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Starter
 M | V
 2.2

Olgedruk
 Oilpressure

Temp.
 Temp.

Start Klep
 Start Valve

Toeren
 Drehzahl
 Engine Speed

Luchtfilter
 Luftfilter
 AIR - Filter

Koeler
 Kuehler
 Cooler
 Optie/Option

Vetpomp
 Fett Pumpe
 Grease Pump
 Optie/Option

Frame Dieselmotor
 Frame Diesel Engine

Zie Blz 24-26
 S. Blatt 24-26
 See Page 24-26



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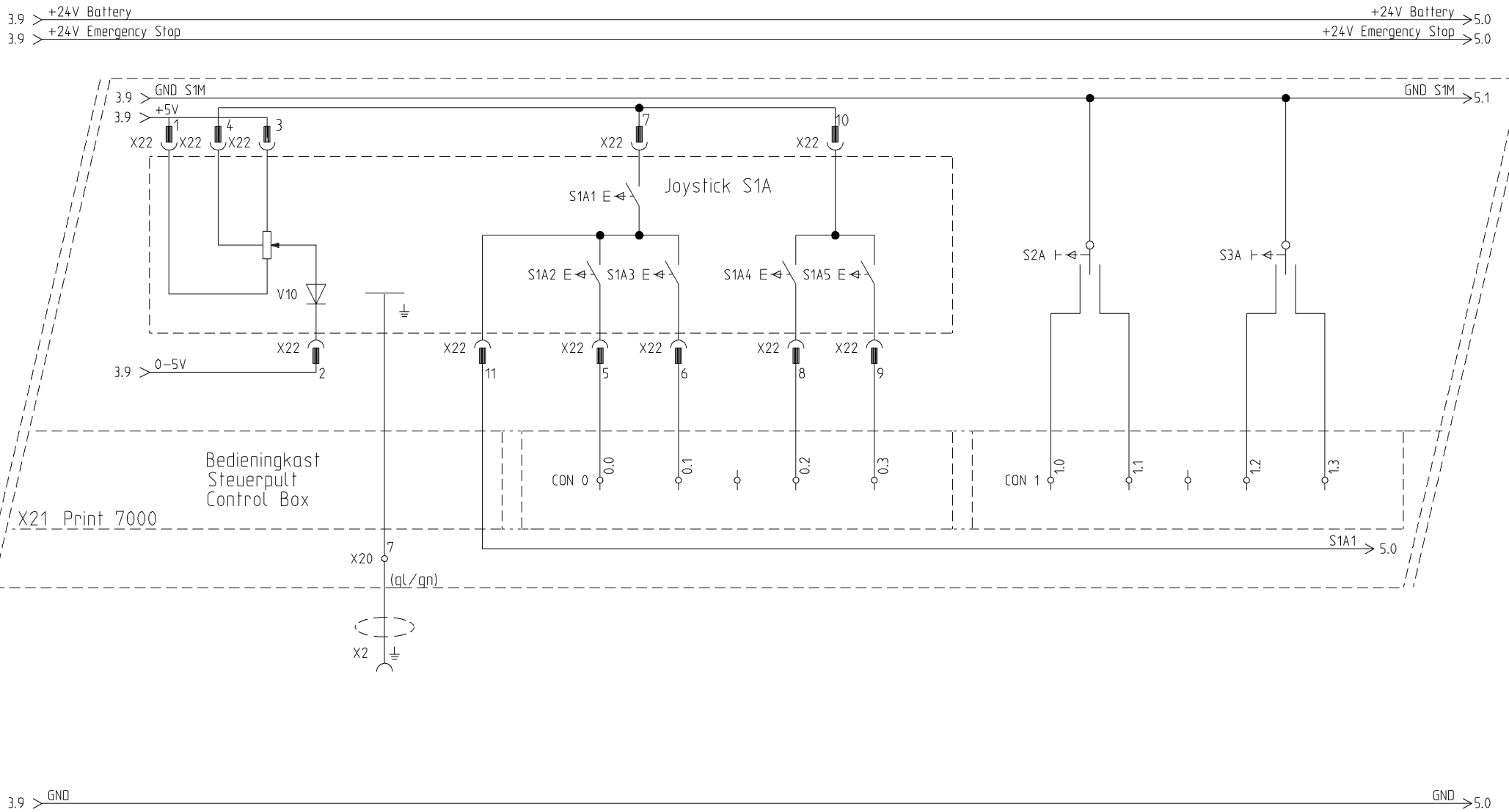
Dieselmotor

Projekt: EB-21-001
 Datum: 28.08.2013

Zeichnungsnummer:
 Anlage: =

Rev.:
 Ort: +

erstellt von: Rothenbusch
 Blatt: 2



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| | | | | | | |
|------------------------|--------------------------|---------------------|-------------------|------------|---------|-----------|
| S1A1 Dodemansknop | Vooruit-Rijden-Achteruit | Links-Sturen-Rechts | Claxon-Sign.gever | Sper/Diff | Heffen | Dalen |
| S1A1 Totmanskноп | Vorw.-Fahren-Rueckw. | Links-Lenken-Rechts | Hupe-Signalgeber | Sperr/Diff | Heben | Senken |
| S1A1 Dead Man,s Button | Forward-Driving-Reverse | Left-Steering-Right | Horn-Signal | Slip/Diff | Lift Up | Lift Down |

HOLLAND LIFT

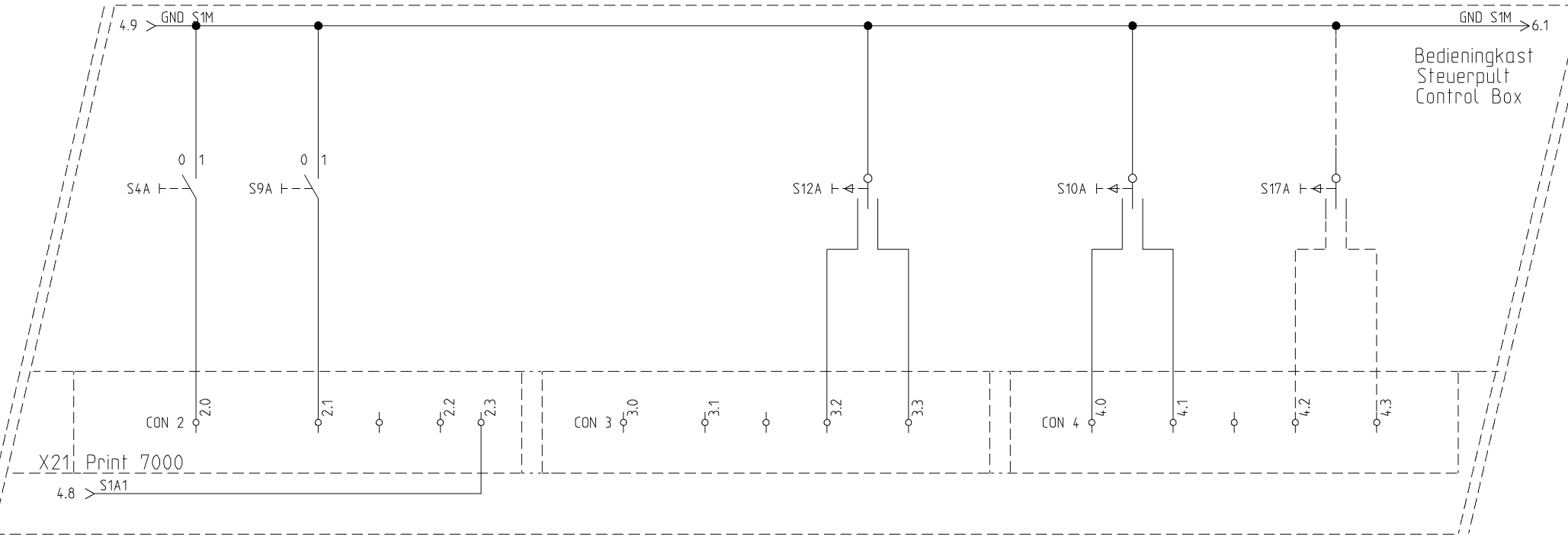
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Bedienpult
 CON 0 - 1

| | | | | |
|----------|------------|-------------------|-------|---------------|
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| | | = | + | Blatt: |
| | | | | 4 |

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 Totmansknopf
 S1A1 Dead Man's Button

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

In-Plattform achter-Uit
 Ein-Plattform hinten-Aus
 In-Plattform rear-Out

In-Plattform voor-Uit
 Ein-Plattform vorn-Aus
 In-Plattform front-Out

Optie/Option

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Bedienpult
 CON 2 - 4

Projekt:
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Zeichnungsnummer:

Rev.:

erstellt von:
 Rothenbusch

Datum:
 28.08.2013

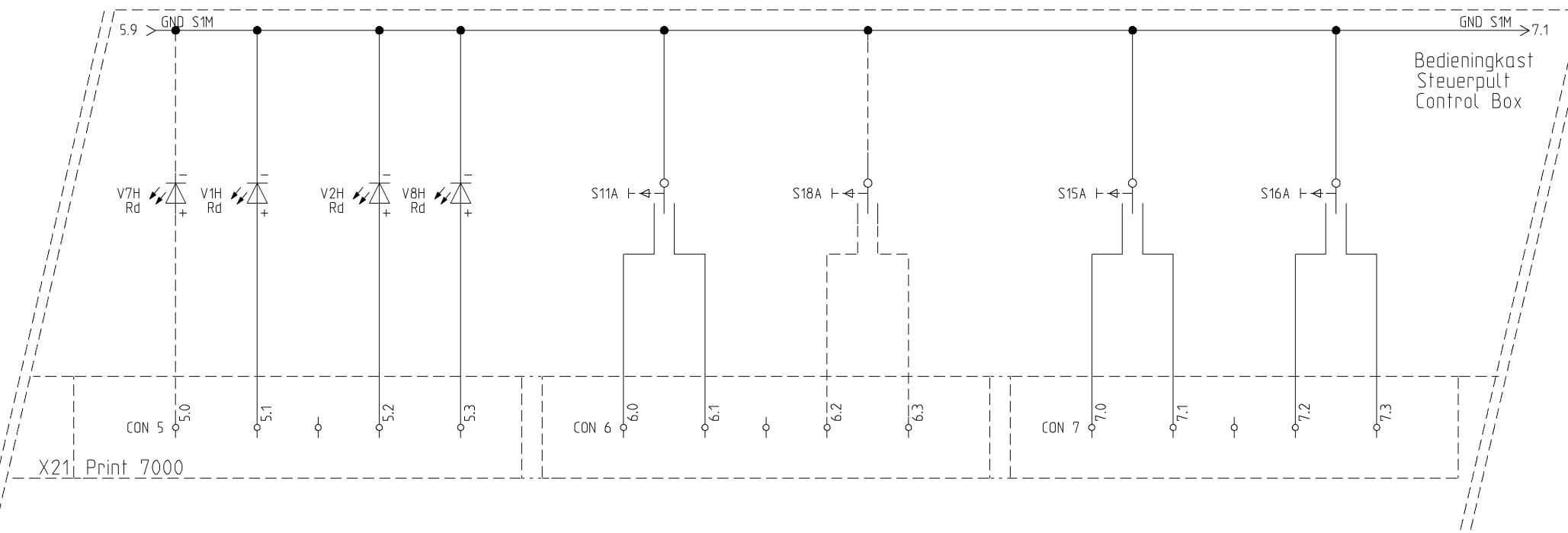
Anlage:

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 Overload Scheefstand Tank leeg
 Fett Pumpe Ueberlastung Neigung Tank leer
 Grease Pump Overload Grade/Slope Tank empty

Optie/Option

Start - Motor - Stop Aan Generator Uit
 Start - Motor - Halt An Generator Aus
 Start - Engine - Stop On Generator Off

Optie/Option

LA in LA uit RA in RA uit
 LH ein LH aus RH ein RH aus
 LR in LR out RR in RR out

