

BOMAG
FAYAT GROUP

Bomag GmbH
Industriegebiet Hellerwald
D-56154 Boppard



| | | | | | | | | | |
|---------------------|--------------------------------|----------------------|---|-----------------------------|--------------------------|---|---|-----------------------------------|--------------------------------|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Created Erstellt | M. Vogt 26.06.2015 | BC 473-573 -4 | | BOMAG FAYAT GROUP | Cover sheet Deckblatt | | | Function Funktion == | Page Blatt 1 from von 72 |
| Checked Geprüft | A. Kröber 26.06.2015 | | | | | | | Higher-level function Anlage = | 329 |
| | | | | | | | | Mounting location Einbauort + | EPE / 000 / 00 |

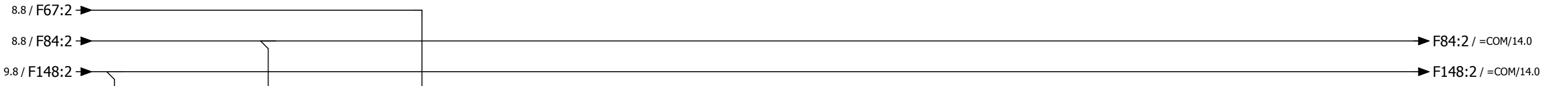
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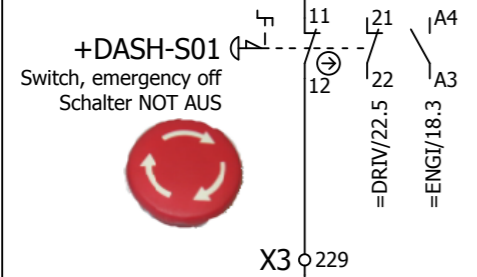
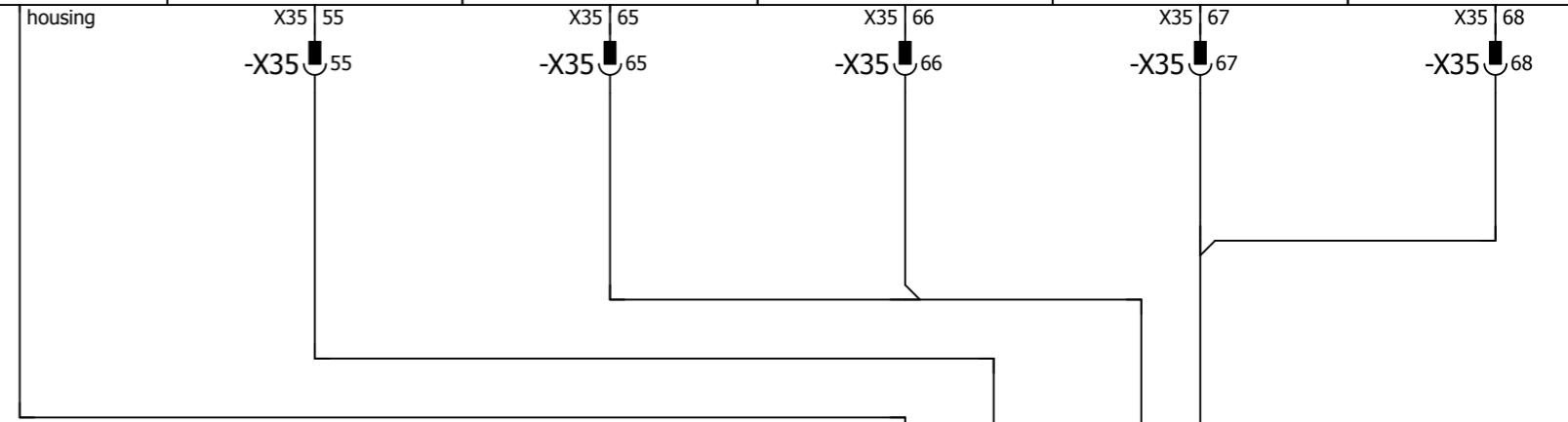


