

**BOMAG**  
FAYAT GROUP

Bomag GmbH  
Industriegebiet Hellerwald  
D-56154 Boppard

**Wiring illustration  
Verkabelungsdarstellung**

|  |                             |   |
|--|-----------------------------|---|
|  | thick lines<br>dicke Linien | routing on Powerboard<br>Routing auf Powerboard |
|  | thin lines<br>dünne Linien  | harness wiring<br>Kabelbäume                    |

**BF 600 P-2 MTU Tier 4f**



|                        |                           |   |   |                          |                          |   |   |                                   |   |                |   |             |     |
|------------------------|---------------------------|---|---|--------------------------|--------------------------|---|---|-----------------------------------|---|----------------|---|-------------|-----|
| 0                      | 1                         | 2 | 3 | 4                        | 5                        | 6 | 7 | 8                                 | 9                                       |                |   |             |     |
| Created<br>Realizzato  | L.Zuccarino<br>20/11/2018 |   |   | Cover sheet<br>Deckblatt |                          |   |   | Higher-level function<br>Impianto | =                                       | Page<br>Pagina | 1 | from<br>von | 133 |
| Checked<br>Controllato | R.Zaniboni<br>17/12/2018  |   |   |                          | <b>BF 600-2 P MTU T4</b> |   |   |                                   | Function<br>Funzione                    | = =            |   |             | 581 |
|                        |                           |   |   |                          |                          |   |   |                                   | Mounting location<br>Montaggio località | +              |   |             |     |

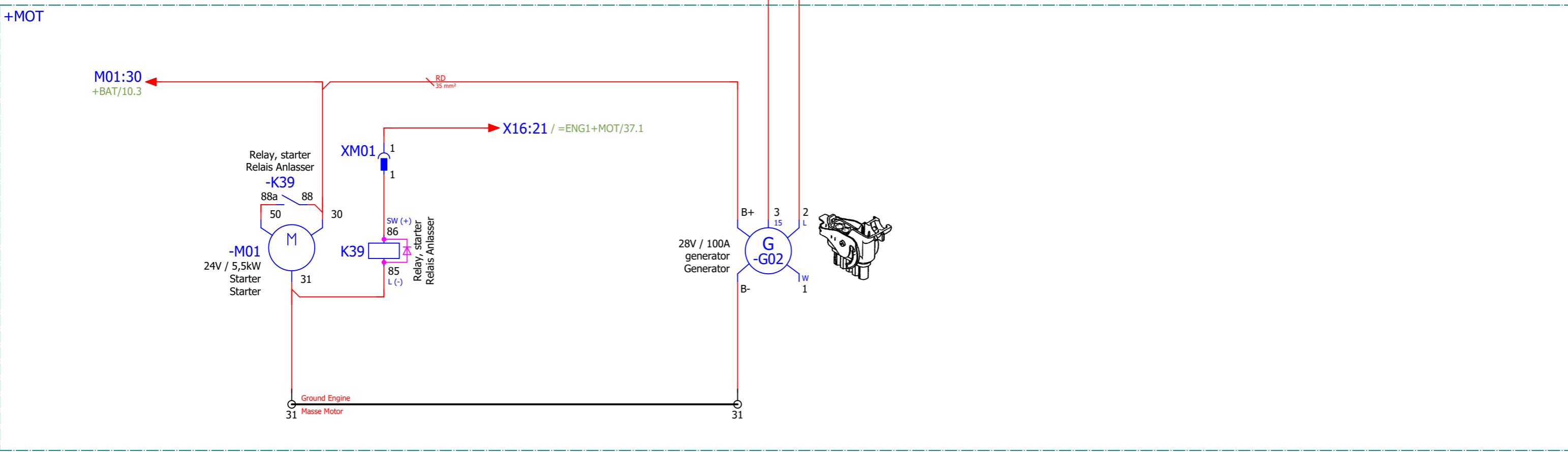
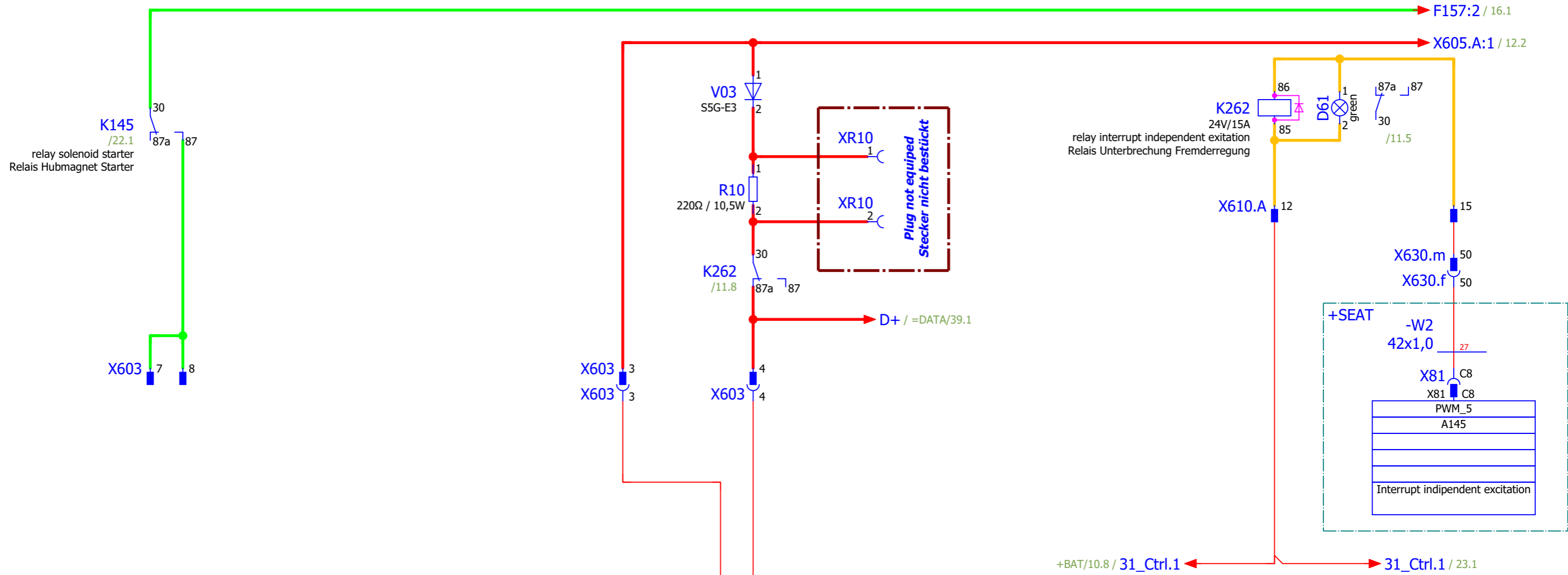
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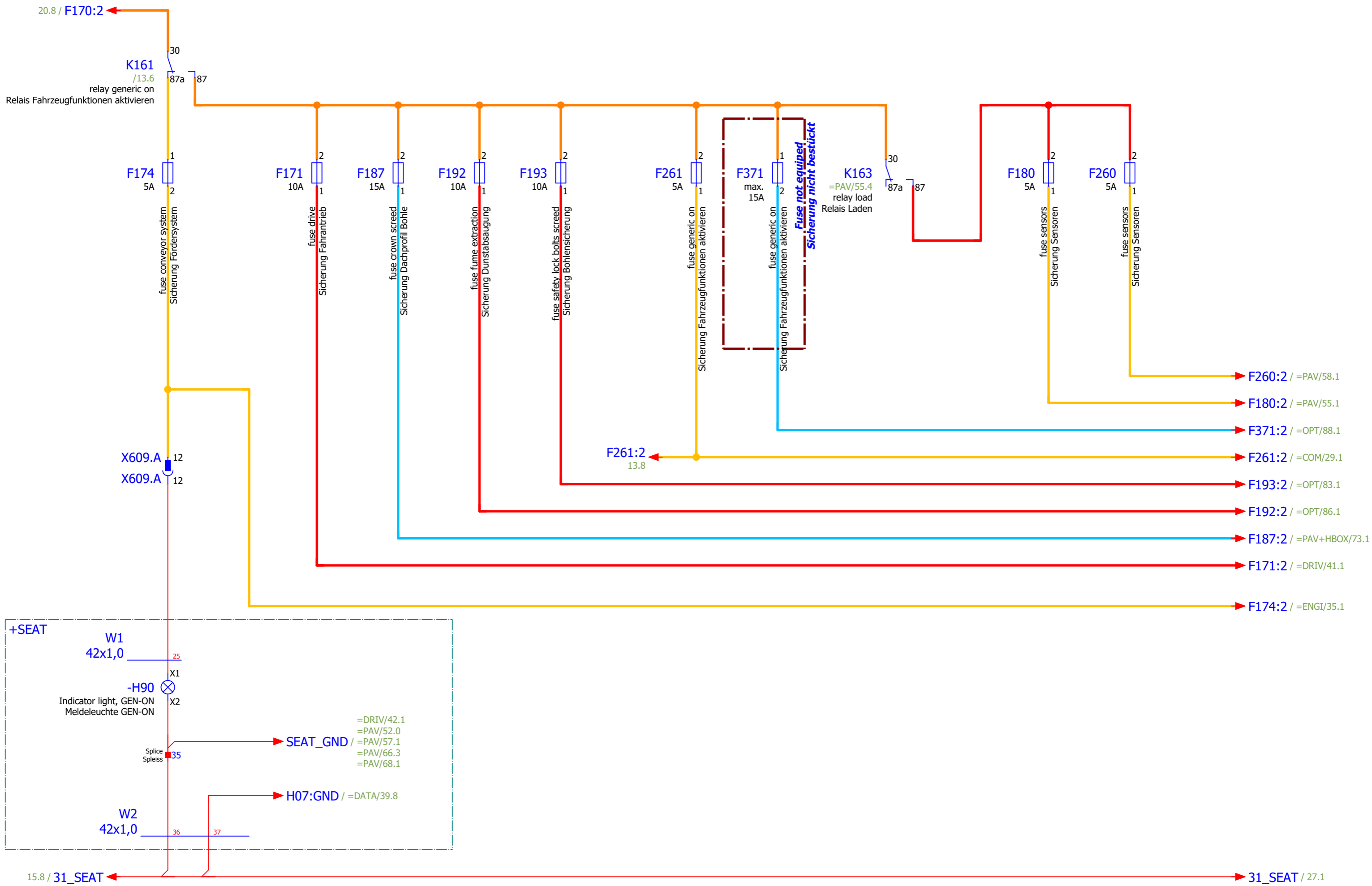
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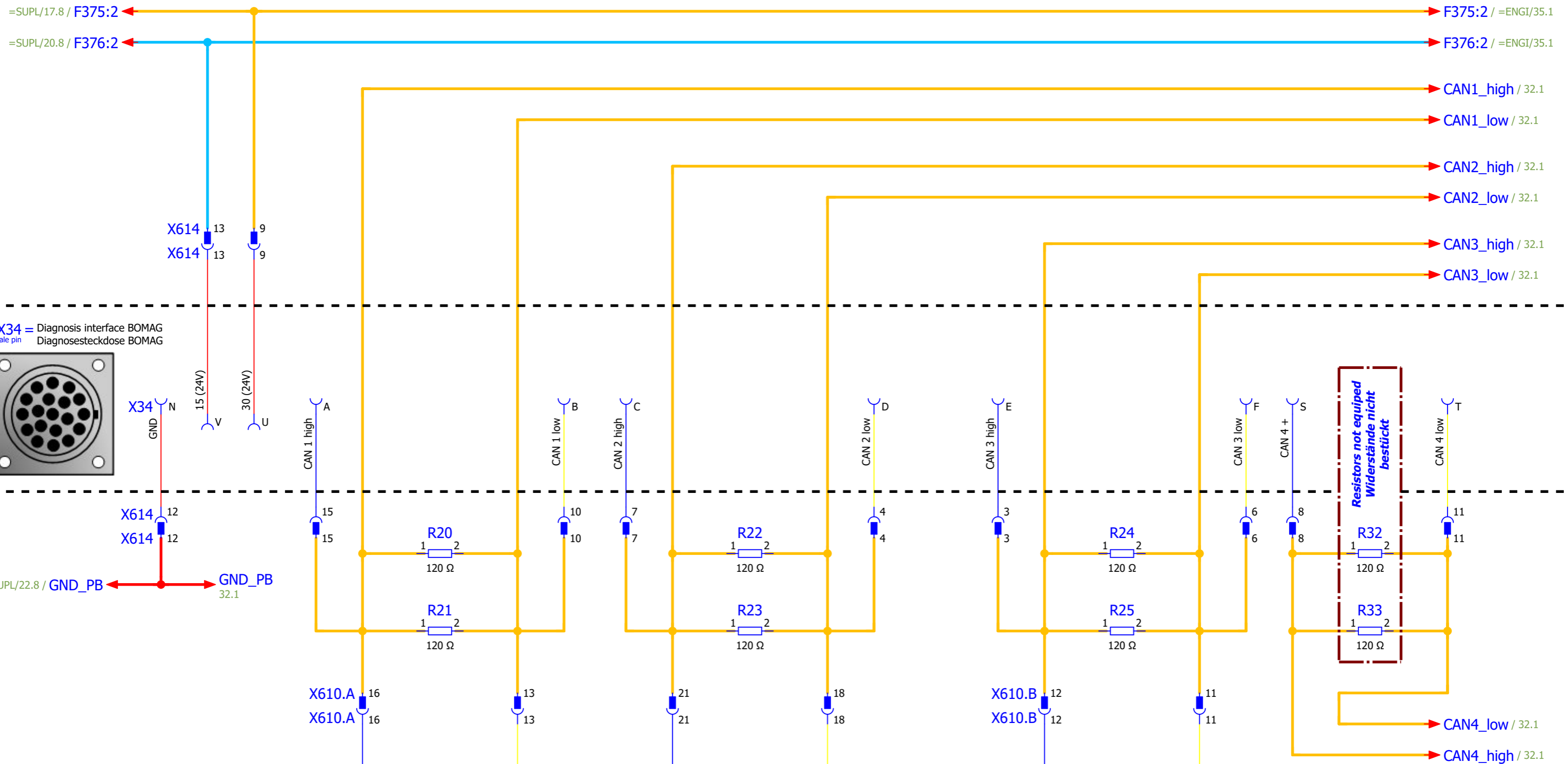