Stempels-Stuetzen-Jacks Stempels-Stuetzen-Jacks

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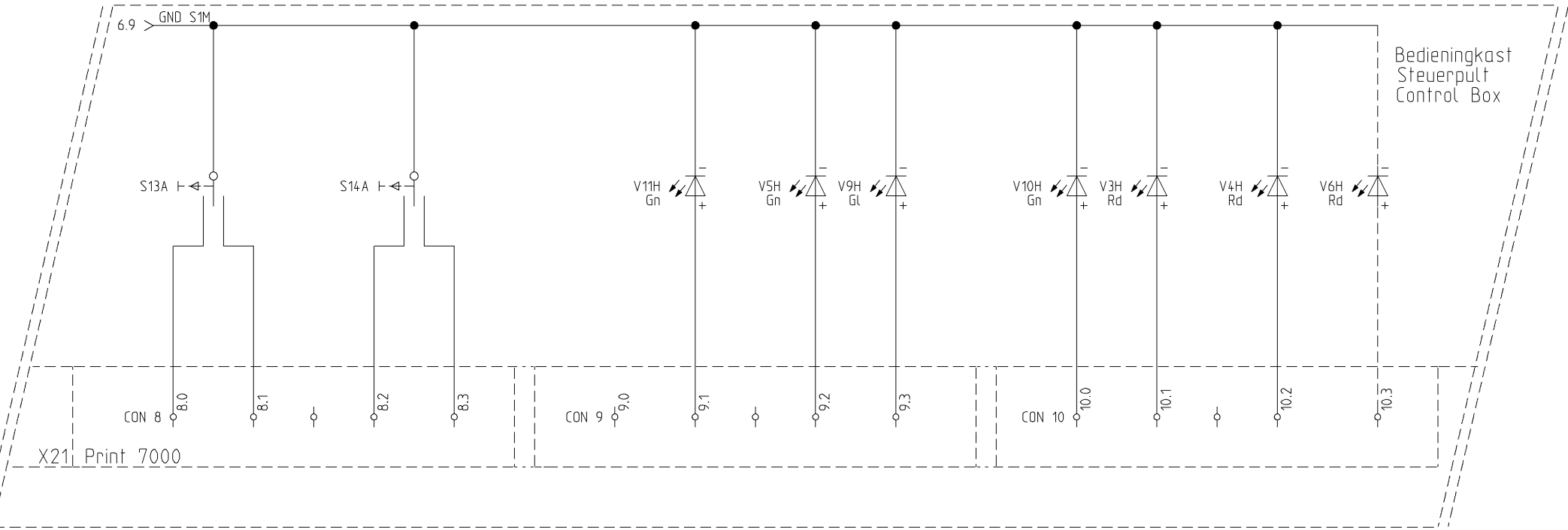
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Bedienpult
 CON 5 - 7

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

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



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 Stempels uit
 Stuetzen ein Stuetzen aus
 Jacks in Jacks out

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

In Bedrijf Storing
 In Betrieb Stoerung
 Run Failure

Pendelas Hor.
 Pendel A. Hor.

Plat. voor-in
 Platt. vorn-ein
 Plat. front-in

Stempels-Stuetzen-Jacks Stempels-Stuetzen-Jacks

Diesel Motor

Optie/Option

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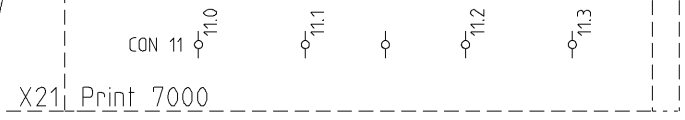
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Bedienpult
 CON 8 - 10

| | | | |
|-----------------------|-------------------|-----------|------------------------------|
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7.9 > +24V Battery +24V Battery > 9.0
 7.9 > +24V Emergency Stop +24V Emergency Stop > 9.0

Bedieningkast
 Steuerpult
 Control Box



7.9 > GND GND > 9.0

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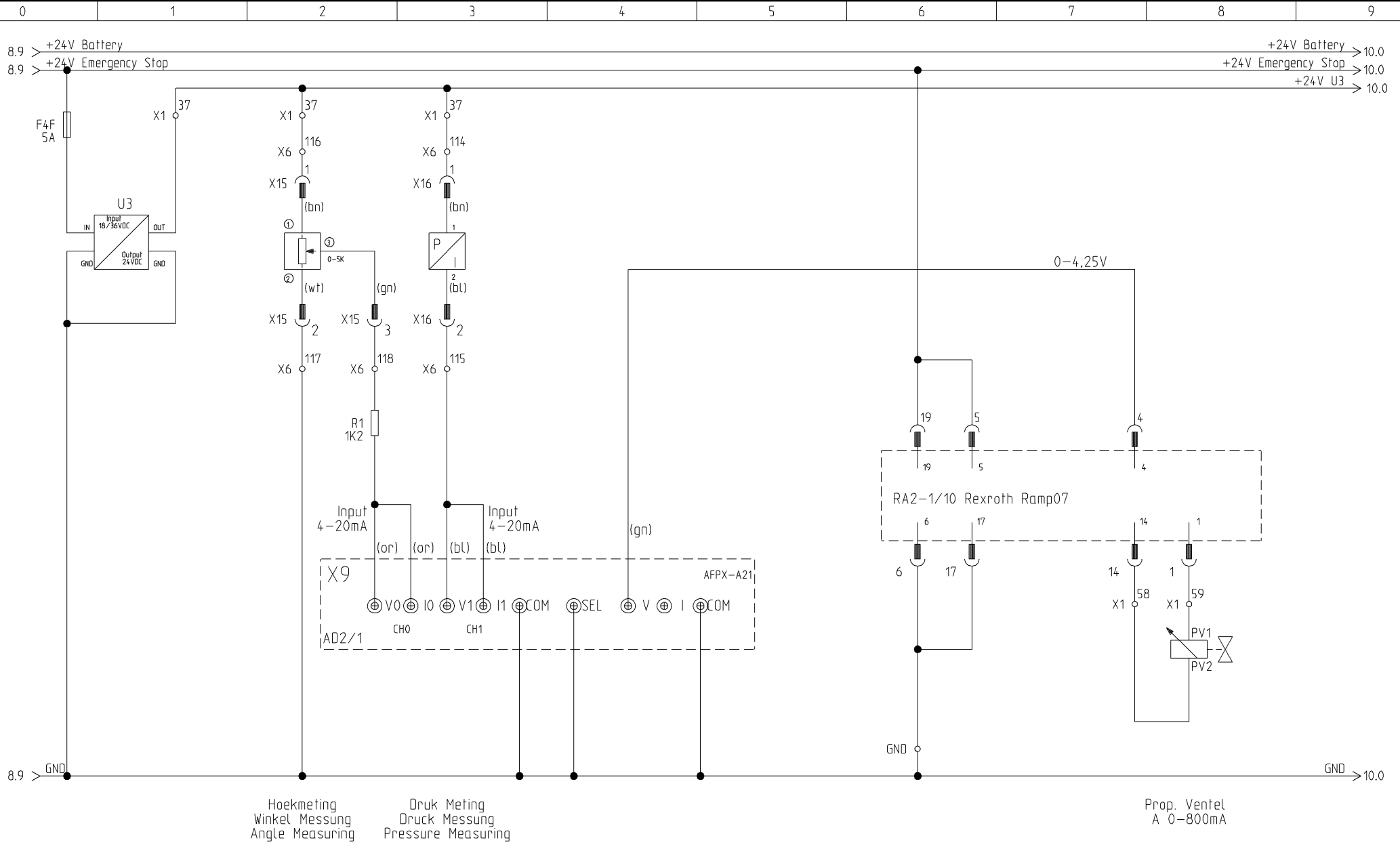


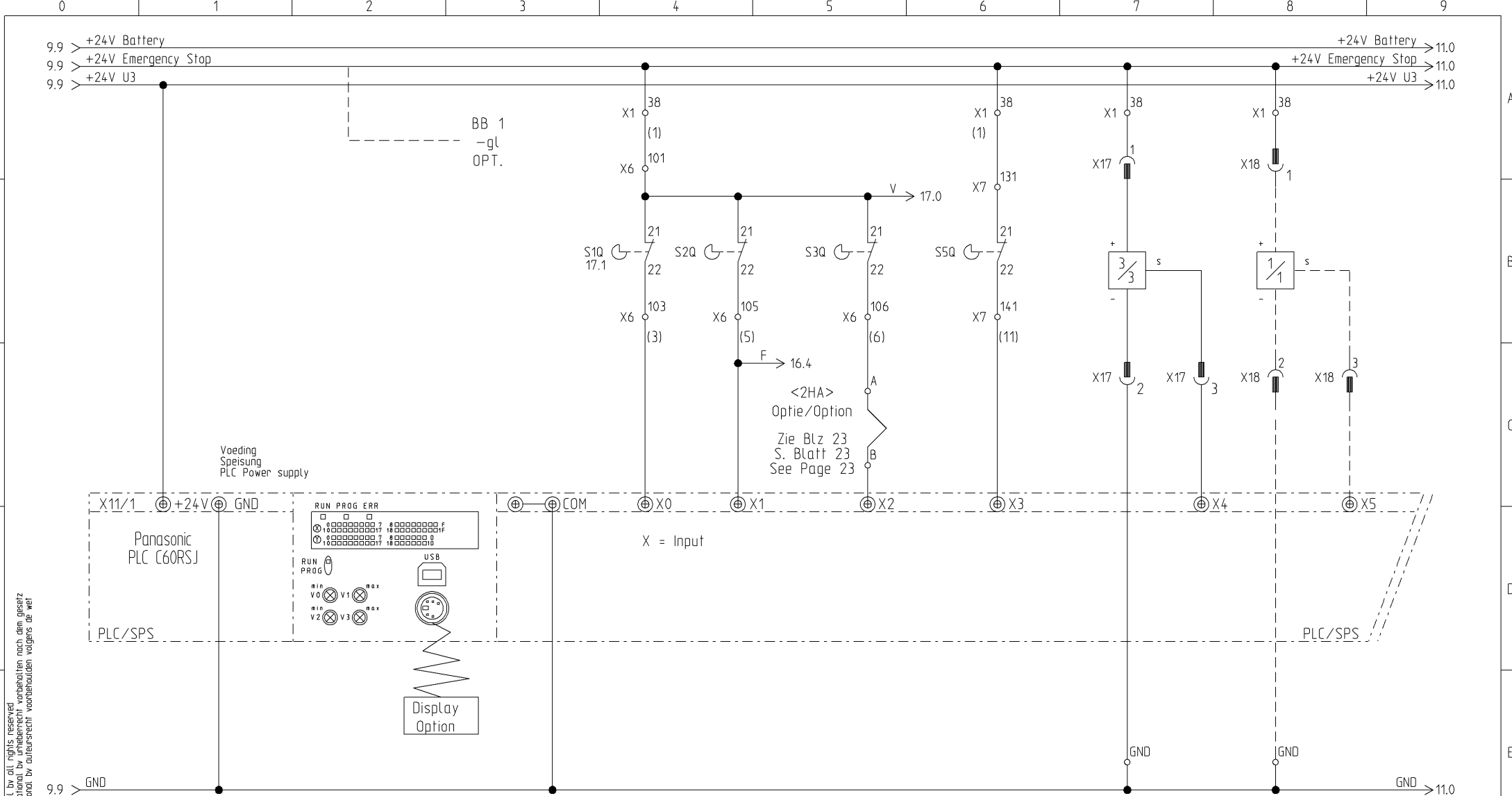
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Bedienpult
 CON 11

| | | | | |
|----------|------------|-------------------|-------|---------------|
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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. Hoeh
 Max. Height

Pendelax Horizontaal
 Pendel Achse Hor.
 Oscillating Axle Hor.