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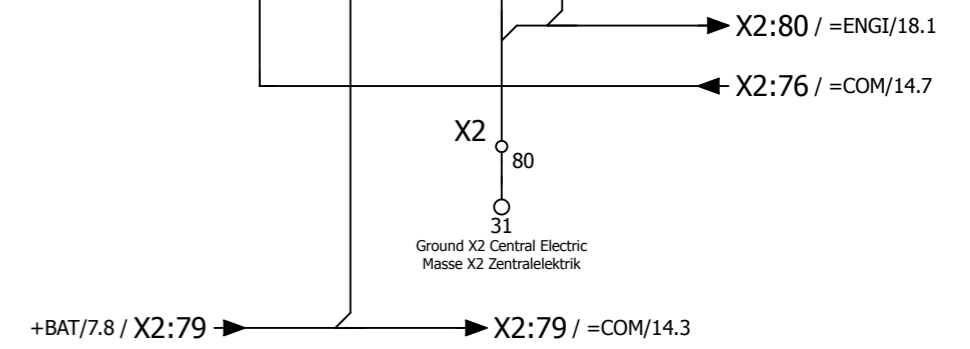
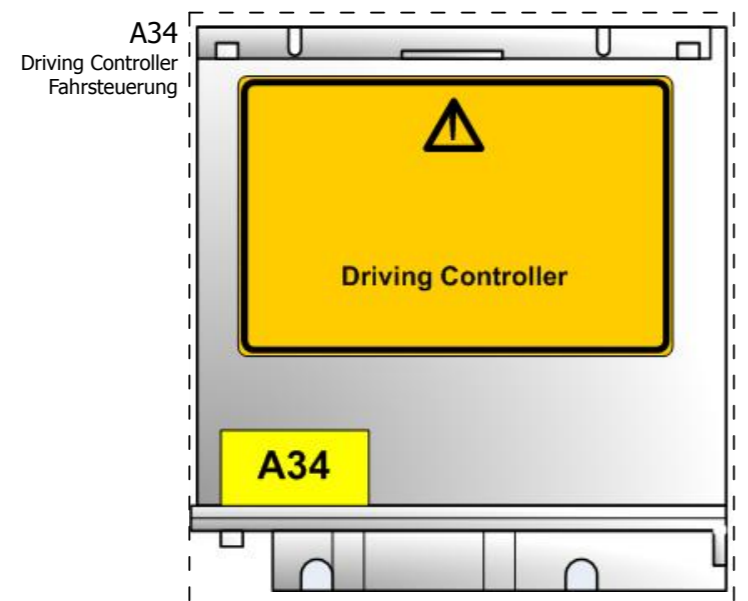
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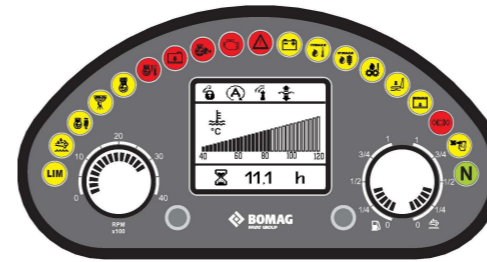


| | | | | | |
|---|---|---|---|---|---|
| Ground housing Masse Gehäuse -BMESX | Ground Electronic Masse Elektronik -BMESX | Ground Electronic Masse Elektronik -BMESX | Ground Electronic Masse Elektronik -BMESX | Ground Electronic Masse Elektronik -BMESX | Ground Electronic Masse Elektronik -BMESX |
| Driving Controller | Driving Controller | Driving Controller | Driving Controller | Driving Controller | Driving Controller |
| -A34 | -A34 | -A34 | -A34 | -A34 | -A34 |
| GND | GND | GND | GND | GND | GND |