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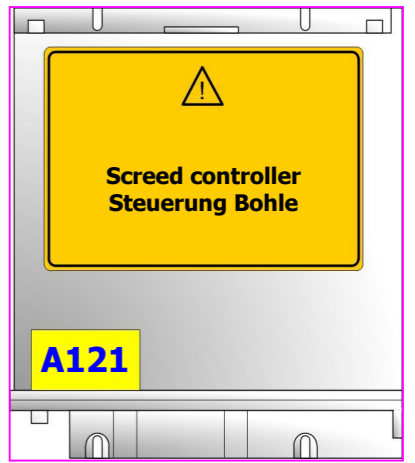


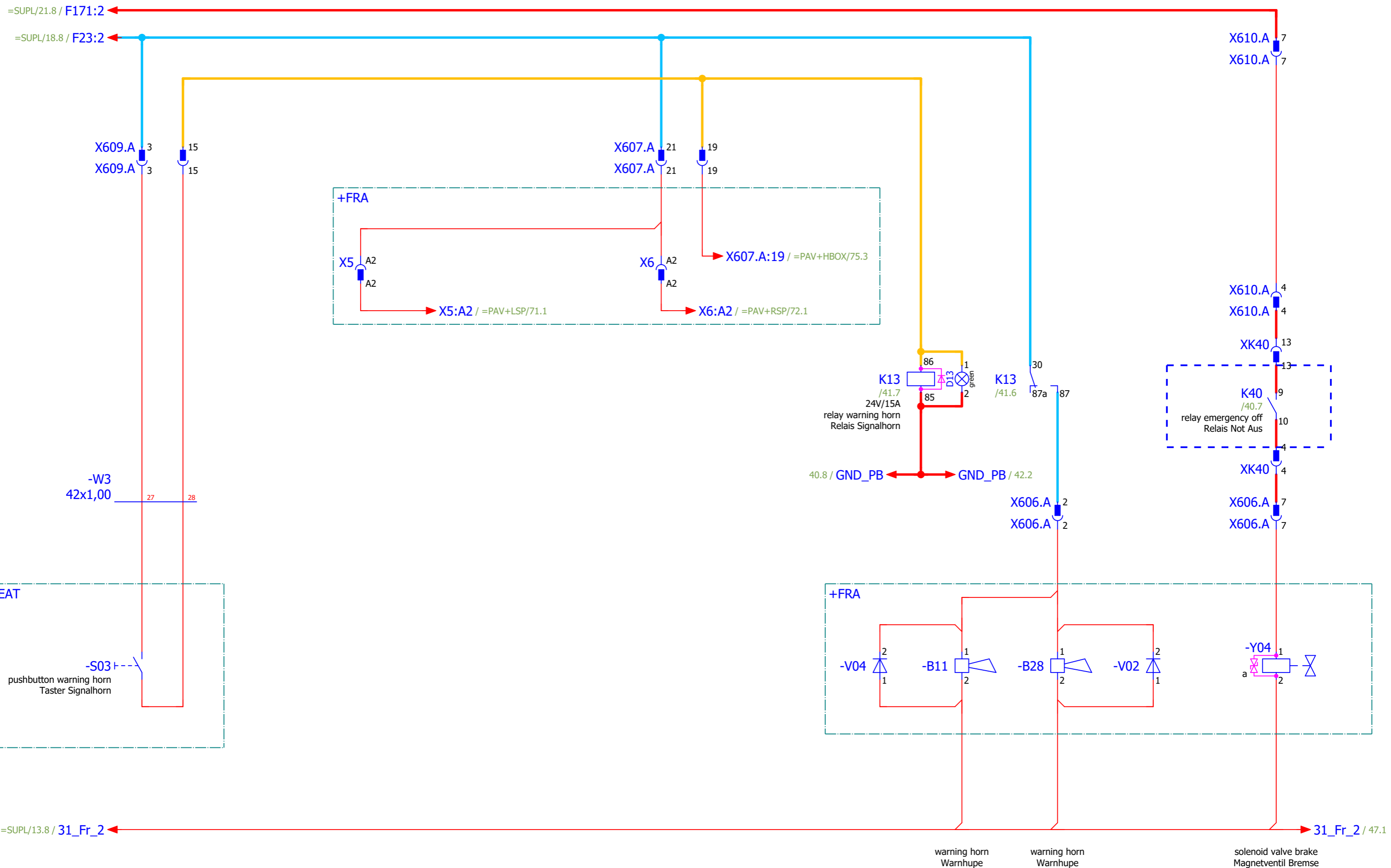





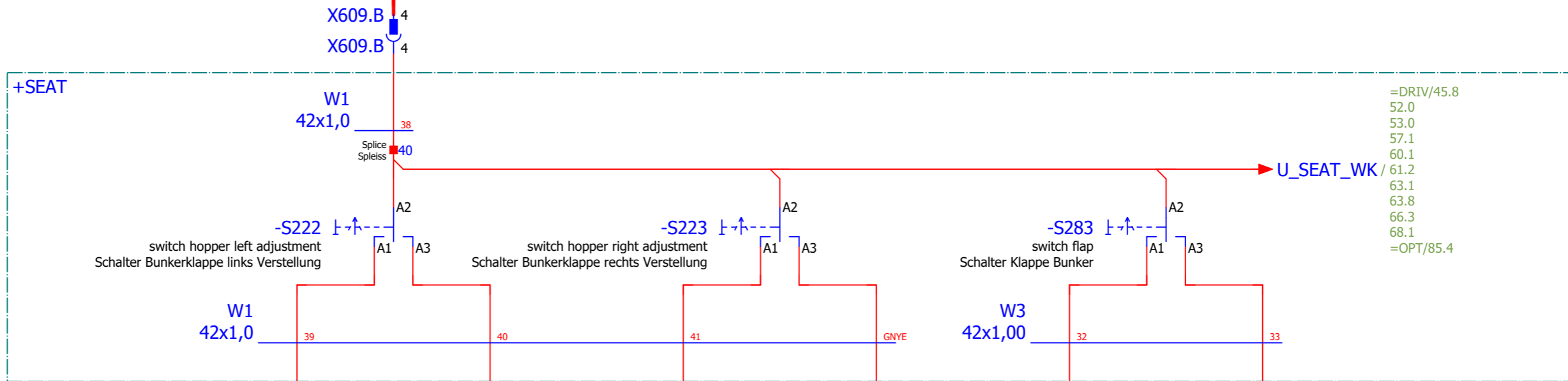
|                          |                        |                          |                        |
|--------------------------|------------------------|--------------------------|------------------------|
| X35 27                   | X35 26                 | X35 53                   | X35 33                 |
| CAN1_H                   | CAN1_L                 | CAN2_H                   | CAN2_L                 |
| A34                      | A34                    | A34                      | A34                    |
| CAN1_H                   | CAN1_L                 | CAN2_H                   | CAN2_L                 |
|                          |                        |                          |                        |
| CAN 1 high<br>CAN 1 high | CAN 1 low<br>CAN 1 low | CAN 2 high<br>CAN 2 high | CAN 2 low<br>CAN 2 low |

|                          |                        |
|--------------------------|------------------------|
| X68 53                   | X68 33                 |
| CAN2_H                   | CAN2_L                 |
| A121                     | A121                   |
| CAN2_H                   | CAN2_L                 |
|                          |                        |
| CAN 2 high<br>CAN 2 high | CAN 2 low<br>CAN 2 low |

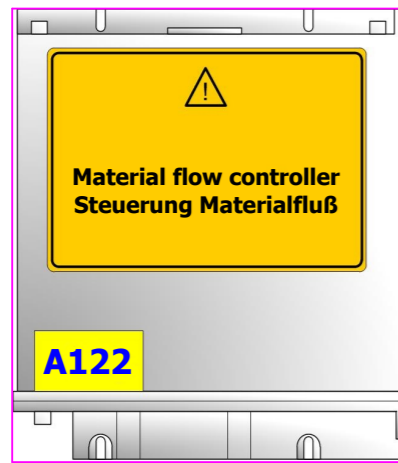




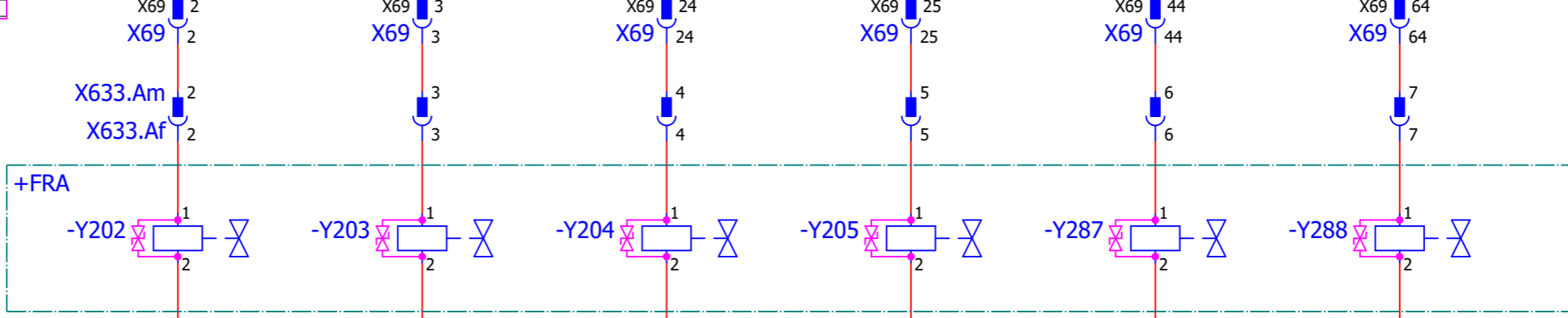
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| 0                      | 1                          | 2 | 3  | 4  | 5 | 6 | 7 | 8                                 | 9      |   |        |             |     |
| Created<br>Realizzato  | L.Zuccharino<br>20/11/2018 |   |  <b>BOMAG</b><br>FAYAT GROUP | Warning horns, Brake<br>Warnhörner, Bremse |   |   |   | Higher-level function<br>Impianto | = DRIV | Page<br>Pagina                          | 41     | from<br>von | 133 |
| Checked<br>Controllato | R.Zaniboni<br>17/12/2018   |   |  |  |   |   |   | <b>BF 600-2 P MTU T4</b>          |        | Function<br>Funzione                    | = BF   | 581         |     |
|                        |                            |   |  |  |   |   |   |                                   |        | Mounting location<br>Montaggio località | + EBOX |             |     |