Scheefstand 3/3
 Neiging 3/3
 Grade/Slope 3/3

Scheefstand 1/1
 Neiging 1/1
 Grade/Slope 1/1

Optie/Option

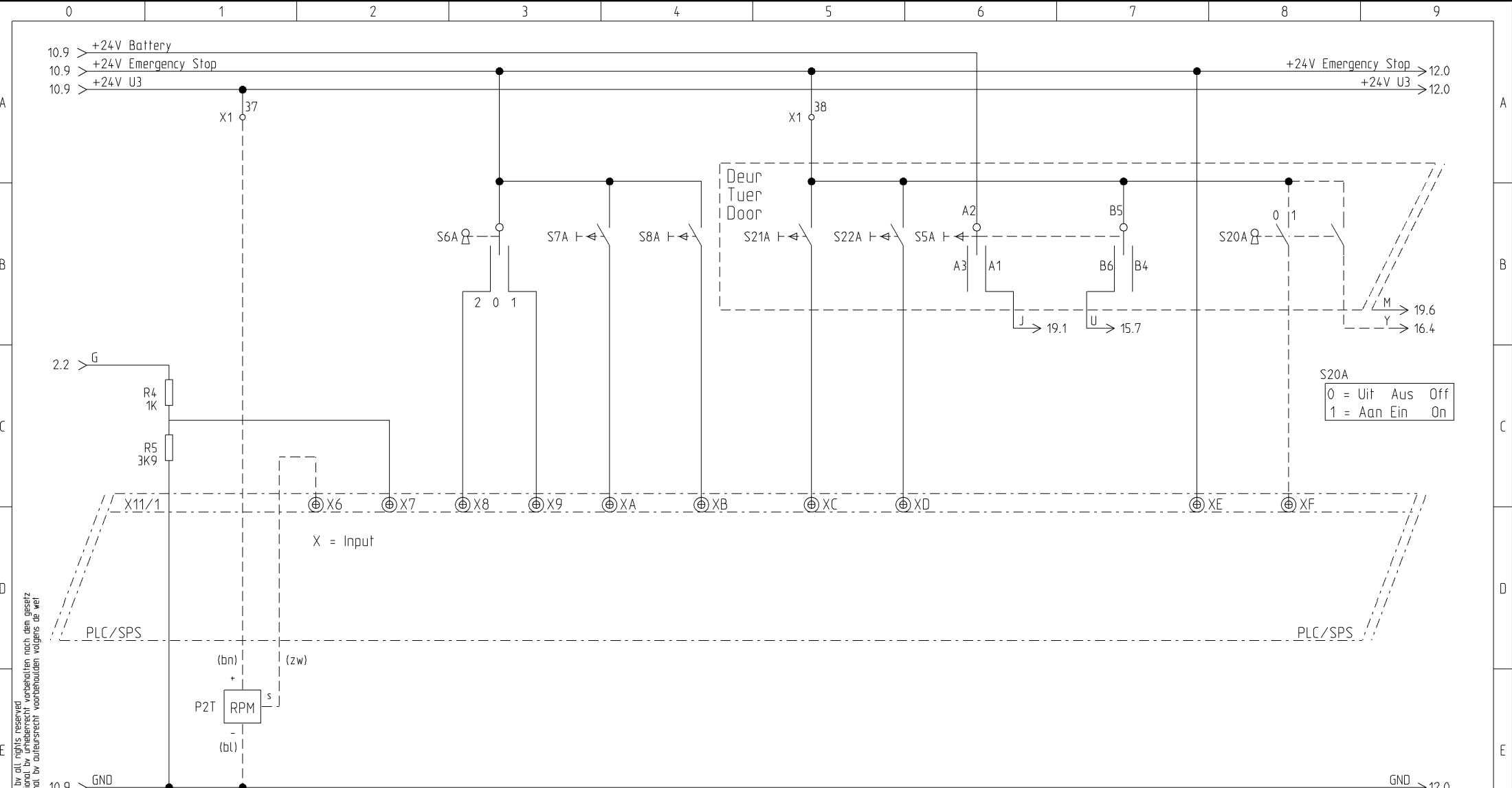
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SPS Input
 X0 - X5

| | | | | |
|----------|------------|-------------------|-------|---------------|
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| | | = | + | Blatt: |
| | | | | 10 |



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RPM Teller Gen.
RPM Zaehler Gen.
RPM Meter Gen.

W+ Dieselmotor

Progr. Uit Aan Store Save
 Progr. Aus An Store Save
 Progr. Off On Store Save

Start - Motor - Stop
 Start - Motor - Halt
 Start - Engine - Stop

Heffen - Dalem
 Heben - Senken
 Lift Up - Lift Down

Overbr. Daalbev
 Ueberbr. Senkschutz
 Bridge Lift down protec.

Ri. max. Hoogte
 Fa. max. Hoehe
 Dr. max. Height

Optie/Option

— Overlast-Ueberlastung-Overload —

Optie/Option



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SPS Input
 X6 - XF

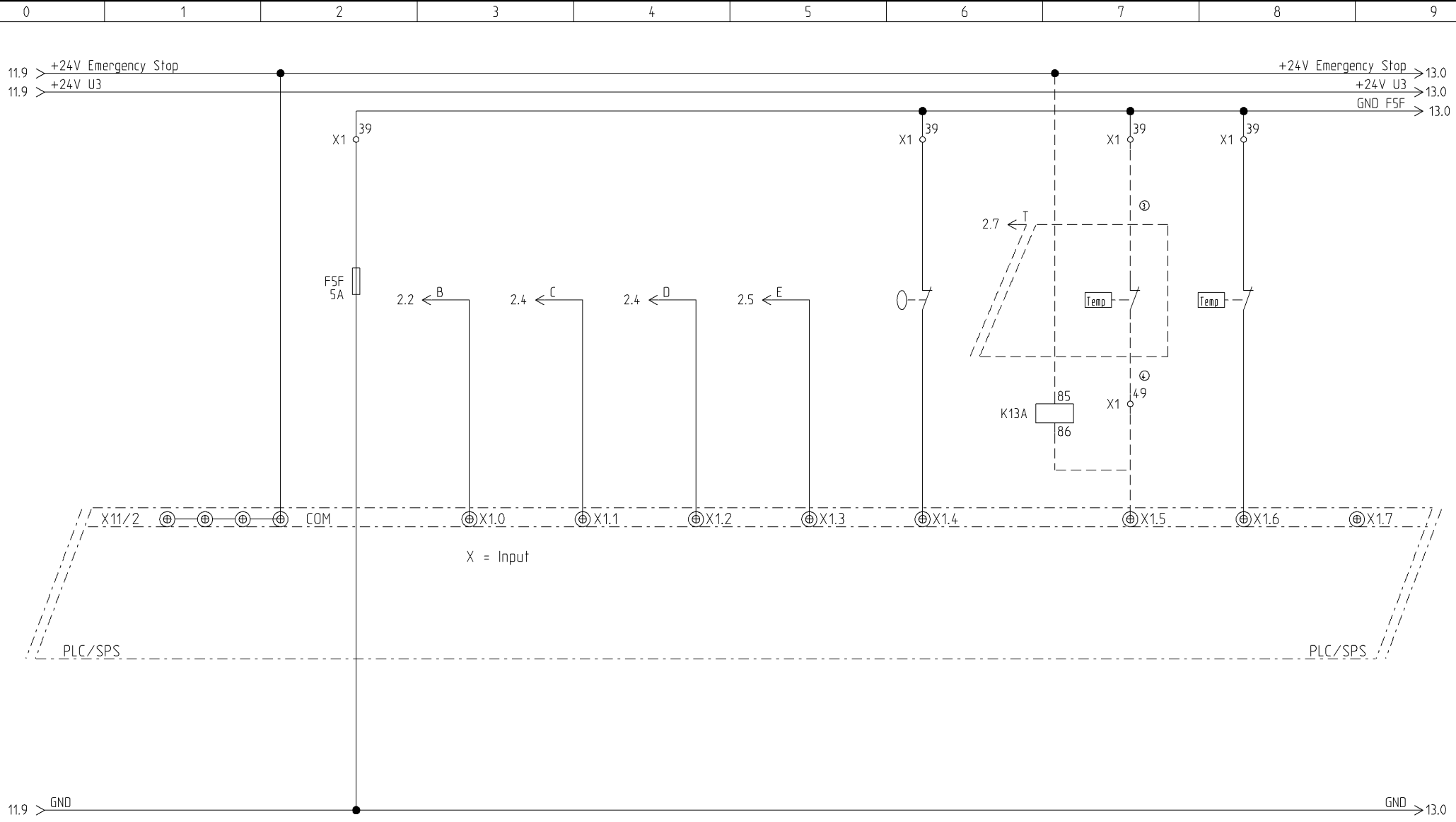
Projekt: EB-21-001
 Datum: 28.08.2013

Zeichnungsnummer:
 Anlage: =

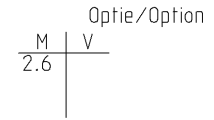
Rev.:
 Ort: +

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 Blatt: 11

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- Dynamo
Dynamo
Dynamo
- Oliedruk
Oeldruk
Oilpressure
- Temperatuur
Temperatur
Temperature
- Luchtfilter
Luffilter
AIR - Filter
- Tank leeg
Tank Leer
Tank empty
- Koeler
Kuehler
Cooler
- Temp. Hd. Olie
Temp. Hd. Oel
Temp. Hd. Oil
- Reserve
Reserve
Spare

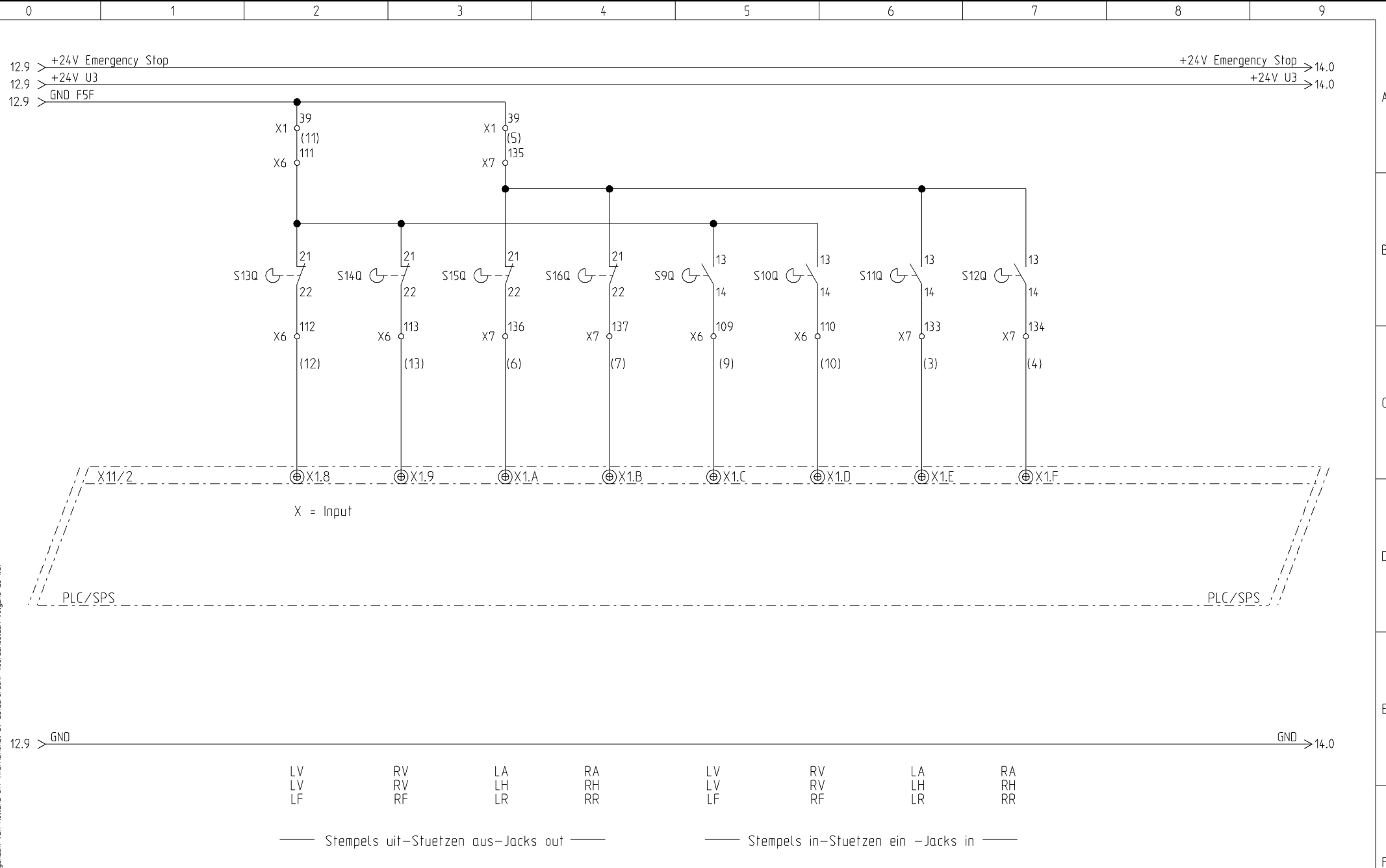


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SPS Input
 X1.0 - X1.7

| | | | |
|-----------------------|-------------------|-----------|------------------------------|
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SPS Input
 X1.8 - X1.F