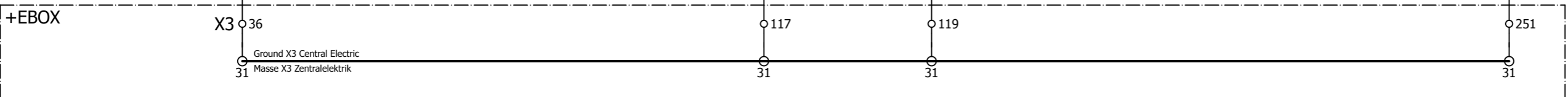
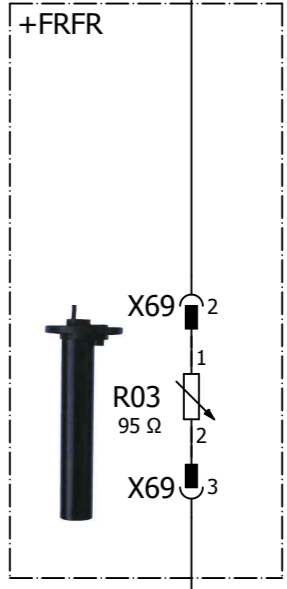
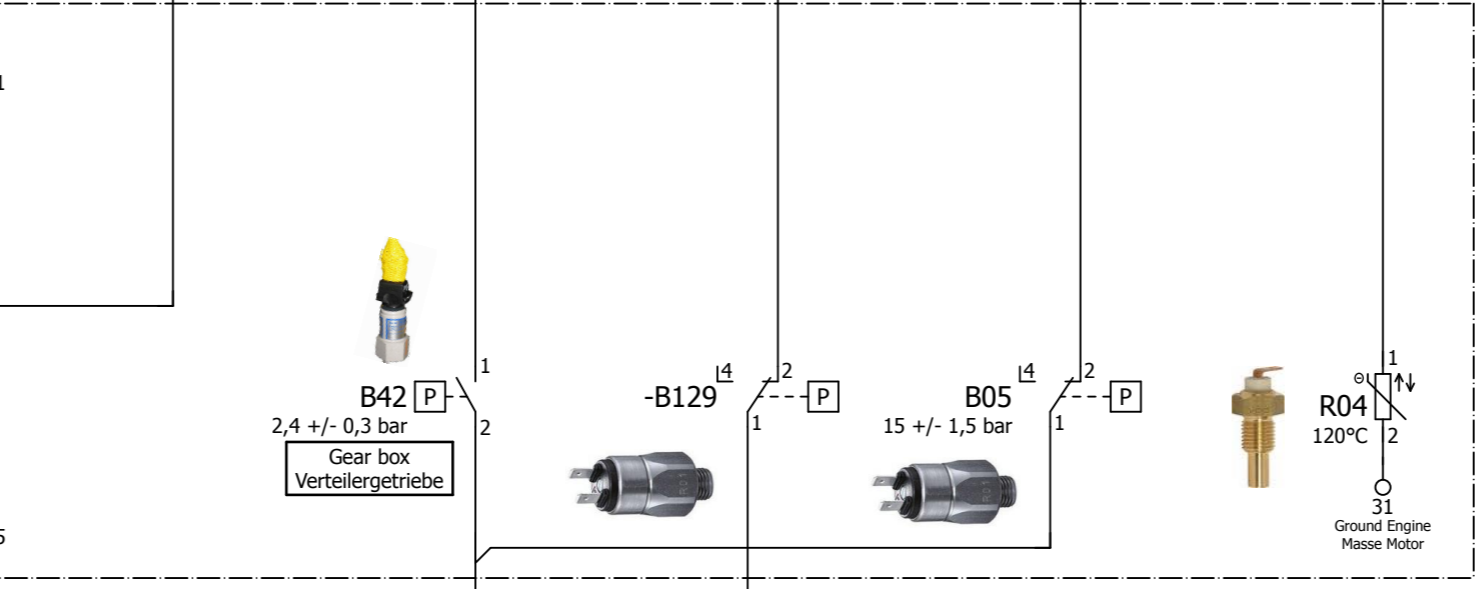