=DRIV/45.8  
52.0  
53.0  
57.1  
60.1  
61.2  
63.1  
63.8  
66.3  
68.1  
=OPT/85.4



|   |  |   |  |   |  |
|---|--|---|--|---|--|
| DIN9 / 0..32V   | OUT7 / 2,5A curr.-feedb.   | DIN11 / 0..32V  | OUT8 / 2,5A curr.-feedb.   | AIN2 / 10V 25mA   | AIN4 / 10V 25mA  |
| DIN_9   | DO_6   | A122  | A122   | A122  | A122   |
| Switch "Hopper Left Up"<br>Schalter Bunkerklappe links öffnen | Switch "Hopper Left Down"<br>Schalter Bunkerklappe links schließen | Switch "Hopper Right Up"<br>Schalter Bunkerklappe rechts öffnen | Switch "Hopper Right Down"<br>Schalter Bunkerklappe rechts schließen | Switch "Hopper Flap Up"<br>Schalter Klappe Bunker heben | Switch "Hopper Flap Down"<br>Schalter Klappe Bunker senken |
| Valve "Hopper Left Up"<br>Ventil Bunkerklappe links öffnen    | Valve "Hopper Left Down"<br>Ventil Bunkerklappe links schließen    | Valve "Hopper Right Up"<br>Ventil Bunkerklappe rechts öffnen    | Valve "Hopper Right Down"<br>Ventil Bunkerklappe rechts schließen    | Valve "Hopper Flap Up"<br>Ventil Klappe Bunker heben    | Valve "Hopper Flap Down"<br>Ventil Klappe Bunker senken    |
| DO_2  | DO_4   | DO_1  | DO_3   | PWM_10  | PWM_5  |
| A122  | A122   | A122  | A122   | A122  | A122   |
| OUT10 / 2,5A curr.-feedb.                                     | OUT12 / 2,5A curr.-feedb.  | OUT9 / 2,5A curr.-feedb.  | OUT11 / 2,5A curr.-feedb.  | OUT17 / 4A curr.-measur.                                | OUT5 / 4A curr.-measur.                                    |



solenoid valve hopper left up  
Magnetventil Bunkerklappe links anheben

solenoid valve hopper left down  
Magnetventil Bunkerklappe links absenken

solenoid valve hopper right up  
Magnetventil Bunkerklappe rechts anheben

solenoid valve hopper right down  
Magnetventil Bunkerklappe Rechts Absenken

solenoid valve front flap up  
Magnetventil Bunkerklappe anheben

solenoid valve front flap down  
Magnetventil Bunkerklappe absenken

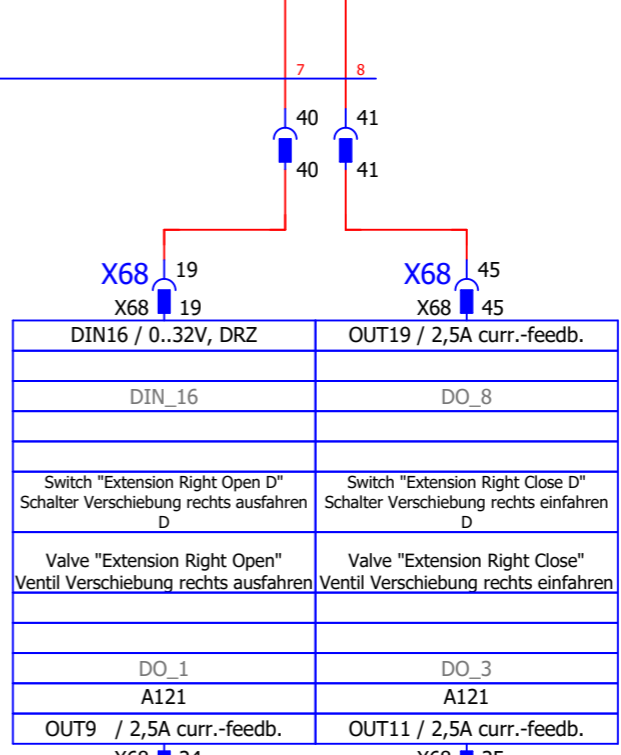
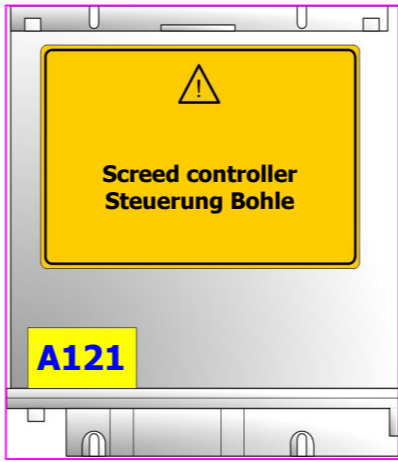
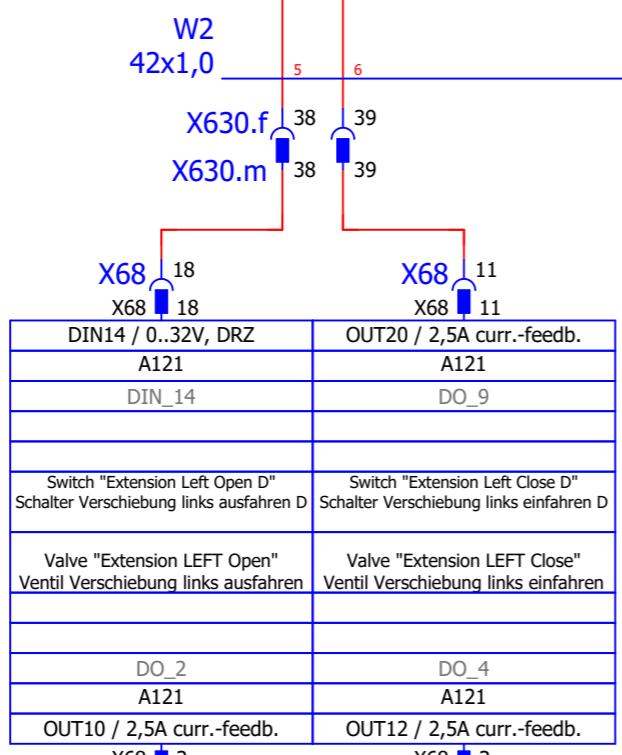
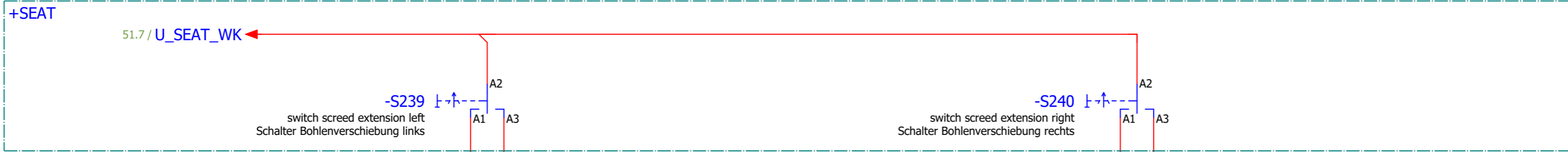
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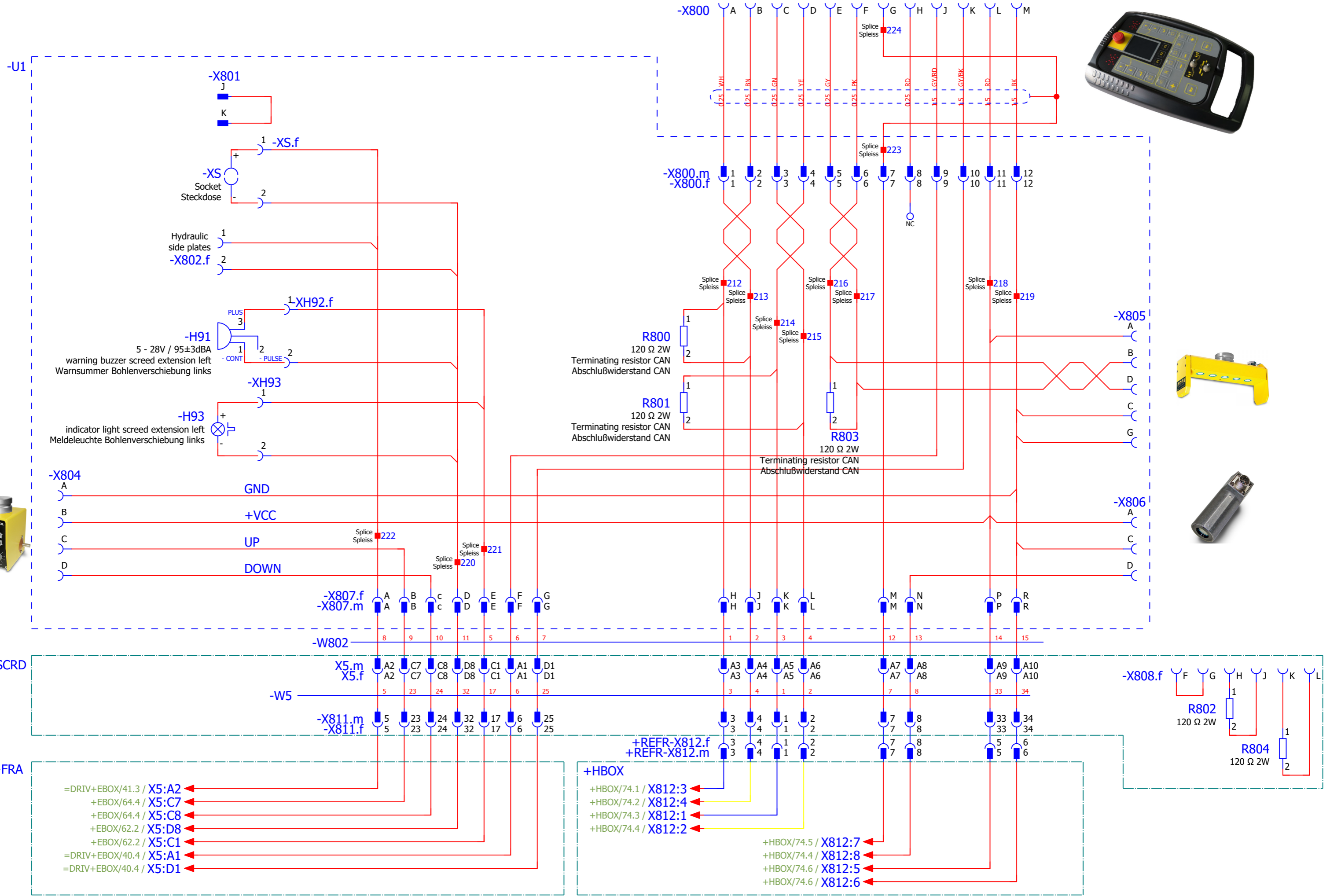
55.4 / 31\_Fr\_Scr ← module interval switch Modul Intervallschalter