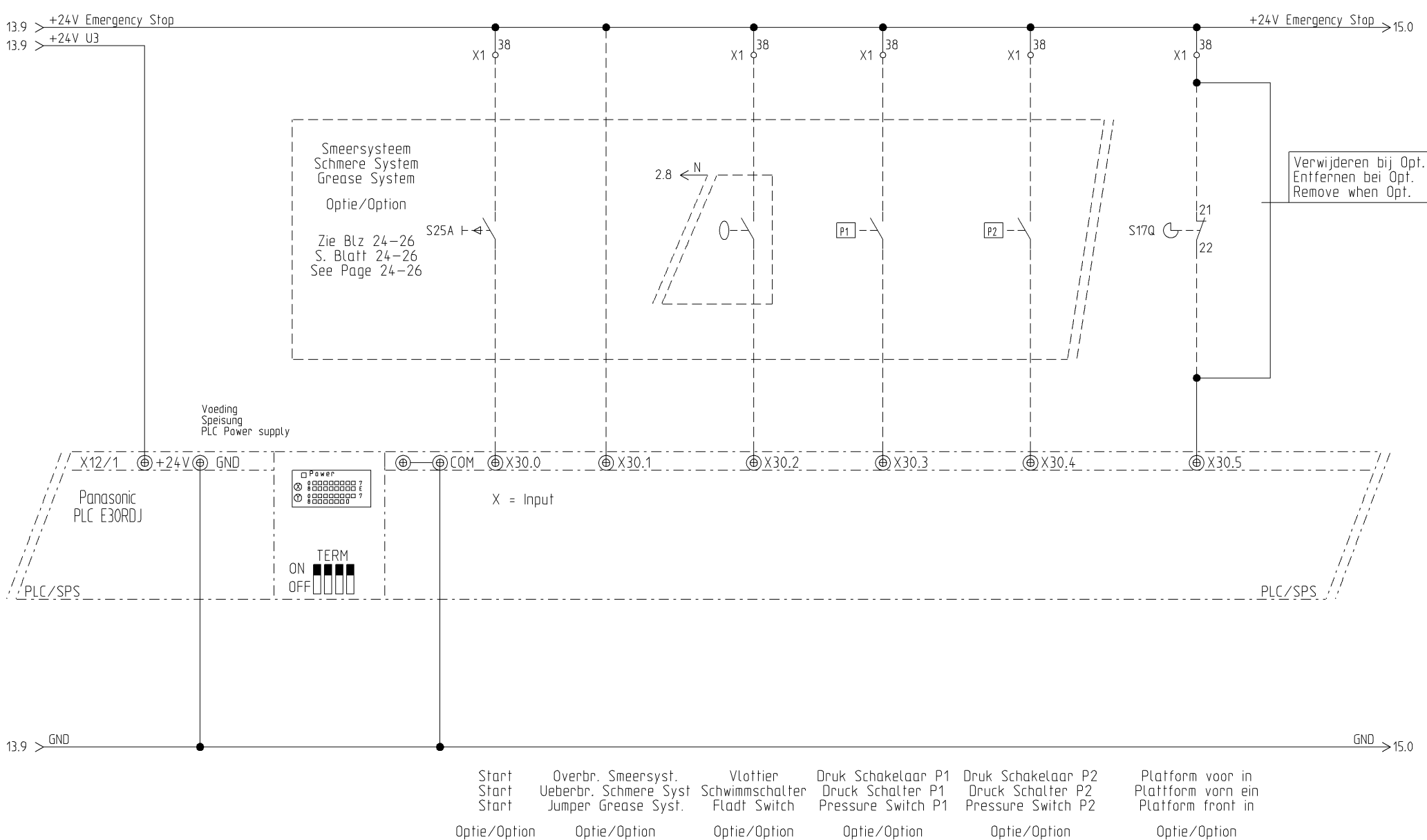
Projekt: EB-21-001
 Datum: 28.08.2013

Zeichnungsnummer:
 Anlage: =

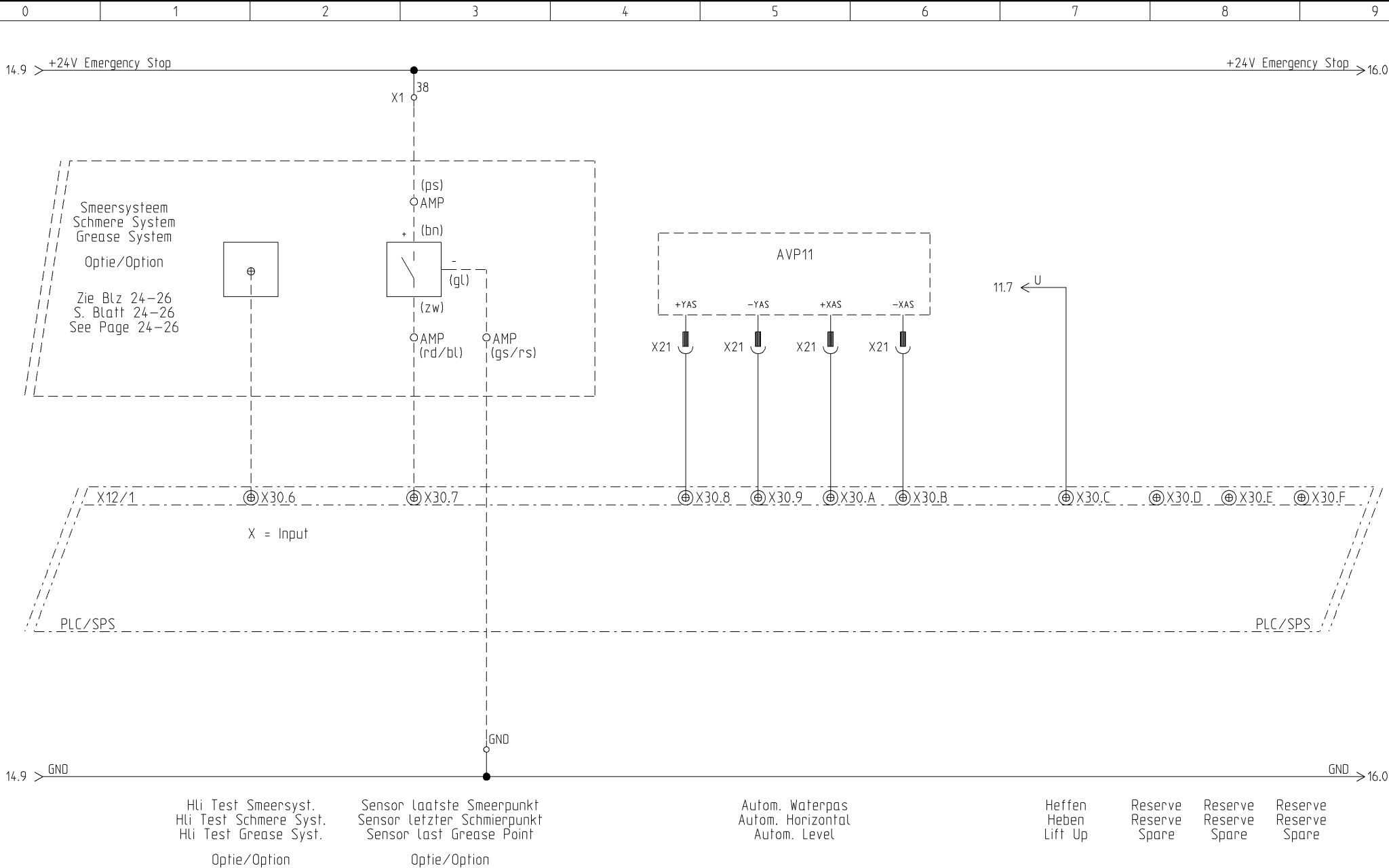
Rev.:
 Ort: +

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Hli Test Smeersyst.
Hli Test Schmere Syst.
Hli Test Grease Syst.
Optie/Option

Sensor laatste Smeerpunt
Sensor letzter Schmierpunkt
Sensor last Grease Point
Optie/Option

Autom. Waterpas
Autom. Horizontal
Autom. Level

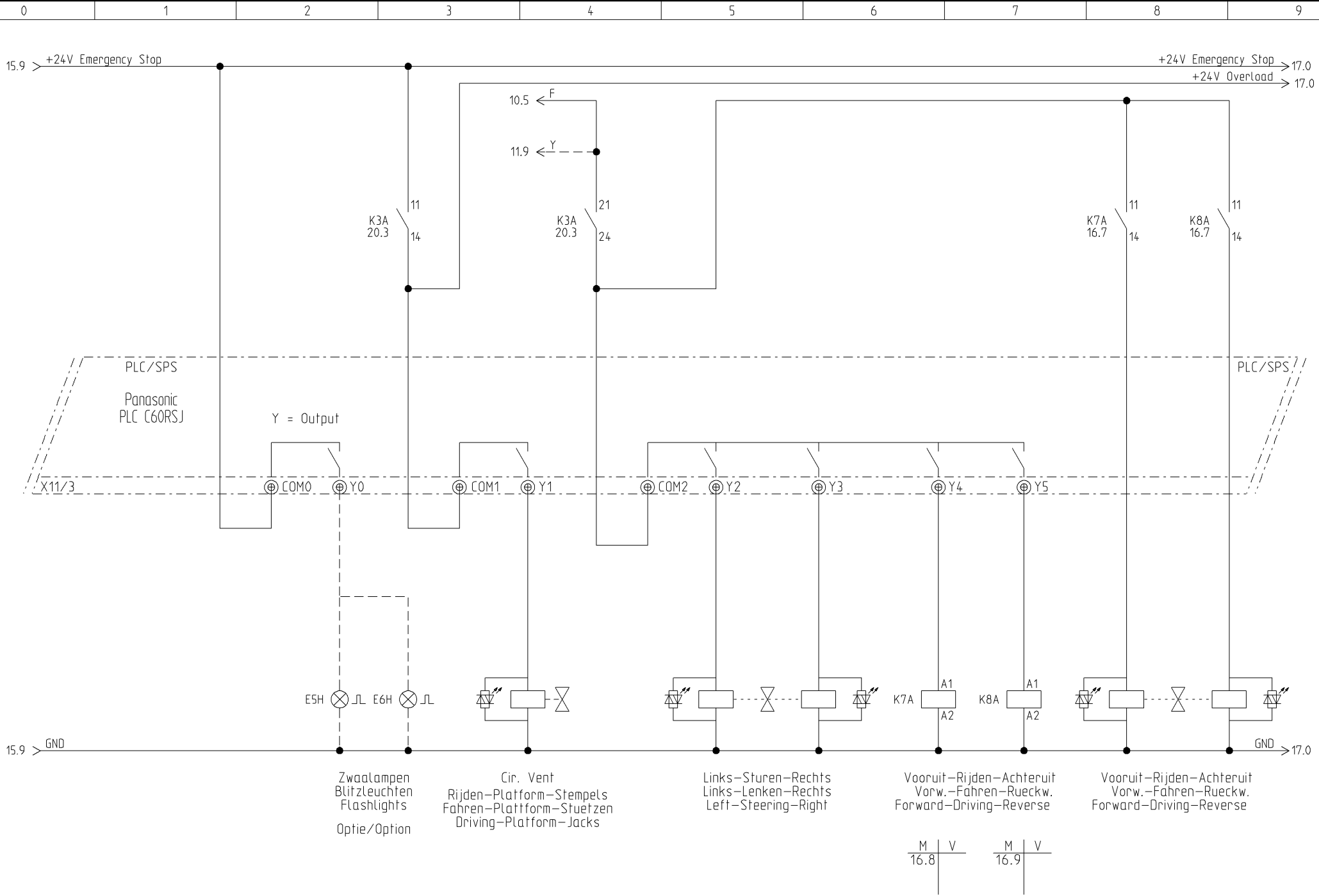
Heffen
Lift Up

Reserve
Reserve
Spare

Reserve
Reserve
Spare

Reserve
Reserve
Spare

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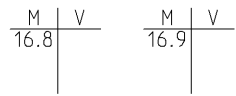
Zwaalampen
Blitzleuchten
Flashlights
Optie/Option

Cir. Vent
Rijden-Platform-Stempels
Fahren-Plattform-Stuetzen
Driving-Plattform-Jacks