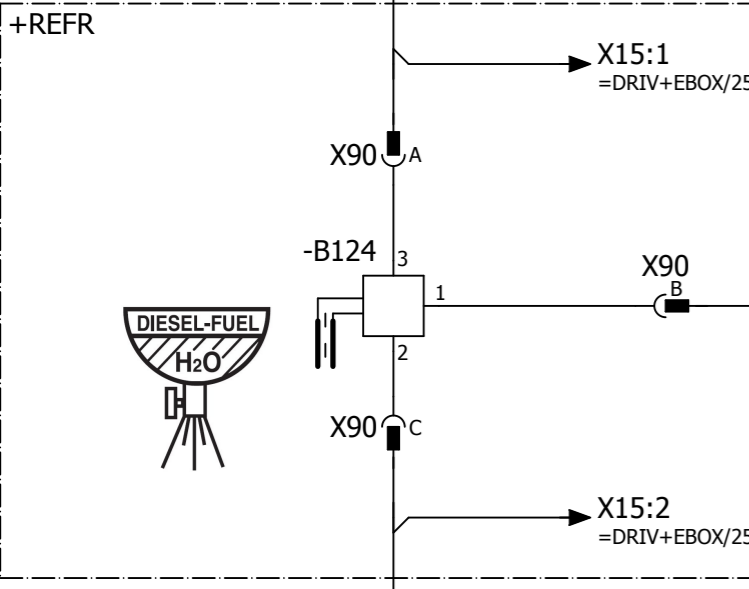
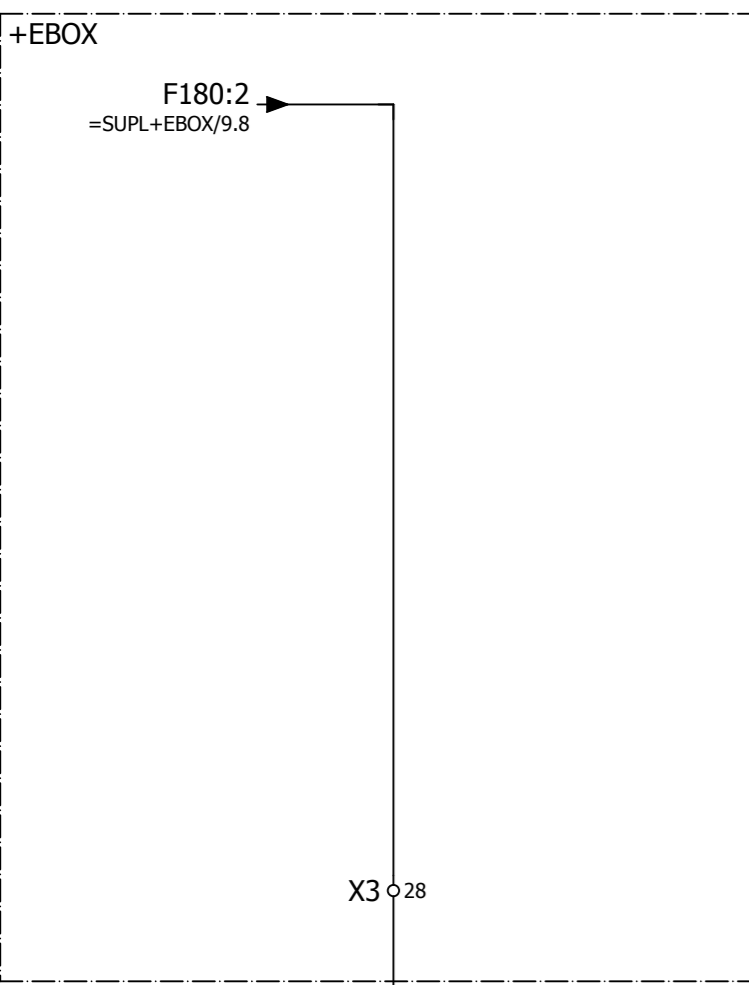
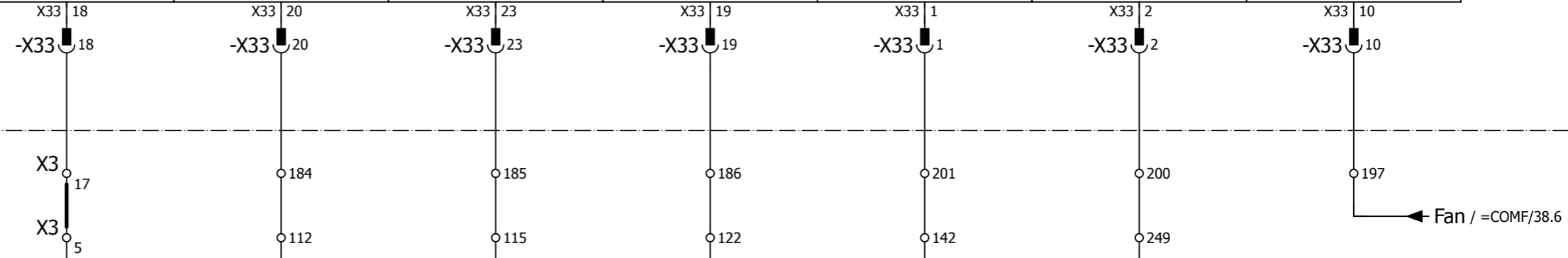


