onderwagen 6PM	WCD Unterwagen 6PM	Socket Below 6PM
21	DIV/VAR	WCD Platform 6PM	WCD Plattform 6PM	Socket Platform 6PM
22	DIV/VAR	Stekker Onderw. 6PF	Stecker Unterw. 6PF	Plug Below 6PF
23	DIV/VAR	Smeersysteem Opt.	Schmiere System Opt.	Grease System Opt.
24.1	φ 39 -X1.6	Temp. Hd. Olie Opt.	Temp. Hd. Oel Opt.	Temp. Hd. Oil Opt.
24.2	DIV/VAR	Frame Dieselmotor	Frame Dieselmotor	Frame Diesel Engine
25.1	Y0-GND	Zwaailamp Opt.	Blitzleuchte Opt.	Flashlight Opt.
25.2	Y0-GND	Zwaailamp Opt.	Blitzleuchte Opt.	Flashlight Opt.

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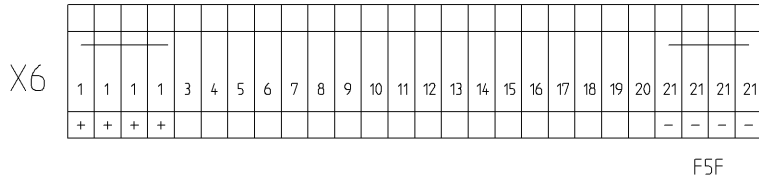
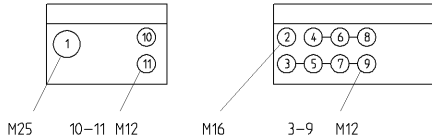
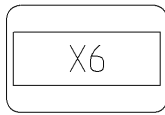
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KASTEN/BEKABELING
 KASTEN/KABEL
 BOXES/CABLES

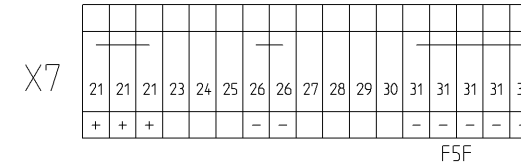
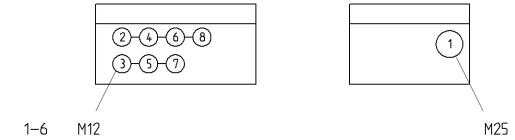
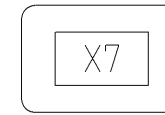
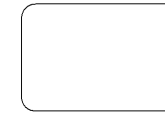
Projekt:	EM-20-002	Zeichnungsnummer:	Rev.:	erstellt von:
Datum:	21.02.2017	Antage:	Ort:	Rothenbusch
		=	+	Blatt:
				29

LASDOOS AFSLAGEN
 VERTEILERDOSE HOEHEAUSCHALTUNG
 MAXIMUM HEIGHT DISTRBUOR BOX



NR.	Omschrijving	Beschreibung	Descreption
1	Kabel Klemmenkast	Kabel Klemmenkasten	Cable Connection Box
2	4mtr. Afslag S1Q	4mtr. Ausschaltung S1Q	4mtr. Cut-out S1Q
3	8mtr. Afslag S2Q	8mtr. Ausschaltung S2Q	8mtr. Cut-out S2Q
4	Max. Hooqte Afslag S3Q	Max. Hoehe Ausschaltung S3Q	Max. Height Cut-out S3Q
5	Dalen	Senken	Lift Down
6	Eindschak. LV in S9Q	Endschalter LV ein S9Q	Limit Switch LF in S9Q
7	Eindschak. LV uit S13Q	Endschalter LV aus S13Q	Limit Switch LF out S13Q
8	Eindschak. RV in S10Q	Endschalter RV ein S10Q	Limit Switch RF in S10Q
9	Eindschak. RV uit S14Q	Endschalter RV aus S14Q	Limit Switch RF out S14Q
10	Druk Meting	Druck Messung	Pressure Measuring
11	Hoekmeting	Winkel Messung	Angle Measuring