Links-Sturen-Rechts
Links-Lenken-Rechts
Left-Steering-Right

Vooruit-Rijden-Achteruit
Vorw.-Fahren-Rueckw.
Forward-Driving-Reverse

Vooruit-Rijden-Achteruit
Vorw.-Fahren-Rueckw.
Forward-Driving-Reverse



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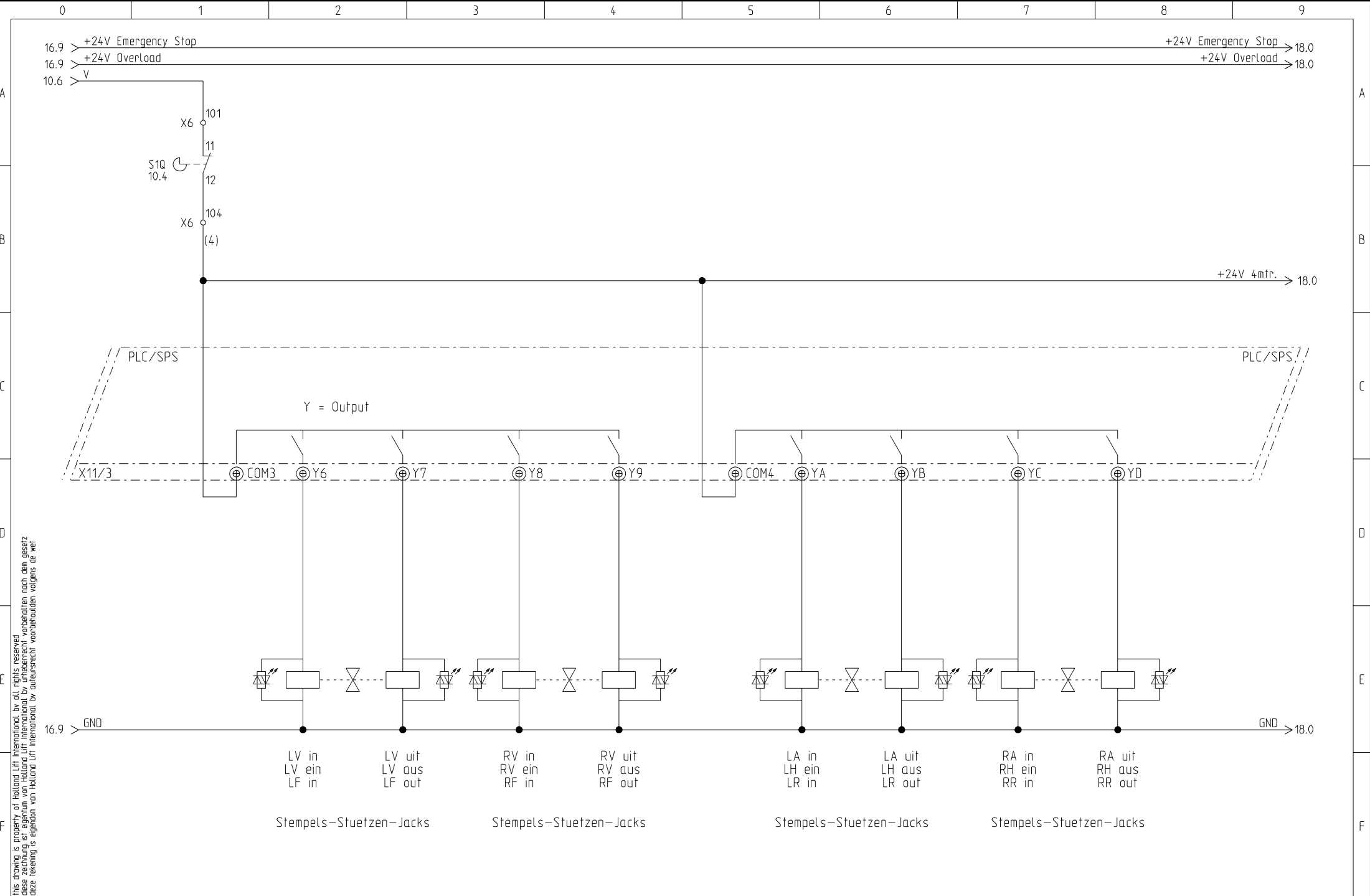
SPS Output
Y0 - Y5

Projekt: EB-21-001
Datum: 28.08.2013

Zeichnungsnummer:
Anlage: =

Rev.:
Ort: +

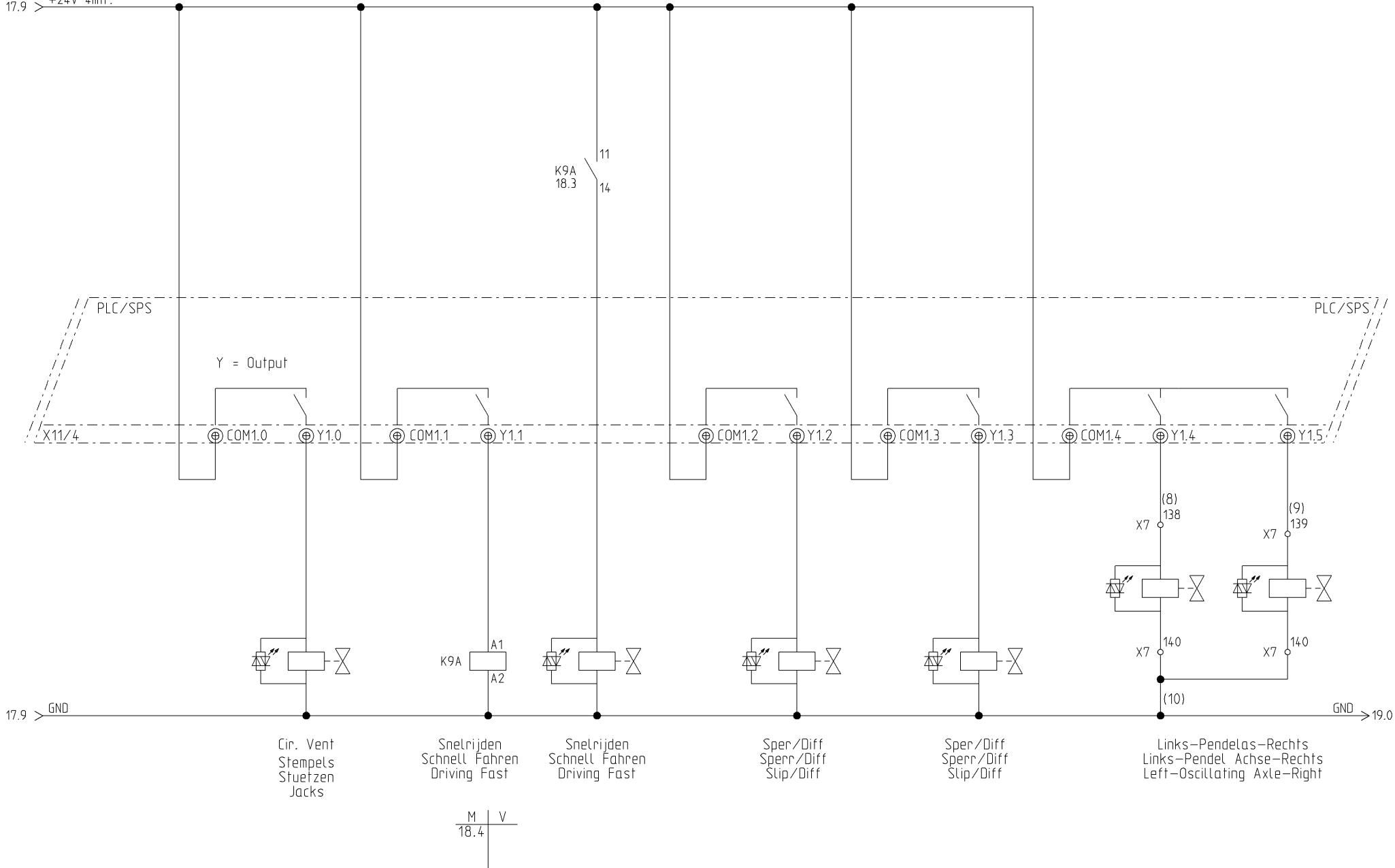
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Rothenbusch
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17.9 > +24V Emergency Stop
 17.9 > +24V Overload
 17.9 > +24V 4mtr.

+24V Emergency Stop > 19.0
 +24V Overload > 19.0



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SPS Output
 Y1.0 - Y1.5

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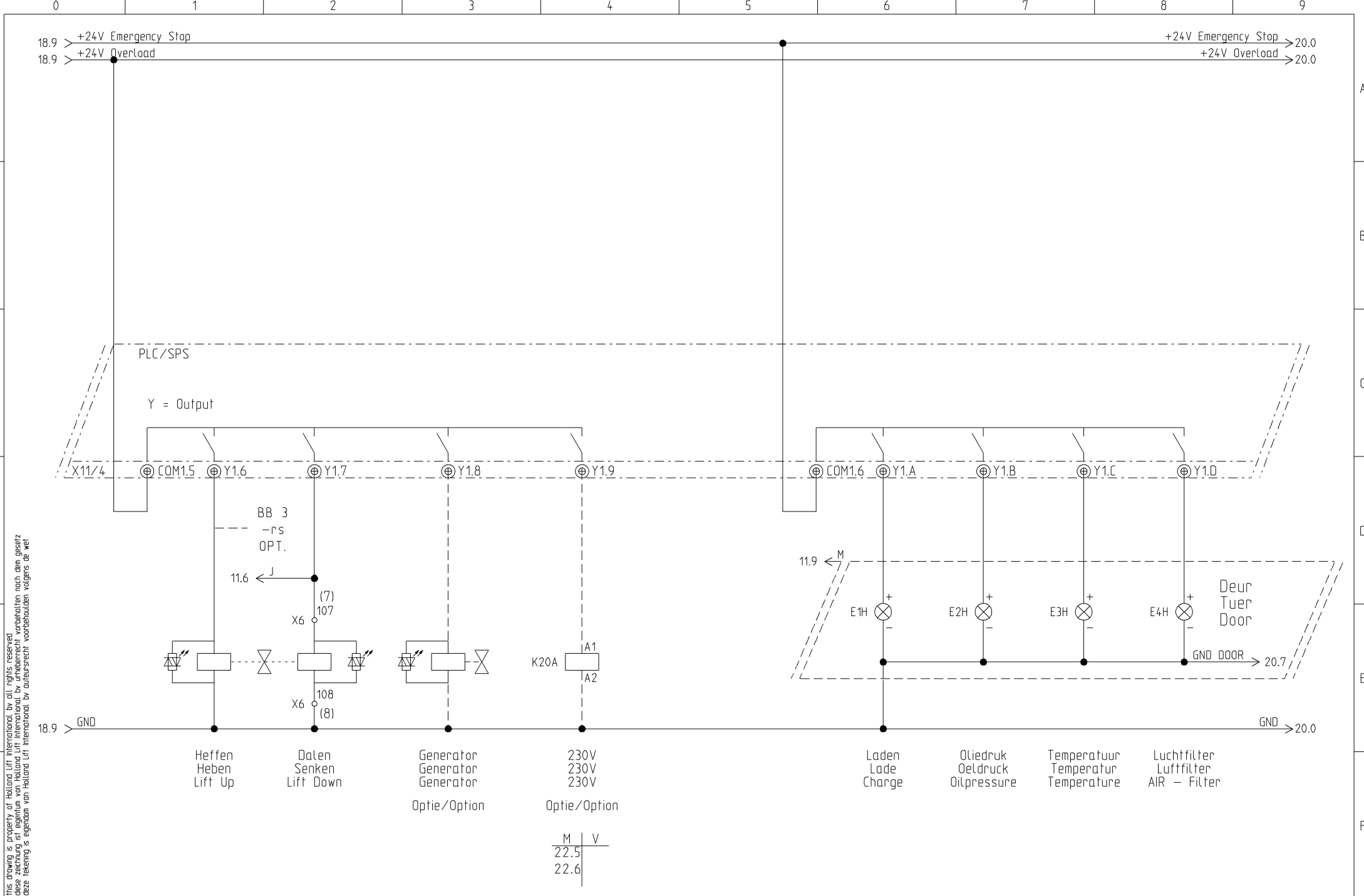
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Datum: 28.08.2013

Anlage:

Ort: = +

Blatt: 18



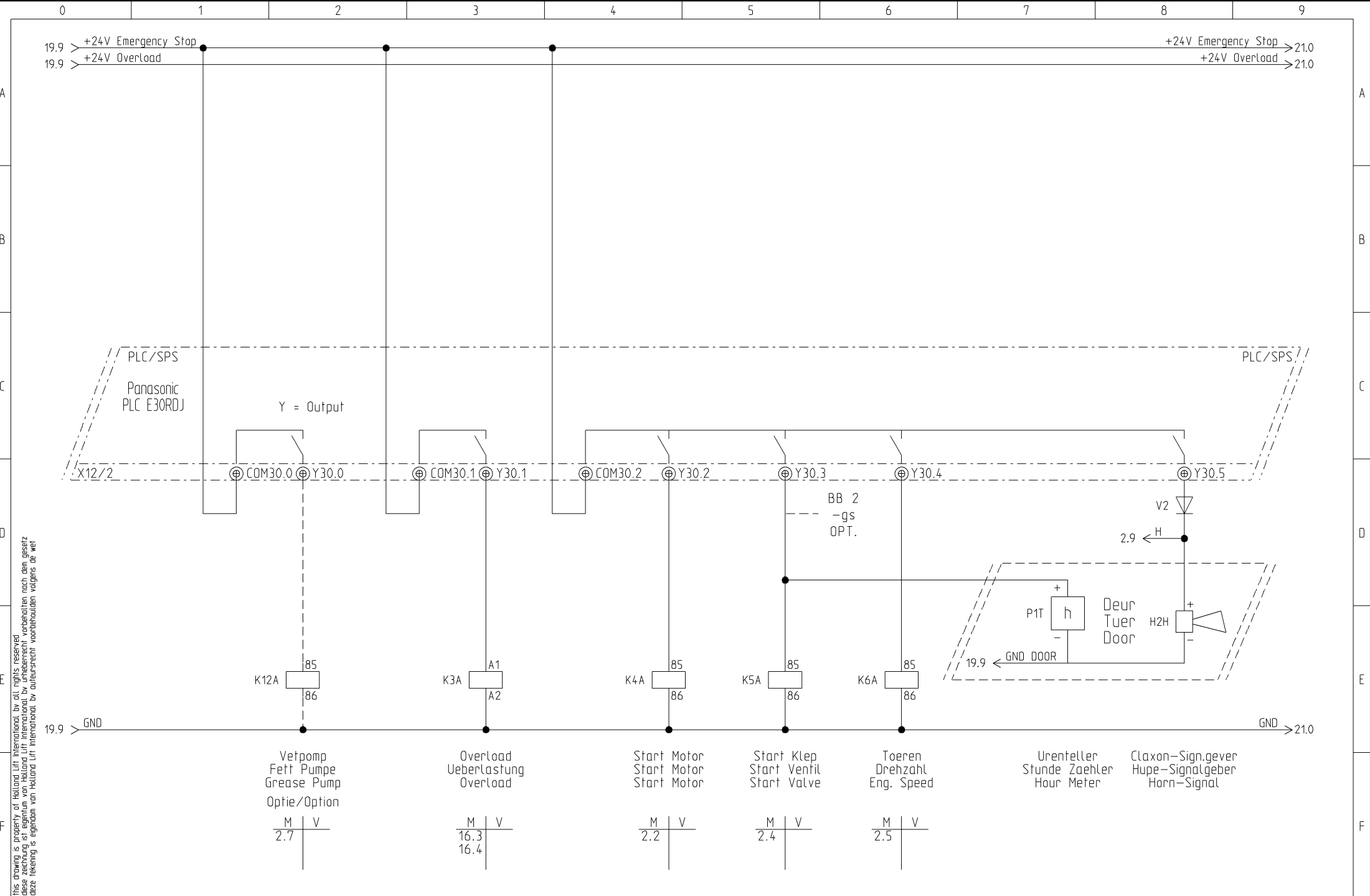
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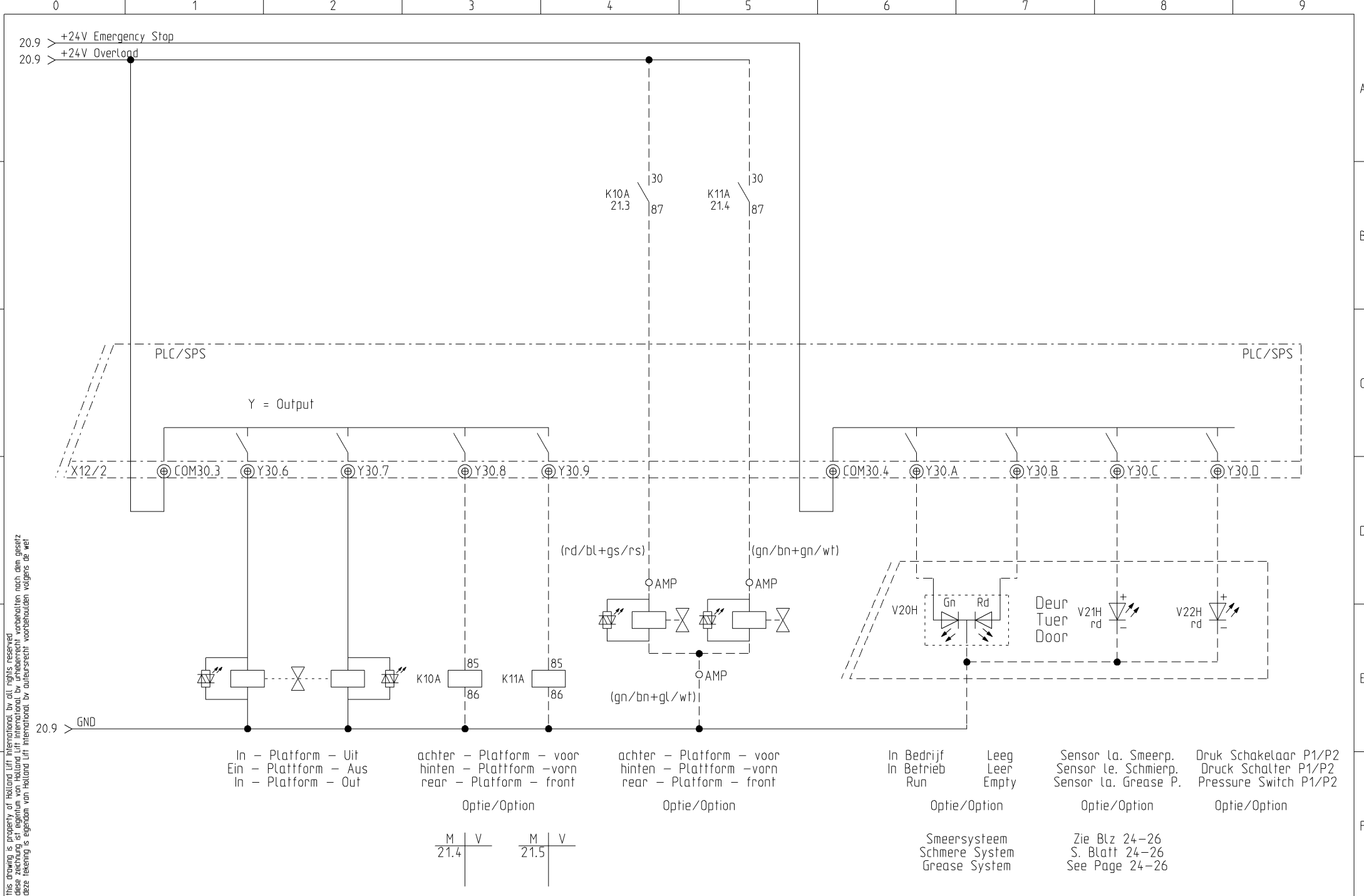
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SPS Output
 Y1.6 - Y1.D

| | | | | |
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| | | = | | Blatt: |
| | | + | | 19 |



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SPS Output
 Y30.6 - Y30.D

Projekt: EB-21-001
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 Anlage:
 Ort:

Rev.:
 = +

erstellt von:
 Rothenbusch
 Blatt: 21

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

achter - Platform - voor
 hinten - Plattform - vorn
 rear - Platform - front

achter - Platform - voor
 hinten - Plattform - vorn
 rear - Platform - front

In Bedrijf
 In Betrieb
 Run

Leeg
 Leer
 Empty

Sensor la. Smeerp.
 Sensor la. Schmierp.
 Sensor la. Grease P.

Druk Schakelaar P1/P2
 Druck Schalter P1/P2
 Pressure Switch P1/P2

Optie/Option

Optie/Option

Optie/Option

Optie/Option

Optie/Option

M 21.4 V

M 21.5 V

Smeersysteem
 Schmere System
 Grease System

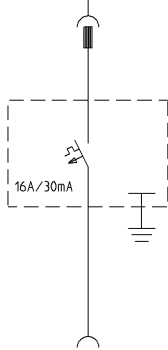
Zie Blz 24-26
 S. Blatt 24-26
 See Page 24-26

OPTIES
OPTIONEN
OPTIONS

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

<230VPLF>

230V-50Hz/115V-50Hz

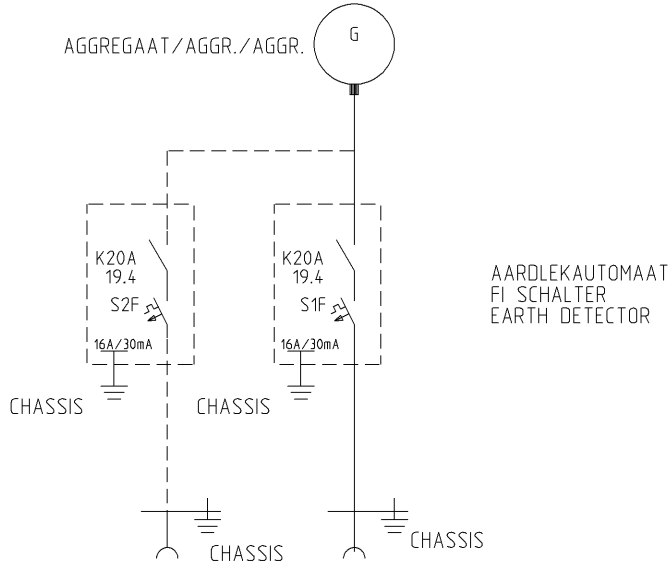


AARDLEKATOMAAT
FI SCHALTER
EARTH DETECTOR

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

<230V-GEN>

230V-50Hz/115V-50Hz



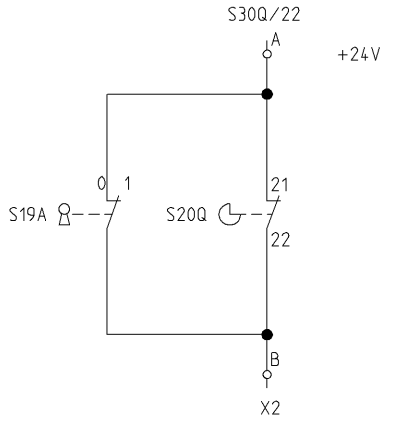
AARDLEKATOMAAT
FI SCHALTER
EARTH DETECTOR

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OPTIES
OPTIONEN
OPTIONS

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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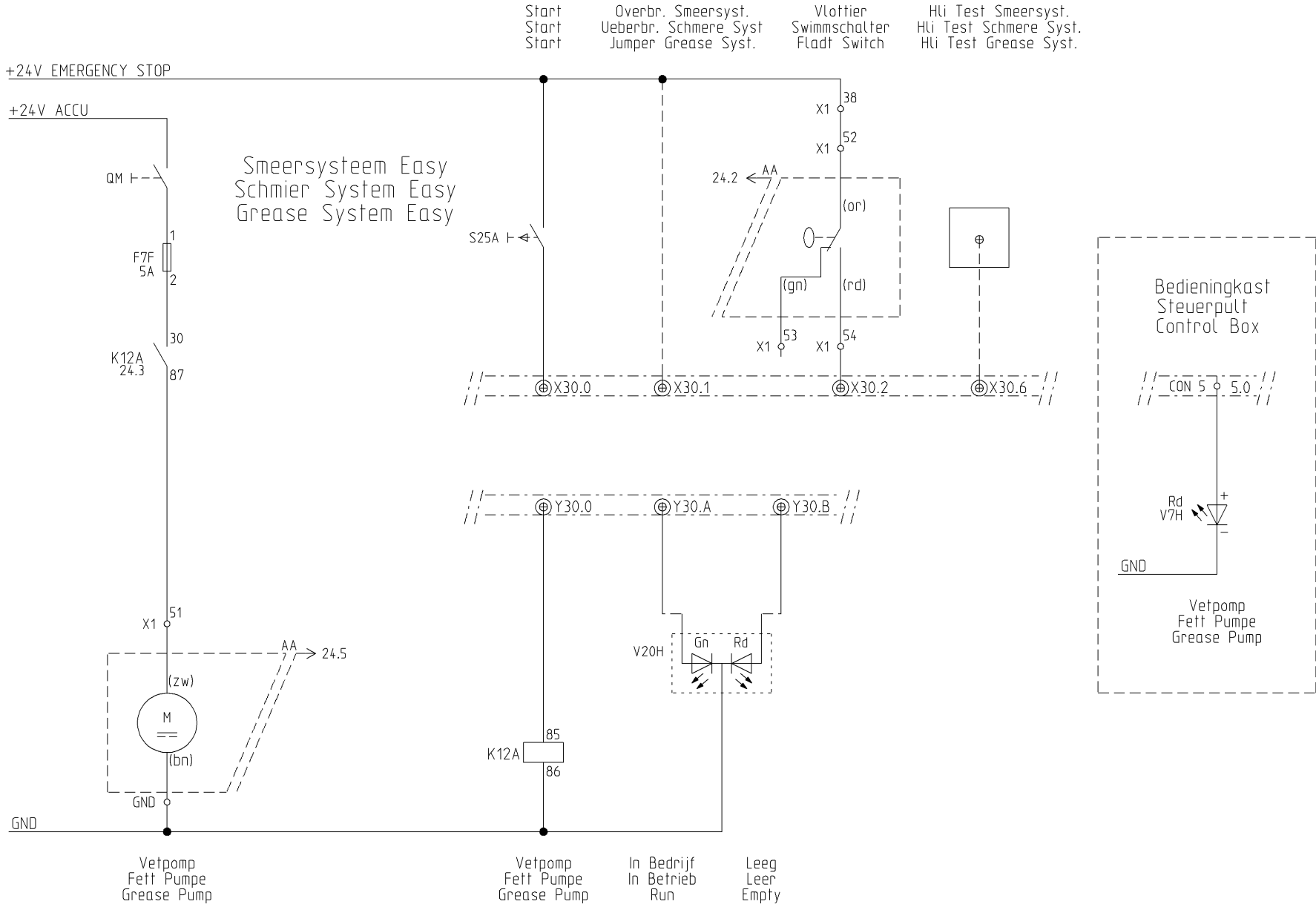