→ 31\_Fr\_Scr / 62.1

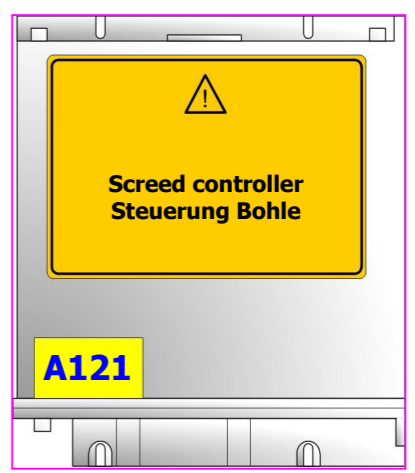
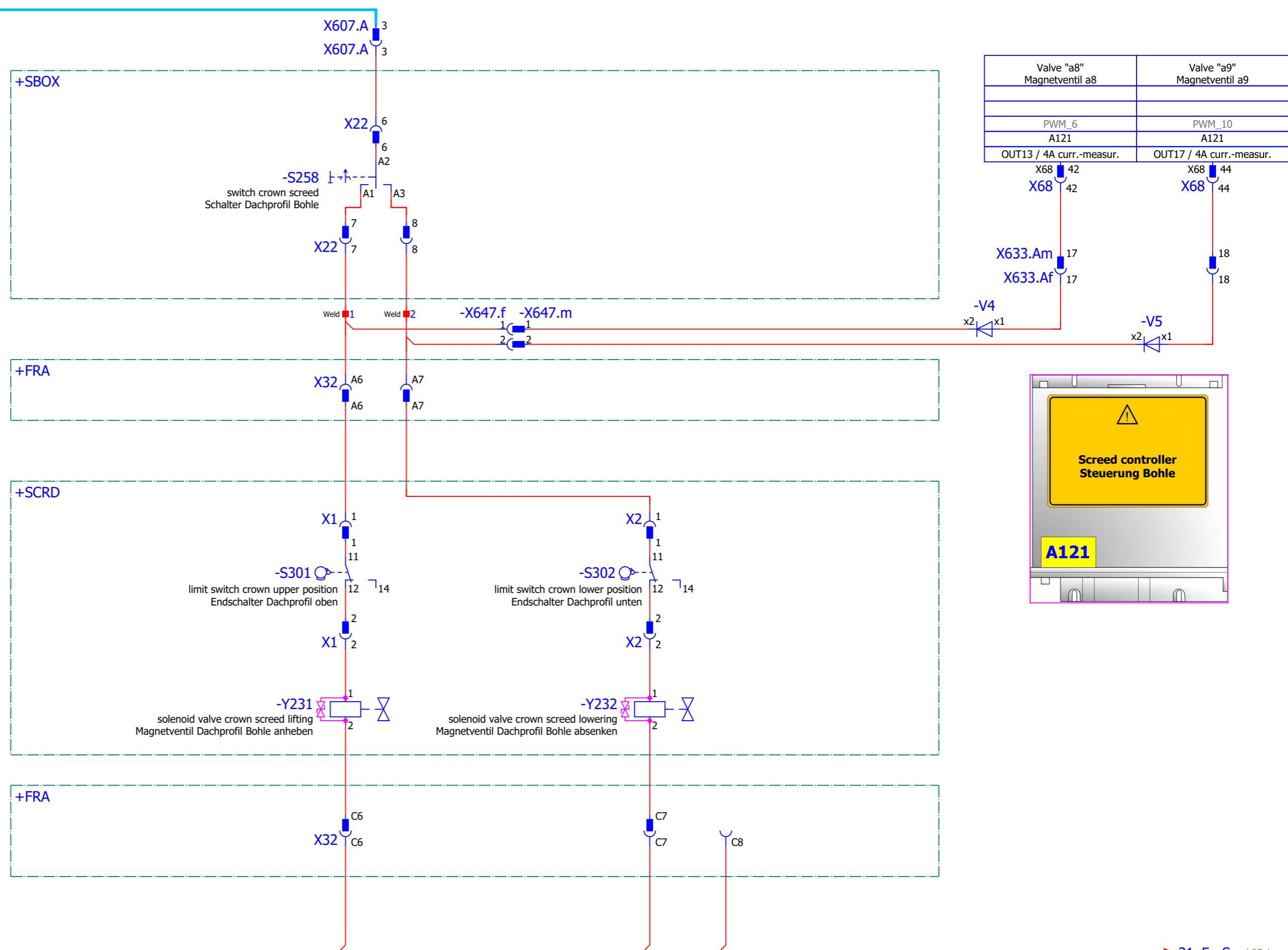
solenoid valve screed left close  
Magnetventil Bohle links einfahren

solenoid valve screed right open  
Magnetventil Bohle rechts ausfahren

solenoid valve screed right close  
Magnetventil Bohle rechts einfahren



|                        |                           |   |   |                 |   |   |   |                                   |       |                |    |             |     |
|------------------------|---------------------------|---|---|-----------------|---|---|---|-----------------------------------|-------|----------------|----|-------------|-----|
| 0                      | 1                         | 2                                       | 3 | 4               | 5 | 6 | 7 | 8                                 | 9     |                |    |             |     |
| Created<br>Realizzato  | L.Zuccarino<br>20/11/2018 |   |   | Side Panel Left |   |   |   | Higher-level function<br>Impianto | = PAV | Page<br>Pagina | 71 | from<br>von | 133 |
| Checked<br>Controllato | R.Zaniboni<br>17/12/2018  |   |   |                 |   |   |   | Function<br>Funzione              | = BF  | 581            |    |             |     |
|                        |                           | Mounting location<br>Montaggio località |   |                 |   |   |   | + LSP                             |       |                |    |             |     |
| BF 600-2 P MTU T4      |                           |   |   |                 |   |   |   |                                   |       |                |    |             |     |