| | | | | | | |
|---------------------|--|---|---|---|---|---|
| X35 28 | X35 54 | X35 56 | X35 57 | X35 58 | X35 59 | X35 60 |
| 15/54 | +UE | +UB | +UB | +UB | +UB | +UB |
| -A34 | -A34 | -A34 | -A34 | -A34 | -A34 | -A34 |
| Driving Controller | Driving Controller | Driving Controller | Driving Controller | Driving Controller | Driving Controller | Driving Controller |
| -BMESX | -BMESX | -BMESX | -BMESX | -BMESX | -BMESX | -BMESX |
| Ignition Zündung | Power Supply (Electronic) Spannungsvers. (Elektronik) | Power Supply (Outputs) Spannungsvers. (Ausgänge) | Power Supply (Outputs) Spannungsvers. (Ausgänge) | Power Supply (Outputs) Spannungsvers. (Ausgänge) | Power Supply (Outputs) Spannungsvers. (Ausgänge) | Power Supply (Outputs) Spannungsvers. (Ausgänge) |

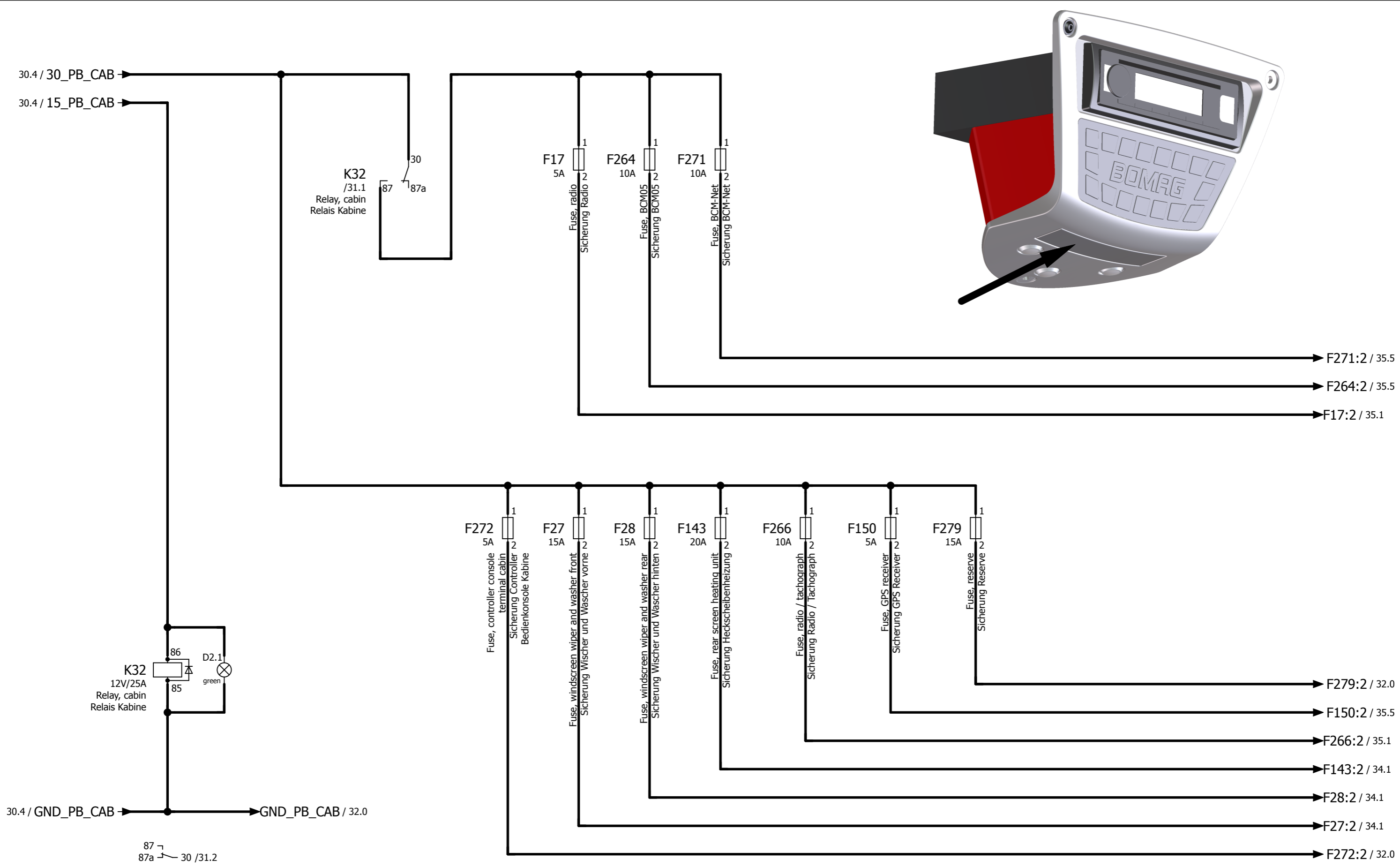




| | | | | | | |
|--|--|--|---|---|---|--|