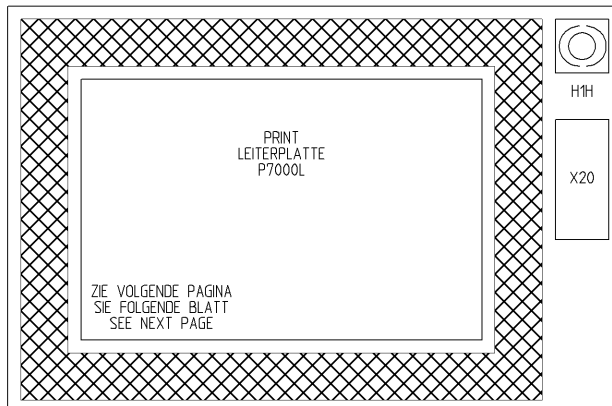
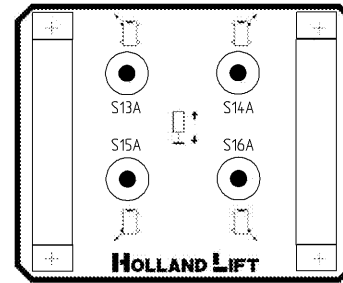
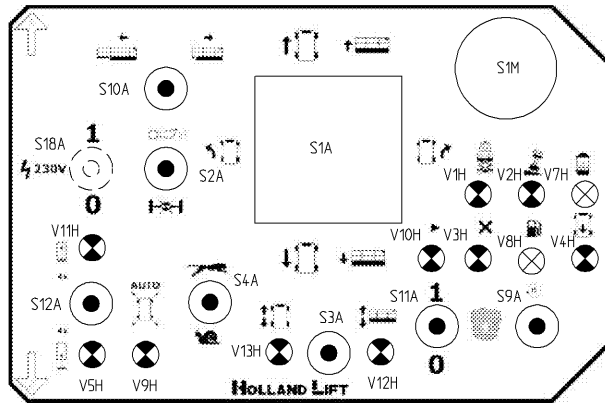
LASDOOS ACHTER
 VERTEILERDOSE HINTEN
 DISTRBUOR BOX REAR



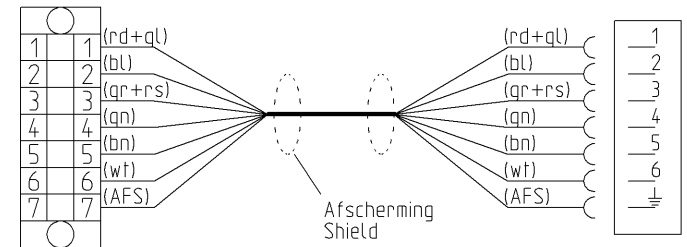
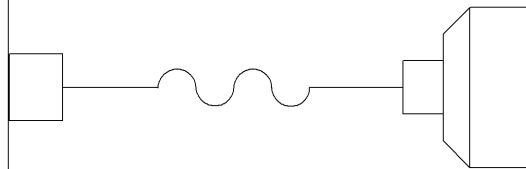
NR.	Omschrijving	Beschreibung	Descreption
1	Kabel Klemmenkast	Kabel Klemmenkasten	Cable Connection Box
2	Eindschak. LA in S11Q	Endschalter LA ein S11A	Limit Switch LR in S11Q
3	Eindschak. LA uit S15Q	Endschalter LA aus S15Q	Limit Switch LR out S15Q
4	Eindschak. RA in S12Q	Endschalter RA ein S12Q	Limit Switch RR in S12Q
5	Eindschak. RA uit S16Q	Endschalter RA aus S16Q	Limit Switch RR out S16Q
6	Pendelas Links	Pendel Achse Links	Oscillating Left
7	Pendelas Rechts	Pendel Rechts	Oscillating Right
8	Pendelas Horizontaal S18Q	Pendel Achse Hor. S18Q	Oscillating Axle S18Q

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BEDIENINGSKAST STEUERPULT CONTROL BOX