# Device tag list

## Betriebsmittelliste

| Device tag<br>BMK | Page Path<br>Blatt Pfad | Mounting location<br>Einbauort | Higher-level function<br>Anlage | Function text                                     | Funktionstext                                       | characteristics<br>Techn.-Kenngrößen |
|-------------------|-------------------------|--------------------------------|---------------------------------|---|---|--------------------------------------|
|                   | 73 3                    |                                |                                 |   |   |                                      |
| A02               | 77 3                    | +EBOX                          |                                 | module flasher                                    | Modul Blinker                                       | 24V                                  |
| A34               | 23 3                    | +EBOX                          |                                 | Driving Controller                                | Fahrsteuerung                                       | ---> Pin overview                    |
| A44               | 37 1                    | +MOT                           |                                 | ECU engine controller                             | ECU Motorsteuergerät                                | max. 480W                            |
| A48               | 36 0                    | +DPL                           |                                 | - " -   | - " -   |                                      |
| A80               | 27 0                    | +EBOX                          |                                 | module data collector                             | Modul Datensammler                                  | ---> Pin overview                    |
| A81               | 28 0                    | +SEAT                          |                                 | display   | Anzeige   | ---> Pin overview                    |
| A121              | 24 3                    | +EBOX                          |                                 | Screed controller                                 | Steuerung Bohle                                     | ---> Pin overview                    |
| A122              | 25 3                    | +EBOX                          |                                 | Material flow controller                          | Steuerung Materialfluß                              | ---> Pin overview                    |
| A123              | 28 5                    | +SEAT                          |                                 | module data collector                             | Modul Datensammler                                  | ---> Pin overview                    |
| A124              | 89 3                    | +EBOX                          |                                 | Electronic system, BOMAG Telematics               | Elektronik BOMAG Telematik                          |                                      |
| A127              | 74 5                    | +HBOX                          |                                 | "Screed Widht Left"                               | "Screed Widht Left"                                 |                                      |
| A138              | 89 5                    | +SEAT                          |                                 | Antenna, BOMAG Telematics                         | Antenne BOMAG Telematik                             |                                      |
| A140              | 38 1                    | +FRA                           |                                 | ECU SCR   | ECU SCR   | max. 480W                            |
| A142              | 38 4                    | +FRA                           |                                 | module AdBlue supply                              | Modul AdBlue Versorgung                             |                                      |
| A143              | 38 4                    | +FRA                           |                                 | AdBlue dosing unit                                | AdBlue Dosiereinheit                                |                                      |
| A145              | 27 4                    | +SEAT                          |                                 | CAN I/O Module                                    | CAN I/O Modul                                       | ---> Pin overview                    |
| B03               | 39 7                    | +MOT                           |                                 | switch air filter maintenance                     | Schalter Luftfilter Wartung                         |                                      |
| B11               | 41 6                    | +FRA                           |                                 | warning horn                                      | Warnhupe  |                                      |
| B12               | 46 2                    | +FRA                           |                                 | pressure switch brake                             | Druckschalter Bremse                                |                                      |
| B19               | 39 6                    | +FRA                           |                                 | sensor contamination                              | Sensor Verschmutzung                                |                                      |
| B21               | 39 2                    | +FRA                           |                                 | differential pressure switch filter hydraulic oil | Differenzdruckschalter Filter Hydrauliköl           |                                      |
| B22               | 39 1                    | +FRA                           |                                 | - " -   | - " -   |                                      |
| B23               | 39 3                    | +FRA                           |                                 | sensor hydraulic oil level                        | Sensor Füllstand Hydrauliköl                        |                                      |
| B26               | 39 5                    | +FRA                           |                                 | sensor contamination                              | Sensor Verschmutzung                                |                                      |
| B28               | 41 7                    | +FRA                           |                                 | warning horn                                      | Warnhupe  |                                      |
| B42               | 39 4                    | +FRA                           |                                 | differential pressure switch filter hydraulic oil | Differenzdruckschalter Filter Hydrauliköl           |                                      |
| B55               | 39 6                    | +MOT                           |                                 | float switch coolant expansion tank level         | Schwimmerschalter Kühlmittel-<br>ausgleichsbehälter |                                      |
| B56               | 48 7                    | +EBOX                          |                                 | sensor slope                                      | Neigungssensor                                      | 4-20mA                               |
| B98               | 39 4                    | +FRA                           |                                 | sensor hydraulic oil temperature                  | Sensor Hydrauliköltemperatur                        |                                      |
| B109              | 48 1                    | +FRA                           |                                 | sensor rear left speed                            | Drehzahlsensor hinten links                         |                                      |
| B110              | 48 3                    | +FRA                           |                                 | sensor rear right speed                           | Drehzahlsensor hinten rechts                        |                                      |
| B121              | 39 1                    | +FRA                           |                                 | differential pressure switch filter hydraulic oil | Differenzdruckschalter Filter Hydrauliköl           |                                      |
| B122              | 39 0                    | +FRA                           |                                 | - " -   | - " -   |                                      |
| B124              | 39 6                    | +MOT                           |                                 | sensor water trap fuel                            | Sensor Wasserabscheider Kraftstoff                  |                                      |

# Device tag list

## Betriebsmittelliste

| Device tag<br>BMK | Page Path<br>Blatt Pfad | Mounting location<br>Einbauort | Higher-level function<br>Anlage | Function text                                | Funktionstext                                | characteristics<br>Techn.-Kenngrößen |
|-------------------|-------------------------|--------------------------------|---------------------------------|--|--|--------------------------------------|
| Y16               | 49 3                    | +FRA                           |                                 | solenoid valve drive direction forward       | Magnetventil Antrieb Fahrtrichtung Vorwärts  |                                      |
| Y17               | 49 4                    | +FRA                           |                                 | solenoid valve drive direction backwards     | Magnetventil Antrieb Fahrtrichtung Rückwärts |                                      |
| Y138              | 38 6                    | +FRA                           |                                 | solenoid valve heating unit                  | Magnetventil Heizung                         |                                      |
| Y194              | 13 2                    | +FRA                           |                                 | solenoid valve hydraulic activation          | Magnetventil Hydraulik aktivieren            |                                      |
| Y195              | 47 3                    | +FRA                           |                                 | solenoid valve mechanical gear high          | Magnetventil Fahrstufe Getriebe gross        |                                      |
| Y196              | 47 2                    | +FRA                           |                                 | solenoid valve mechanical gear low           | Magnetventil Fahrstufe Getriebe klein        |                                      |
| Y197              | 49 1                    | +FRA                           |                                 | solenoid valve hydraulic gear                | Magnetventil Fahrstufe Hydraulikmotor        |                                      |
| Y198              | 49 2                    | +FRA                           |                                 | - " -  | - " -  |                                      |
| Y201              | 49 6                    | +FRA                           |                                 | solenoid valve torque drive front            | Magnetventil Drehmoment Fahrantrieb Vorne    |                                      |
| Y202              | 51 3                    | +FRA                           |                                 | solenoid valve hopper left up                | Magnetventil Bunkerklappe links anheben      |                                      |
| Y203              | 51 4                    | +FRA                           |                                 | solenoid valve hopper left down              | Magnetventil Bunkerklappe links absenken     |                                      |
| Y204              | 51 5                    | +FRA                           |                                 | solenoid valve hopper right up               | Magnetventil Bunkerklappe rechts anheben     |                                      |
| Y205              | 51 6                    | +FRA                           |                                 | solenoid valve hopper right down             | Magnetventil Bunkerklappe Rechts Absenken    |                                      |
| Y206              | 56 4                    | +FRA                           |                                 | solenoid valve conveyor left reverse         | Magnetventil Förderband links rückwärts      |                                      |
| Y207              | 56 3                    | +FRA                           |                                 | solenoid valve conveyor left forward         | Magnetventil Förderband links vorwärts       |                                      |
| Y208              | 56 6                    | +FRA                           |                                 | solenoid valve conveyor right reverse        | Magnetventil Förderband rechts rückwärts     |                                      |
| Y209              | 56 5                    | +FRA                           |                                 | solenoid valve conveyor right forward        | Magnetventil Förderband rechts vorwärts      |                                      |
| Y210              | 59 3                    | +FRA                           |                                 | solenoid valve auger left forward            | Magnetventil Förderschnecke Links Vorwärts   |                                      |
| Y211              | 59 4                    | +FRA                           |                                 | solenoid valve auger left reverse            | Magnetventil Förderschnecke Links Rückwärts  |                                      |
| Y212              | 59 5                    | +FRA                           |                                 | solenoid valve auger right forward           | Magnetventil Förderschnecke Rechts Vorwärts  |                                      |
| Y213              | 59 6                    | +FRA                           |                                 | solenoid valve auger right reverse           | Magnetventil Förderschnecke Rechts Rückwärts |                                      |
| Y214              | 60 7                    | +FRA                           |                                 | solenoid valve auger box lifting             | Magnetventil Box Förderschnecken anheben     |                                      |
| Y215              | 60 8                    | +FRA                           |                                 | solenoid valve auger box lowering            | Magnetventil Box Förderschnecken Absenken    |                                      |
| Y216              | 61 2                    | +SCRD                          |                                 | module interval switch                       | Modul Intervallschalter                      |                                      |
| Y217              | 61 3                    | +SCRD                          |                                 | solenoid valve screed left close             | Magnetventil Bohle links einfahren           |                                      |
| Y218              | 61 6                    | +SCRD                          |                                 | solenoid valve screed right open             | Magnetventil Bohle rechts ausfahren          |                                      |
| Y219              | 61 7                    | +SCRD                          |                                 | solenoid valve screed right close            | Magnetventil Bohle rechts einfahren          |                                      |
| Y220              | 63 2                    | +FRA                           |                                 | solenoid valve screed left lifting           | Magnetventil Bohle links anheben             |                                      |
| Y221              | 63 3                    | +FRA                           |                                 | solenoid valve screed left lowering          | Magnetventil Bohle links absenken            |                                      |
| Y222              | 63 4                    | +FRA                           |                                 | solenoid valve screed right lifting          | Magnetventil Bohle rechts anheben            |                                      |
| Y223              | 63 5                    | +FRA                           |                                 | solenoid valve screed right lowering         | Magnetventil Bohle rechts absenken           |                                      |
| Y224              | 68 5                    | +FRA                           |                                 | solenoid valve tamper screed                 | Magnetventil Stampfer Bohle                  |                                      |
| Y225              | 68 6                    | +FRA                           |                                 | solenoid valve vibrating plates screed       | Magnetventil Vibrationsplatten Bohle         |                                      |
| Y226              | 67 1                    | +FRA                           |                                 | Solenoid valve, screed up                    | Magnetventil Bohle heben                     |                                      |
| Y227              | 67 2                    | +FRA                           |                                 | Solenoid valve, floating position screed 1   | Magnetventil Schwimmstellung Bohle 1         |                                      |
| Y228              | 67 4                    | +FRA                           |                                 | Solenoid valve, floating position screed 2   | Magnetventil Schwimmstellung Bohle 2         |                                      |
| Y229              | 67 5                    | +FRA                           |                                 | Solenoid valve, activate load control system | Magnetventil Freigabe Bohlenentlastung       |                                      |