| Water in Fuel Wasserabscheider -BAUSER_1 | Differential pressure, gear-box Differenzdruck Verteilergetriebe -BAUSER_1 | Pressure switch, power take-off gear Druckschalter Verteilergetriebe -BAUSER_1 | Pressure switch, brake Druckschalter Bremse -BAUSER_1 | Hydraulic oil temperature Hydrauliköltemperatur -BAUSER_1 | Level sensor fuel Füllstandssensor Kraftstoff -BAUSER_1 | Cabin fan indication Kabinenlüfter Überwachung -BAUSER_1 |
| Monitoring module | Monitoring module | Monitoring module | Monitoring module | Monitoring module | Monitoring module | Monitoring module |
| A15 | A15 | A15 | A15 | A15 | A15 | A15 |
| DIG_IN 12 | DIG_IN 14 | DIG_IN 15 | DIG_IN 13 | ANA_IN 1 | ANA_IN 2 | DIG_IN 4 |



Sensor, water separator fuel / Sensor Wasserabscheider Kraftstoff
 Differential pressure switch, hydraulic oil filter / Differenzdruckschalter Hydraulikölfilter
 Pressure switch, power take-off gear / Druckschalter Verteilergetriebe
 Pressure switch, brake / Druckschalter Bremse
 Sensor, hydraulic oil temperature / Sensor Hydrauliköltemperatur
 Sender, level gauge / Geber Tankanzeige