Colour schedule			
Colour	Dutch	English	Deutsch
Rd	Rood	Red	Rot
Bl	Blauw	Blue	Blau
Gl	Geel	Yellow	Gelb
Gn	Groen	Green	Gruen
Zw	Zwart	Black	Schwarz
Wt	Wit	White	Weiss
Bn	Bruin	Brown	Braun
Rs	Roze	Pink	Rosa
Or	Oranje	Orange	Orange
Ps	Paars	Violet	Violett
Tp	Transp.	Transp.	Transp.
Gs	Grijs	Grey	Grau



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KASTEN/BEKABELING
 KASTEN/KABEL
 BOXES/CABLES

Projekt:
 EM-20-002

Zeichnungsnummer:

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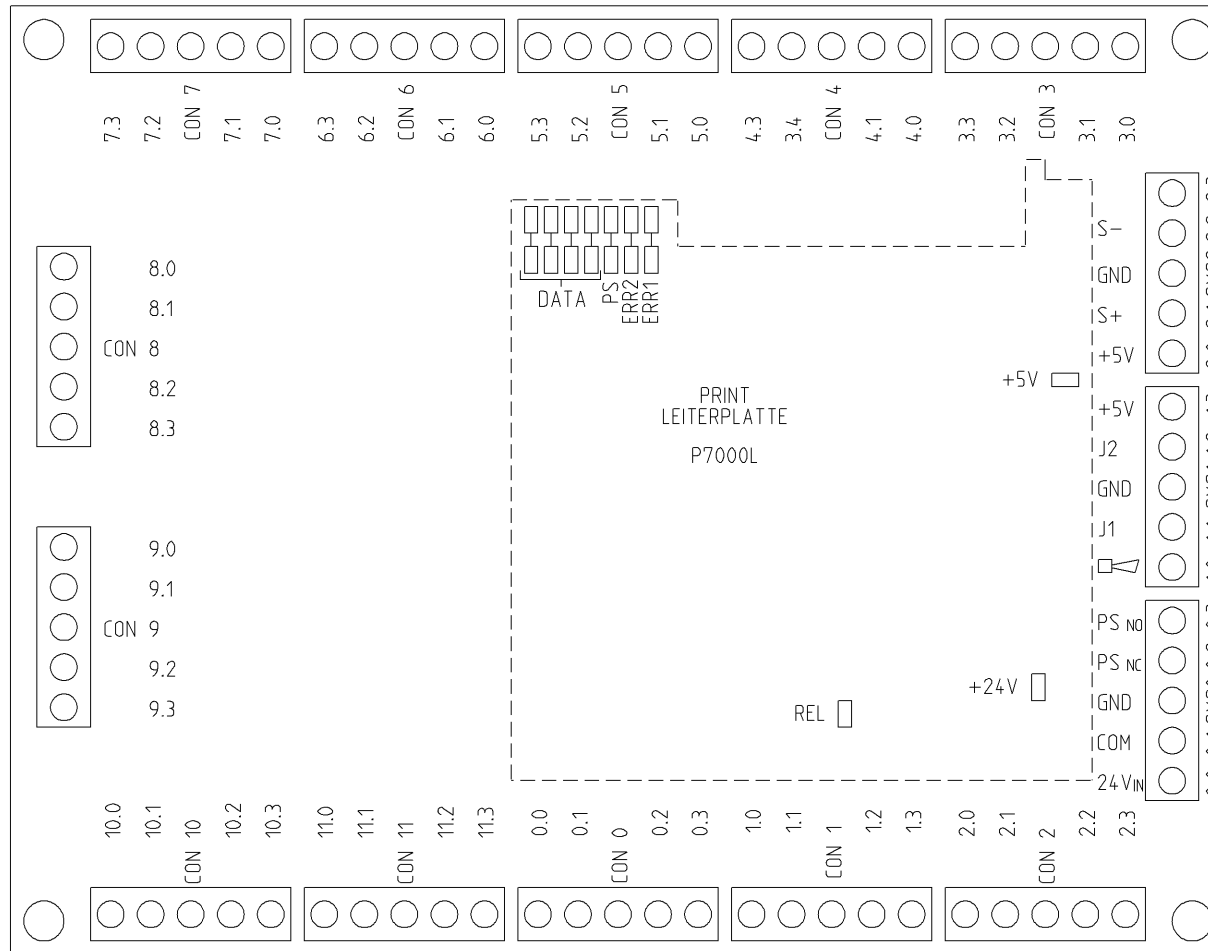
Datum:
 21.02.2017