# Pin overview

## Pin Übersicht

| A123         |             | module data collector<br>Modul Datensammler |           |                          |                                      |                                |  |  |  |
|--------------|-------------|---|-----------|--------------------------|--------------------------------------|--------------------------------|--|--|--|
| Plug Stecker | Pin Kontakt | Page Blatt                                  | Path Pfad | Description Beschreibung | Signal                               | Signal                         |  |  |  |
| X72          | 1           | 66  | 4         | Digital IN 1             | Switch "Screed up"                   | Schalter Bohle heben           |  |  |  |
| X72          | 2           | 66  | 5         | Digital IN 2             | Switch "Screed float"                | Schalter Schwimmstellung Bohle |  |  |  |
| X72          | 3           | 68  | 2         | Digital IN 3             | Switch "Tamper ON OFF"               | Schalter Stampfer EIN AUS      |  |  |  |
| X72          | 4           | 68  | 3         | Digital IN 4             | Switch "Vibration ON OFF"            | Schalter Vibration EIN AUS     |  |  |  |
| X72          | 5           | 52  | 7         | Digital IN 5             | Switch "Conveyor Left Auto"          | Schalter Förderband links Auto |  |  |  |
| X72          | 6           | 52  | 8         | Digital IN 6             | - " -                                | - " -                          |  |  |  |
| X72          | 7           | 60  | 2         | Digital IN 7             | Switch "Auger Box Up"                | Schalter Schneckenbox heben    |  |  |  |
| X72          | 8           | 60  | 3         | Digital IN 8             | Switch "Auger Box Down"              | Schalter Schneckenbox senken   |  |  |  |
| X72          | 9           | 76  | 8         | Digital IN 9             | "Working lights on"                  | Arbeitsbeleuchtung an          |  |  |  |
| X72          | 10          | 85  | 4         | Digital IN 10            | Switch "Cleaning"                    | Schalter Zentralreinigung      |  |  |  |
| X72          | 11          | 66  | 3         | Digital IN 11            | Push-button "Boost"                  | Taster Boost                   |  |  |  |
| X72          | 12          | 28  | 8         | GND                      | Supply Ground                        | Versorgung Masse               |  |  |  |
| X73          | 1           | 44  | 8         | 4-20mA                   | Poti "Front wheel torque"            | Poti Drehmoment                |  |  |  |
| X73          | 2           |   |           | Resistor 1               |                                      |                                |  |  |  |
| X73          | 3           | 42  | 8         | GND (KTY)                | Ground KTY Sensor                    | Masse KTY Sensor               |  |  |  |
| X73          | 4           |   |           | Supply SEPA              |                                      |                                |  |  |  |
| X73          | 5           | 28  | 7         | GND                      | Supply Ground                        | Versorgung Masse               |  |  |  |
| X73          | 6           | 34  | 2         | CAN high                 | CAN low                              | CAN low                        |  |  |  |
| X73          | 7           | 34  | 1         | CAN low                  | CAN high                             | CAN high                       |  |  |  |
| X73          | 8           | 28  | 7         | UB / 8..32V              | Power supply                         | Stromversorgung                |  |  |  |
| X73          | 9           | 45  | 7         | SEPA / 10kΩ...1MΩ        | Meter Counter Reset                  | Wegsteckenzähler Reset         |  |  |  |
| X73          | 10          | 42  | 9         | KTY / ...4,7kΩ           | Sensor "Ambient temperature"         | Sensor "Umgebungstemperatur"   |  |  |  |
| X73          | 11          |   |           | R / ...200Ω              |                                      |                                |  |  |  |
| X73          | 12          | 46  | 4         | 4-20mA                   | Pressure sensor, travel pump axle MB | Drucksensor Fahrpumpe Achse MB |  |  |  |

|  |                          |   |   |   |   |   |   |   |   |
|--|--------------------------|---|---|---|---|---|---|---|---|
| 0  | 1                        | 2 | 3   | 4                                       | 5 | 6 | 7 | 8   | 9                                       |
| Created Realizzato<br><b>L.Zuccarino</b><br>20/11/2018 | <b>BF 600-2 P MTU T4</b> |   | <br><b>BOMAG</b><br>FAYAT GROUP | Pin overview A123<br>Pin Übersicht A123 |   |   |   | Higher-level function =<br>Impianto =                 | Page 111 from 133<br>Pagina 111 von 133 |
| Checked Controllato<br><b>R.Zaniboni</b><br>17/12/2018 |                          |   |   |   |   |   |   | Function = =<br>Funzione = =                          | 581                                     |
|  |                          |   |   |   |   |   |   | Mounting location + PINO<br>Montaggio località + PINO |   |