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Optionen

| | | | | |
|----------|------------|-------------------|-------|---------------|
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| Datum: | 28.08.2013 | Antage: | Ort: | Rothenbusch |
| | | = | + | Blatt: 23 |

OPTIES
OPTIONEN
OPTIONS



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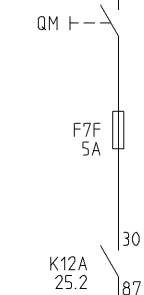
OPTIES OPTIONEN OPTIONS

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

+24V EMERGENCY STOP

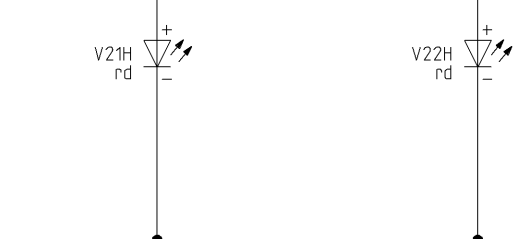
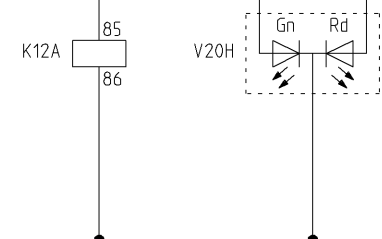
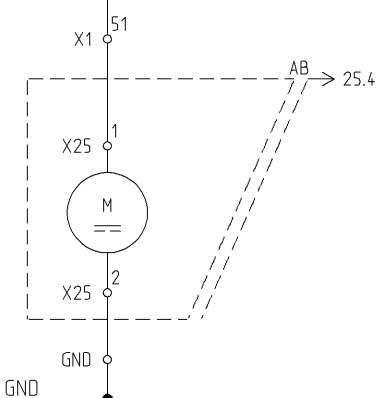
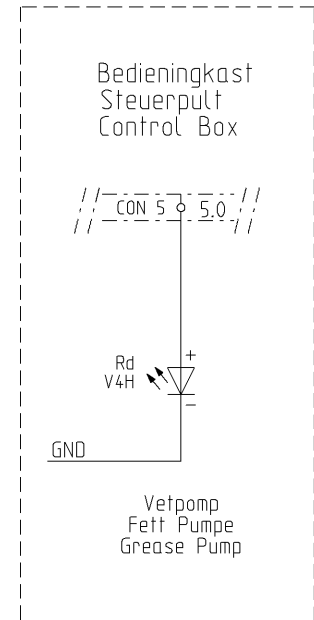
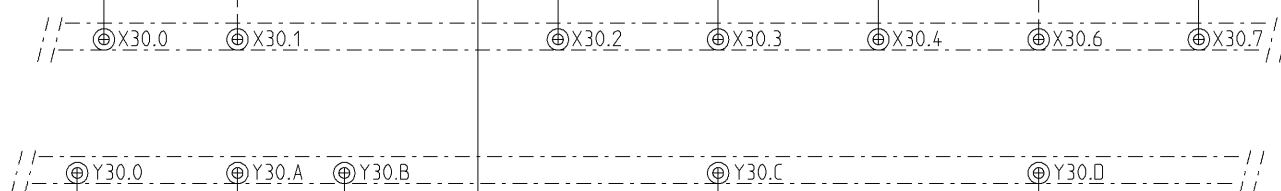
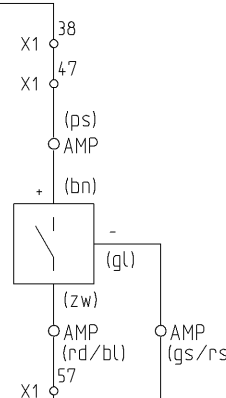
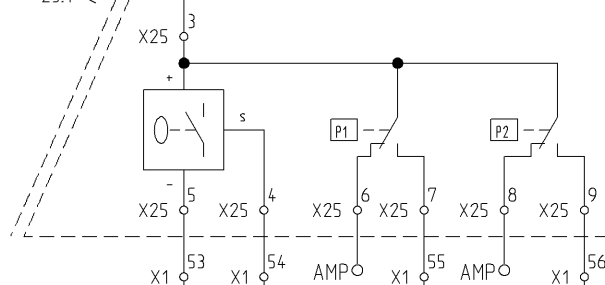
+24V ACCU

Smeersysteem Beka
Schmier System Beka
Grease System Beka



S25A

25.1 ← AB



Vetpomp
Fett Pumpe
Grease Pump

Vetpomp
Fett Pumpe
Grease Pump

In Bedrijf
In Betrieb
Run

Leeg
Leer
Empty

Sensor laatste Smeerpunt
Sensor letzter Schmierpunkt
Sensor Last Grease Point

Druk Schakelaar P1/P2
Druck Schalter P1/P2
Pressure Switch P1/P2

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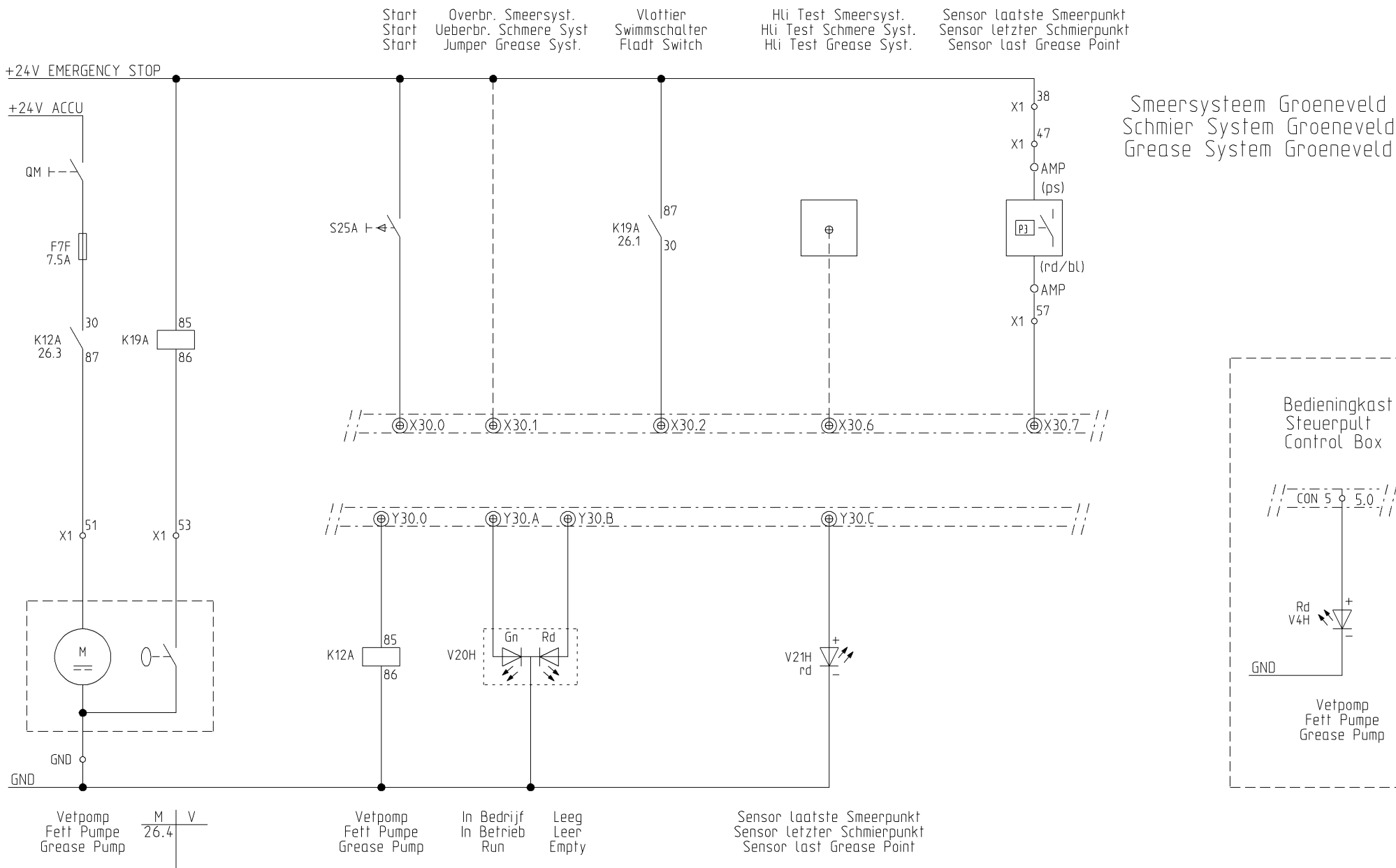
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Optionen

| | | | | |
|----------|------------|-------------------|-------|---------------|
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OPTIES
OPTIONEN
OPTIONS



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KLEMMENKAST KLEMMENKASTEN CONNECTION BOX

| WARTEL KABELINF. 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 | Lasdoos voor X6 | Verteilerdose vorn X6 | Connect. Box front X6 |
| 3 | DIV/VAR | Diesel | Diesel | Diesel |
| 4.1 | φ 38-GND-X4 | Scheefstand | Neigung | Inclination |
| 4.2 | DIV/VAR | Auto Niv. | Auto Niv. | Auto Niv. |
| 5.1 | φ 38-GND-X5 | Scheefstand Opt. | Neigung Opt. | Inclination Opt. |
| 5.2 | DIV/VAR | Koeler Opt. | Kuehler Opt. | Cooler Opt. |
| 6.1 | YA-GND | Stempels LA in | Stuetzen LH ein | Jacks LR in |
| 6.2 | YB-GND | Stempels LA uit | Stuetzen LH aus | Jacks LR out |
| 7.1 | YC-GND | Stempels RA in | Stuetzen RH ein | Jacks RR in |
| 7.2 | YD-GND | Stempels RA uit | Stuetzen RH aus | Jacks RR out |
| 8.1 | YE-GND | Stempels LV in | Stuetzen LV ein | Jacks LF in |
| 8.2 | YF-GND | Stempels LV uit | Stuetzen LV aus | Jacks LF out |
| 9.1 | YG-GND | Stempels RV in | Stuetzen RV ein | Jacks RF in |
| 9.2 | YH-GND | Stempels RV uit | Stuetzen RV aus | Jacks RF out |
| 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 | K9A:14-GND | Snelrijden | Schnell Fahren | Driving Fast |
| 12.2 | Y1-GND | Cir. Vent Ri.-Pl.-St. | Cir. Vent. Fa.-Pl.-St. | Cir. Valve Dr.-Pl.-Ja. |
| 13.1 | K7A:14-GND | Rijden Vooruit | Fahren Vorwaerts | Driving Forward |
| 13.2 | K8A:14-GND | Rijden Achteruit | Fahren Rueckwaerts | Driving Reverse |
| 14.1 | Y1.6-GND | Heffen | Heben | Lift Up |
| 14.2 | Y1.0-GND | Cir. Ventiel Stempels | Cir. Ventil Stuetzen | Cir. Valve Jacks |
| 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 | Y30.6-GND | Platform in | Plattform ein | Platform in |
| 16.2 | Y30.7-GND | Platform uit | Plattform aus | Platform out |
| 17.1 | φ 58 - φ 59 | Prop. Ventiel | Prop. Ventil | Prop. Valve |
| 17.2 | DIV/VAR | Frame Dieselmotor | Frame Dieselmotor | Frame Diesel Engine |

| WARTEL KABELINF. GLAND NR. | KLEM KLEMME TERMINAL NR | FUNKTIE | FUNKTION | FUNCTION |
|-------------------------------------|----------------------------------|-----------------------|-----------------------|---------------------|
| 18.1 | Y1.8-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 | Y1.9-GND | Relais Aggregaat Opt. | Relais Aggr. Opt. | Relais Aggr. Opt. |
| 19.2 | φ 39 -X1.4 | Tank leeg | Tank Leer | Tank empty |
| 20 | DIV/VAR | WCD Onderwagen 6PM | WCD Unterwagen 6PM | Socket Below 6PM |
| 21.1 | Y0-GND | Zwaailamp Opt. | Blitzleuchte Opt. | Flashlight Opt. |
| 21.2 | Y0-GND | Zwaailamp Opt. | Blitzleuchte Opt. | Flashlight Opt. |
| 22 | DIV/VAR | Smeersytem Opt. | Schmiere System Opt. | Grease System Opt. |
| 23 | φ 39 -X1.6 | Temp. Hd. Olie | Temp. Hd. Oel | Temp. Hd. Oil |
| 24 | DIV/VAR | Minidat Optie | Minidat Option | Minidat Option |
| 25 | Res./Spare | | | |

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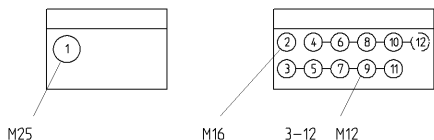
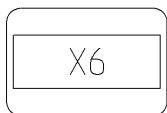
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Kasten/Bekabelung
 Kasten/Bekabelung
 Boxes/Cables