Anlage:

Ort:

Blatt:
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PRINTPLAAT
LEITERPLATTE
CIRCUIT BOARD



+24V	<input type="checkbox"/>	Groen/Gruen/Green	Voeding Ok	Speisung Ok	Supply Ok
+5V	<input type="checkbox"/>	Groen/Gruen/Green	Voeding Ok	Speisung Ok	Supply Ok
REL	<input type="checkbox"/>	Groen/Gruen/Green	Power Safe aan	Power Safe an	Power Safe on
PS	<input type="checkbox"/>	Geel/Gelb/Yellow	Power Safe uit	Power Safe aus	Power Safe off
Err1	<input type="checkbox"/>	Geel/Gelb/Yellow	Slechte Data Verbinding	Schlechte Data Verbindung	Poor Data Connection
Err2	<input type="checkbox"/>	Rood/Rot/Red	Geen Data Verbinding	Keine Data Verbindung	No Data Connection

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PRINTPLAAT
LEITERPLATTE
CIRCUIT BOARD

Projekt:
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Zeichnungsnummer:

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0.0	Joystick Op (S1A2)	Fahren Joy. Auf (S1A2)	Joystick On (S1A2)
0.1	Joystick Neer (S1A3)	Fahren Joy. Nied. (S1A3)	Joystick Down (S1A3)
CON 0			
0.2	Sturen Links (S1A4)	Lenken Links (S1A4)	Steering Left (S1A4)
0.3	Sturen Rechts (S1A5)	Lenken Rechts (S1A5)	Steering Right (S1A5)

1.0	Claxon (S2A1)	Hupe (S2A1)	Horn (S2A1)
1.1	Sper/Diff. (S2A2)	Sperr/Diff. (S2A2)	Slip/Diff. (S2A2)
CON 1			
1.2	Heffen/Dalen (S3A1)	Heben/Senken (S3A1)	Lift Up/Down (S3A1)
1.3	Rijden/Sturen (S3A2)	Fahren/Lenken (S3A2)	Driving/Steering (S3A2)

2.0	Snel Rijden (S4A)	Schnell Fahren (S4A)	Driving Fast (S4A)
2.1	Toerental (S9A)	Drehzahl (S9A)	Enging Speed (S9A)
CON 2			
2.2	Reserve	Reserve	Spare
2.3	Dodemansknop (S1A1)	Totmansknopf (S1A1)	Dead Man (S1A1)

0.0	Voeding +24V (S1M)	Speisung +24V (S1M)	Supply +24V (S1M)
0.1	Voeding +24V (S1M)	Speisung +24V (S1M)	Supply +24V (S1M)
SYS0 GND	GND	GND	GND
0.2	Reserve	Reserve	Spare
0.3	Voeding +24V (PS)	Speisung +24V (PS)	Supply +24V (PS)

1.0	+ Zoemer (H1H)	+ Summer (H1H)	+ Buzzer (H1H)
1.1	0-5V Joystick P1	0-5V Joystick P1	0-5V Joystick P1
SYS1 GND	- Zoemer (H1H)	- Summer (H1H)	- Buzzer (H1H)
1.2	Reserve (0-5V)	Reserve (0-5V)	Spare (0-5V)
1.3	Voeding +5V Joy. (P1)	Speisung +5V Joy. (P1)	Supply +5V Joy. (P1)

2.0	Data RXD	Data RXD	Data RXD
2.1	Data S+ (RS485)	Data S+ (RS485)	Data S+ (RS485)
SYS2 GND	Reserve	Reserve	Spare
2.2	Data S- (RS485)	Data S- (RS485)	Data S- (RS485)
2.3	Data TXD	Data TXD	Data TXD