# Plug overview Steckerübersicht

|                             |  |                             |       |
|-----------------------------|--|-----------------------------|-------|
| Plug Stecker                | -X65   | Mounting location Einbauort | +ROOF |
| Function text Funktionstext | Plug, illumination switches left Stecker Schalterbeleuchtung links |                             |       |
| Plug type Steckertyp        | Deutsch DT 2 pole  |                             |       |
| Contact Kontakt             | Wire harness Kabelbaum   |                             |       |
|                             | Page Blatt   | Path Pfad                   |       |
| 1                           | 79   | 0                           |       |
| 2                           | 79   | 0                           |       |

|                             |  |                             |      |
|-----------------------------|--|-----------------------------|------|
| Plug Stecker                | -X67   | Mounting location Einbauort | +FRA |
| Function text Funktionstext | Plug, central lubrication Stecker Zentralschmieranlage |                             |      |
| Plug type Steckertyp        | Deutsch DT 2 pole                                      |                             |      |
| Contact Kontakt             | Wire harness Kabelbaum                                 |                             |      |
|                             | Page Blatt   | Path Pfad                   |      |
| 1                           | 87   | 3                           |      |
| 2                           | 87   | 3                           |      |

|                             |   |                             |       |
|-----------------------------|---|-----------------------------|-------|
| Plug Stecker                | -X68  | Mounting location Einbauort | +EBOX |
| Function text Funktionstext | Plug, screed controller Stecker Steuerung Bohle |                             |       |
| Plug type Steckertyp        | AMP 68 pole                                     |                             |       |
| Contact Kontakt             | Wire harness Kabelbaum                          | Controller                  |       |
|                             | Page Blatt                                      | Path Pfad                   |       |

|                             |   |                             |       |
|-----------------------------|---|-----------------------------|-------|
| Plug Stecker                | -X69  | Mounting location Einbauort | +EBOX |
| Function text Funktionstext | Plug, material flow controller Stecker Steuerung Materialfluß |                             |       |
| Plug type Steckertyp        | AMP 68 pole   |                             |       |
| Contact Kontakt             | Wire harness Kabelbaum  | Controller                  |       |
|                             | Page Blatt  | Path Pfad                   |       |

|                             |  |                             |       |
|-----------------------------|--|-----------------------------|-------|
| Plug Stecker                | -X66   | Mounting location Einbauort | +ROOF |
| Function text Funktionstext | Plug, illumination switches right Stecker Schalterbeleuchtung rechts |                             |       |
| Plug type Steckertyp        | Deutsch DT 2 pole  |                             |       |
| Contact Kontakt             | Wire harness Kabelbaum   | Roof                        |       |
|                             | Page Blatt   | Path Pfad                   |       |
| 1                           | 79   | 1                           |       |
| 2                           | 79   | 1                           |       |

|                             |  |                             |      |
|-----------------------------|--|-----------------------------|------|
| Plug Stecker                | -X67.R   | Mounting location Einbauort | +FRA |
| Function text Funktionstext | Plug, central lubrication Stecker Zentralschmieranlage |                             |      |
| Plug type Steckertyp        | Deutsch DT 2 pole                                      |                             |      |
| Contact Kontakt             | Wire harness Kabelbaum                                 | Frame P and C               |      |
|                             | Page Blatt   | Path Pfad                   |      |
| 1                           | 87   | 4                           |      |
| 2                           | 87   | 4                           |      |

|    |    |   |
|----|----|---|
| 26 | 33 | 2 |
| 27 | 33 | 1 |
| 28 | 24 | 1 |
| 29 | 63 | 4 |
| 30 | 63 | 5 |
| 31 | 63 | 2 |
| 32 | 63 | 3 |
| 33 | 31 | 7 |
| 34 | 64 | 7 |
| 35 | 64 | 8 |
| 36 | 68 | 7 |
| 37 | 68 | 8 |
| 38 |    |   |
| 39 |    |   |
| 40 | 29 | 5 |
| 41 |    |   |
| 42 | 81 | 8 |
| 43 | 67 | 6 |
| 44 | 81 | 9 |
| 45 | 61 | 7 |
| 46 | 63 | 2 |
| 47 | 63 | 3 |
| 48 | 63 | 4 |
| 49 | 63 | 5 |
| 50 | 62 | 2 |
| 51 | 67 | 5 |
| 52 | 30 | 4 |
| 53 | 31 | 6 |
| 54 | 24 | 2 |
| 55 | 24 | 5 |
| 56 | 24 | 3 |
| 57 | 24 | 4 |
| 58 | 24 | 5 |
| 59 | 24 | 6 |
| 60 | 24 | 6 |
| 61 | 29 | 4 |
| 62 | 67 | 1 |
| 63 | 62 | 5 |
| 64 | 67 | 4 |
| 65 | 24 | 6 |
| 66 | 24 | 7 |
| 67 | 24 | 8 |
| 68 | 24 | 9 |

|    |    |   |
|----|----|---|
| 1  | 26 | 8 |
| 2  | 51 | 3 |
| 3  | 51 | 4 |
| 4  |    |   |
| 5  |    |   |
| 6  | 55 | 6 |
| 7  | 55 | 8 |
| 8  | 69 | 4 |
| 9  | 69 | 6 |
| 10 | 30 | 6 |
| 11 | 57 | 6 |
| 12 | 57 | 1 |
| 13 | 57 | 5 |
| 14 | 52 | 1 |
| 15 | 53 | 2 |
| 16 | 52 | 2 |
| 17 | 30 | 7 |
| 18 |    |   |
| 19 |    |   |
| 20 | 56 | 3 |
| 21 | 56 | 4 |
| 22 | 55 | 4 |
| 23 | 26 | 7 |
| 24 | 51 | 5 |
| 25 | 51 | 6 |
| 26 | 33 | 4 |
| 27 | 33 | 3 |
| 28 | 25 | 1 |
| 29 | 51 | 6 |
| 30 | 51 | 7 |
| 31 |    |   |
| 32 |    |   |
| 33 | 33 | 6 |
| 34 | 55 | 2 |
| 35 | 55 | 3 |
| 36 | 57 | 3 |
| 37 | 57 | 4 |
| 38 | 51 | 3 |
| 39 | 51 | 5 |
| 40 | 29 | 8 |
| 41 |    |   |
| 42 | 56 | 5 |
| 43 | 56 | 6 |
| 44 | 51 | 6 |
| 45 | 57 | 2 |
| 46 | 59 | 3 |
| 47 | 59 | 4 |
| 48 | 59 | 5 |
| 49 | 59 | 6 |
| 50 | 60 | 7 |
| 51 | 60 | 8 |
| 52 | 30 | 8 |

|                             |  |                             |       |
|-----------------------------|--|-----------------------------|-------|
| Plug Stecker                | -X66   | Mounting location Einbauort | +ROOF |
| Function text Funktionstext | Plug, illumination switches right Stecker Schalterbeleuchtung rechts |                             |       |
| Plug type Steckertyp        | Deutsch DT 2 pole  |                             |       |
| Contact Kontakt             | Wire harness Kabelbaum   |                             |       |
|                             | Page Blatt   | Path Pfad                   |       |
| 1                           | 79   | 1                           |       |
| 2                           | 79   | 1                           |       |

|                             |   |                             |       |
|-----------------------------|---|-----------------------------|-------|
| Plug Stecker                | -X68  | Mounting location Einbauort | +EBOX |
| Function text Funktionstext | Plug, screed controller Stecker Steuerung Bohle |                             |       |
| Plug type Steckertyp        | AMP 68 pole                                     |                             |       |
| Contact Kontakt             | Wire harness Kabelbaum                          | Controller                  |       |
|                             | Page Blatt                                      | Path Pfad                   |       |

|                             |  |                             |      |
|-----------------------------|--|-----------------------------|------|
| Plug Stecker                | -X67   | Mounting location Einbauort | +FRA |
| Function text Funktionstext | Plug, central lubrication Stecker Zentralschmieranlage |                             |      |
| Plug type Steckertyp        | Deutsch DT 2 pole                                      |                             |      |
| Contact Kontakt             | Wire harness Kabelbaum                                 | Frame P and C               |      |
|                             | Page Blatt   | Path Pfad                   |      |
| 1                           | 87   | 3                           |      |
| 2                           | 87   | 3                           |      |

|    |    |   |
|----|----|---|
| 3  |    |   |
| 4  |    |   |
| 5  |    |   |
| 6  | 65 | 4 |
| 7  | 65 | 5 |
| 8  | 65 | 6 |
| 9  | 65 | 8 |
| 10 | 30 | 2 |
| 11 | 61 | 3 |
| 12 | 64 | 3 |
| 13 | 68 | 5 |
| 14 | 68 | 6 |
| 15 |    |   |
| 16 | 64 | 4 |
| 17 | 30 | 3 |
| 18 | 61 | 2 |
| 19 | 61 | 6 |
| 20 | 67 | 2 |
| 21 | 68 | 6 |
| 22 | 68 | 5 |
| 23 | 26 | 4 |
| 24 | 61 | 6 |
| 25 | 61 | 7 |

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