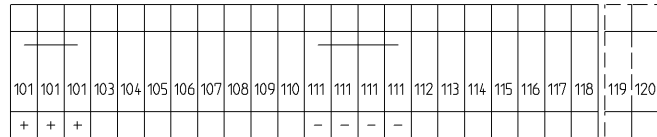
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LASDOOS AFSLAGEN
 VERTEILERDOSE HOEHEAUSSCHALTUNG
 MAXIMUM HEIGHT DISTRBUOR BOX



OPT.
 <2HA>

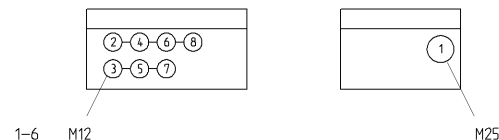
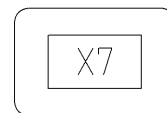
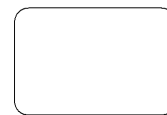
X6



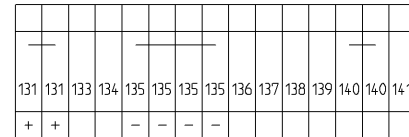
FSF

| 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 |
| 12 | 2e hooqte Afslag Optie | 2e hoehe Ausschaltung Option | 2nd height cut-out Option |

LASDOOS ACHTER
 VERTEILERDOSE HINTEN
 DISTRBUOR BOX REAR



X7

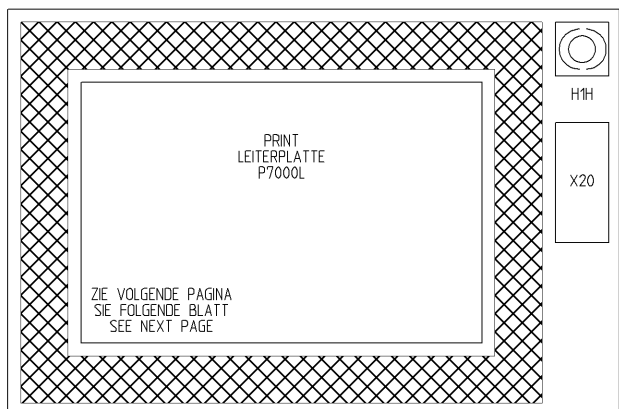
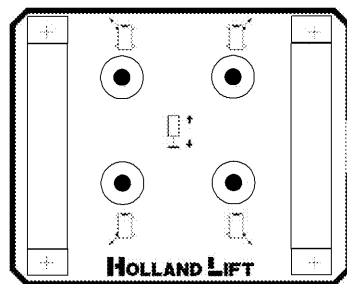
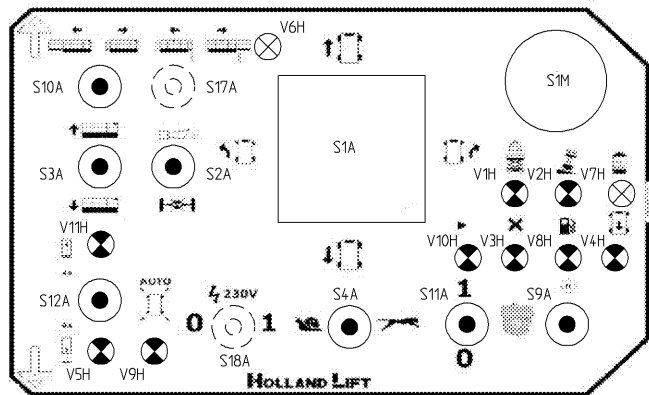


FSF

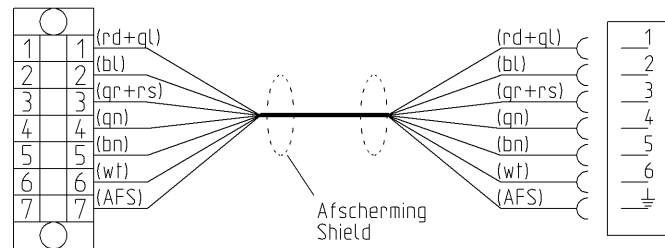
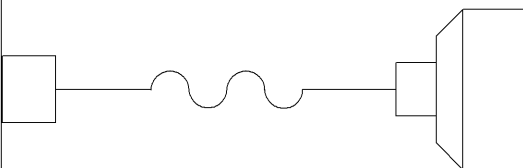
| NR. | Omschrijving | Beschreibung | Descreption |
|-----|---------------------------|-------------------------|--------------------------|
| 1 | Kabel Klemmenkast | Kabel Klemmenkasten | Cable Connection Box |
| 2 | Eindschak. LA in S11Q | Endschalter LA ein S11A | Limit Switch LR in S11Q |
| 3 | Eindschak. 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 | Poars | Violet | Violett |
| Tp | Transp. | Transp. | Transp. |
| Gs | Grijs | Grey | Grau |



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Kasten/Bekabelung
 Kasten/Bekabelung
 Boxes/Cables

Projekt: EB-21-001

Zeichnungsnummer:

Rev.:

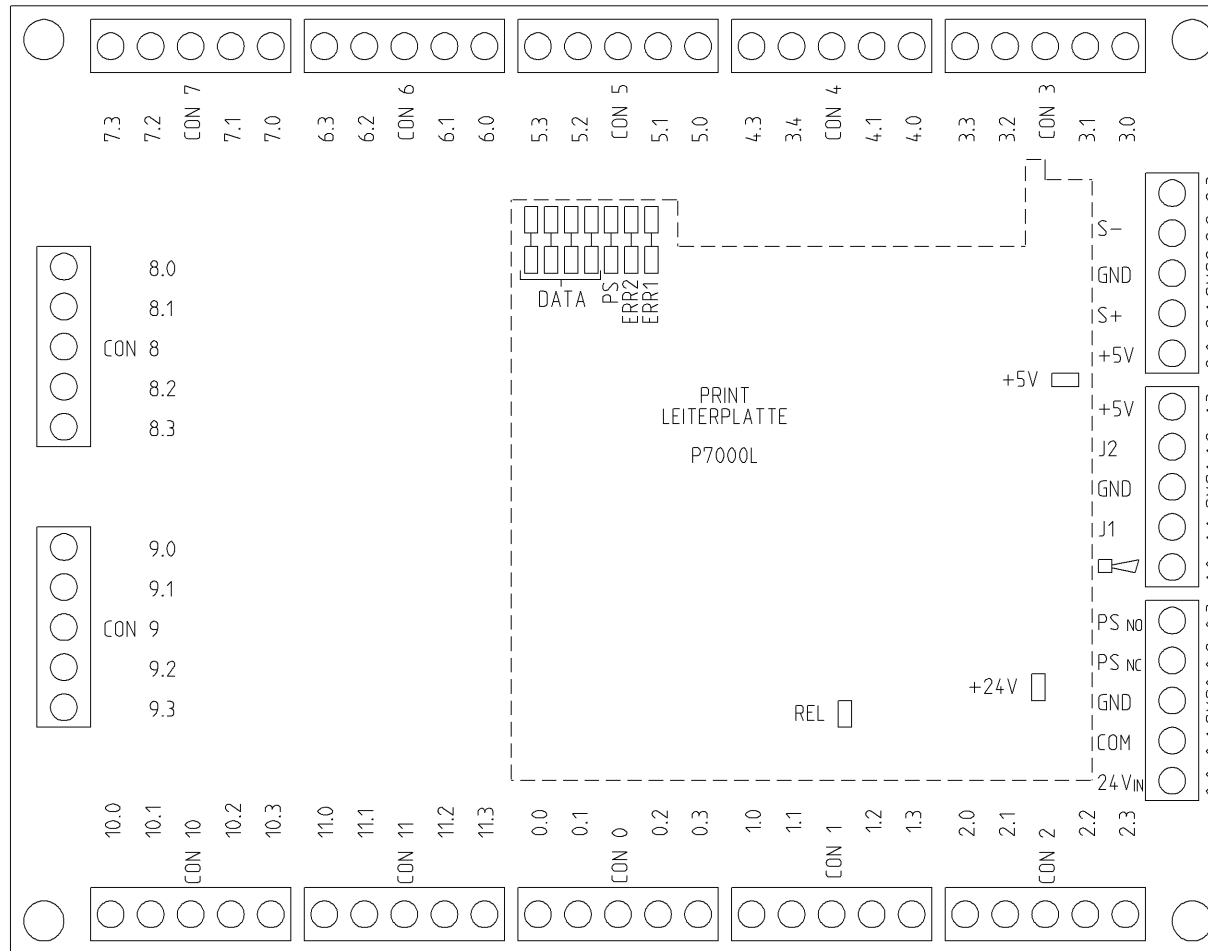
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Datum: 28.08.2013

Anlage: = Ort: +

Blatt: 30

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:
 EB-21-001

Zeichnungsnummer:

Rev.:

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Datum:
 28.08.2013

Anlage:

Ort:

Blatt:
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| | | | |
|-------|-------------------------|-------------------------|------------------------|
| 0.0 | Rijden Vooruit (S1A2) | Fahren Vorwaerts (S1A2) | Driving Forward (S1A2) |
| 0.1 | Rijden Achteruit (S1A3) | Fahren Rueck. (S1A3) | Driving Reverse (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. (S2A3) | Sperr/Diff. (S2A3) | Slip/Diff. (S2A3) |
| CON 1 | | | |
| 1.2 | Heffen (S3A1) | Heben (S3A1) | Lift Up (S3A1) |
| 1.3 | Dalen (S3A3) | Senken (S3A2) | Lift Down (S3A3) |

| | | | |
|-------|---------------------|----------------------|--------------------|
| 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. (S12A3) | 4x aus Au. Niv. (S12S3) | 4x out Au. Niv.(S12A3) |

| | | | |
|-------|-------------------------|--------------------------|-------------------------|
| 4.0 | Plat. acht. in (S10A1) | Plat. hinten ein (S10A1) | Plat. rear in (S10A1) |
| 4.1 | Plat. acht. uit (S10A3) | Plat. hinten aus (S10A3) | Plat. rear out (S10A3) |
| CON 4 | | | |
| 4.2 | Plat. voor in (S17A1) | Plat. vorn ein (S17A1) | Plat. front in (S17A1) |
| 4.3 | Plat. voor uit (S17A3) | Plat. vorn aus (S17A3) | Plat. front out (S17A3) |

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

| | | | |
|-------|-----------------------|-----------------------|-----------------------|
| 6.0 | Start Motor (S11A1) | Start Motor (S11A1) | Start Engine (S11A1) |
| 6.1 | Stop Motor (S11A3) | Halte Motor (S11A3) | Stop Engine (S11A3) |
| CON 6 | | | |
| 6.2 | Gen. aan Opt. (S18A1) | Gen. an Opt. (S18A1) | Gen. on Opt. (S18A1) |
| 6.3 | Gen. uit Opt. (S18A3) | Gen. aus Opt. (S18A3) | Gen. off Opt. (S18A3) |

| | | | |
|-------|------------------------|-------------------------|----------------------|
| 7.0 | Stempels LA in (S15A1) | Stuetzen LH ein (S15A1) | Jacks LR in (S15A1) |
| 7.1 | Stemp. LA uit (S15A3) | Stuetzen LH aus (S15A3) | Jacks LR out (S15A3) |
| CON 7 | | | |
| 7.2 | Stempels RA in (S16A1) | Stuetzen RH ein (S16A1) | Jacks RR in (S16A1) |
| 7.3 | Stemp. RA uit (S16A3) | Stuetzen RH aus (S16A3) | Jacks RR out (S16A3) |

| | | | |
|-------|------------------------|-------------------------|----------------------|
| 8.0 | Stempels LV in (S13A1) | Stuetzen LV ein (S13A1) | Jacks LF in (S13A1) |
| 8.1 | Stemp. LV uit (S13A3) | Stuetzen LV aus (S13A3) | Jacks LF out (S13A3) |
| CON 8 | | | |
| 8.2 | Stempels RV in (S14A1) | Stuetzen RV ein (S14A1) | Jacks RF in (S14A1) |
| 8.3 | Stemp. RV uit (S14A3) | Stuetzen RV aus (S14A3) | Jacks RF out (S14A3) |

| | | | |
|-------|--------------------|---------------------|-----------------|
| 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 | Plat. vo. in Opt. (V6H) | Plat. vo. ein Opt. (V6H) | Plat. fr. in Opt. (V6H) |

| | | | |
|--------|---------|---------|-------|
| 11.0 | Reserve | Reserve | Spare |
| 11.1 | Reserve | Reserve | Spare |
| CON 11 | | | |
| 11.2 | Reserve | Reserve | Spare |
| 11.3 | Reserve | Reserve | Spare |



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