3.0	Reserve	Reserve	Spare
3.1	Reserve	Reserve	Spare
CON 3			
3.2	4x Stempels in (S12A1)	4x Stuetzen ein (S12A1)	4x Jacks in (S12A1)
3.3	4x uit Au. Niv. (S12A2)	4x aus Au. Niv. (S12A2)	4x out Au. Niv.(S12A2)

4.0	Platform in (S10A1)	Plattform ein (S10A1)	Platform in (S10A1)
4.1	Platform uit (S10A2)	Plattform aus (S10A2)	Platform out (S10A2)
CON 4			
4.2	Reserve	Reserve	Spare
4.3	Reserve	Reserve	Spare

5.0	Vetpomp (V7H)	Fett Pumpe (V7H)	Grease Pump (V7H)
5.1	Overload (V1H)	Ueberlastung (V1H)	Overload (V1H)
CON 5			
5.2	Scheefstand (V2H)	Neigung (V2H)	Inclination (V2H)
5.3	Tank leeg (V8H) Opt.	Tank leer (V8H) Opt.	Tank empty (V8H) Opt.

6.0	Start Motor (S11A1)	Start Motor (S11A1)	Start Engine (S11A1)
6.1	Stop Motor (S11A2)	Halt Motor (S11A2)	Stop Engine (S11A2)
CON 6			
6.2	Gen. aan Opt. (S18A1)	Gen. an Opt. (S18A1)	Gen. on Opt. (S18A1)
6.3	Gen. uit Opt. (S18A2)	Gen. aus Opt. (S18A2)	Gen. off Opt. (S18A2)

7.0	Stempels LA in (S15A1)	Stuetzen LH ein (S15A1)	Jacks LR in (S15A1)
7.1	Stemp. LA uit (S15A2)	Stuetzen LH aus (S15A2)	Jacks LR out (S15A2)
CON 7			
7.2	Stempels RA in (S16A1)	Stuetzen RH ein (S16A1)	Jacks RR in (S16A1)
7.3	Stemp. RA uit (S16A2)	Stuetzen RH aus (S16A2)	Jacks RR out (S16A2)

8.0	Stempels LV in (S13A1)	Stuetzen LV ein (S13A1)	Jacks LF in (S13A1)
8.1	Stemp. LV uit (S13A2)	Stuetzen LV aus (S13A2)	Jacks LF out (S13A2)
CON 8			
8.2	Stempels RV in (S14A1)	Stuetzen RV ein (S14A1)	Jacks RF in (S14A1)
8.3	Stemp. RV uit (S14A2)	Stuetzen RV aus (S14A2)	Jacks RF out (S14A2)

9.0	Reserve	Reserve	Spare
9.1	Stempels in (V11H)	Stuetzen ein (V11H)	Jacks in (V11H)
CON 9			
9.2	Stempels uit (V5H)	Stuetzen aus (V5H)	Jacks out (V5H)
9.3	Auto Niv. (V9H)	Auto Niv. (V9H)	Auto Niv. (V9H)

10.0	In Bedrijf (V10H)	In Betrieb (V10H)	Run (V10H)
10.1	Storing Dieselm. (V3H)	Stoerung Dieselm. (V3H)	Failure Dieselm. (V3H)
CON 10			
10.2	Pendelas Hor. (V4H)	Pendel Achse Hor. (V4H)	Os. Axle Hor. (V4H)
10.3	Reserve	Reserve	Spare

11.0	Rijden/Sturen (V12H)	Fahren/Lenken (V12H)	Driving/Steering (V12H)
11.1	Heffen/Dalen (V13H)	Heben/Senken (V13H)	Lift Up/Down (V13H)
CON 11			
11.2	Reserve	Reserve	Spare
11.3	Reserve	Reserve	Spare



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PRINTPLAAT
 LEITERPLATTE
 CIRCUIT BOARD

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