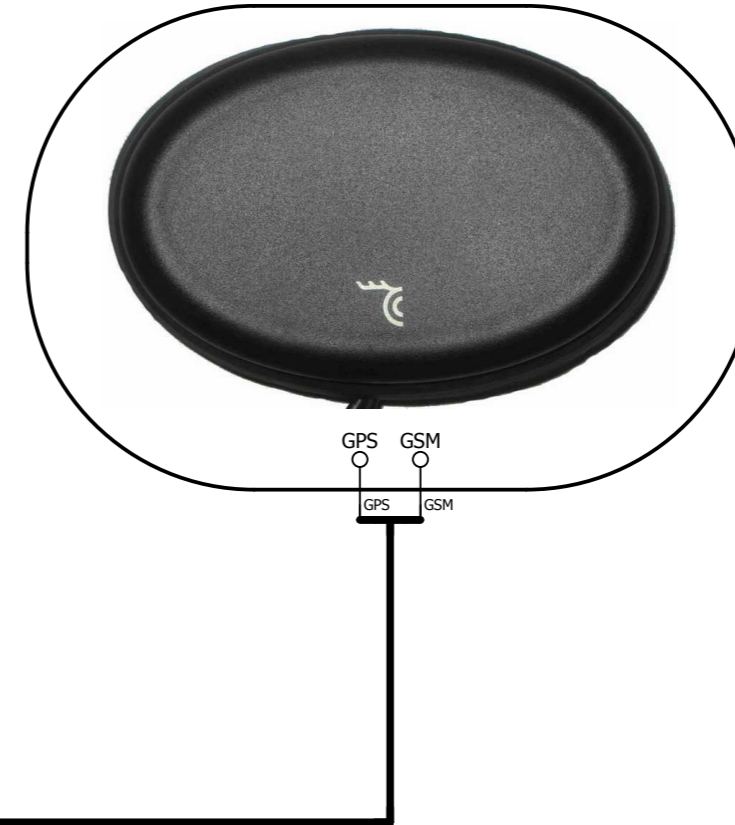


+EBOX

A124
Electronic system, BOMAG Telematics
Elektronik BOMAG Telematik



A138
Antenna, BOMAG Telematics
Antenne BOMAG Telematik



=COM+EBOX/14.8 / CAN2- TM

=COM+EBOX/14.8 / CAN2+ TM


=SUPL+EBOX/8.8 / F243:2

40.8 / X2:56

=ENGI+MOT/16.2 / A124:8

=DRIV+EBOX/22.2 / X2:61

38.7 / X2:76

| | | | | | | | | | | | | | | |
|---------------------|--------------------------------|----------------------|---|--|-------------------------------------|---|---|---------------------------------|----------------------|---------------|---------------|-----------------------|-------------|-----------|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | |
| Created Erstellt | M. Vogt 26.06.2015 | BC 473-573 -4 | |  BOMAG FAYAT GROUP | BOMAG Telematics BOMAG Telematik | | | | Function Funktion | = = BC | Page Blatt | 41 | from von | 72 |
| Checked Geprüft | A. Kröber 26.06.2015 | | | | | | | Higher-level function Anlage | = COMF | | | 329 | | |
| | | | | | | | | Mounting location Einbauort | + CAB | | | EPE / 000 / 00 | | |

Terminal strip overview

Klemmleistenübersicht

| X2 | | | Terminal strip distribution | | |
|--------------------------|--------------|-------------|------------------------------------|--------------|-------------|
| Mounting location | | | Klemmleiste Verteilung | | |
| Einbauort | | | +EBOX | | |
| Device tag | Page | Path | Device tag | Page | Path |
| BMK | Blatt | Pfad | BMK | Blatt | Pfad |
| X2:1 | 14 | 4 | X2:61 | 22 | 2 |
| X2:2 | 14 | 4 | X2:62 | 14 | 1 |
| X2:3 | 14 | 5 | X2:63 | 40 | 7 |
| X2:4 | 14 | 5 | X2:64 | 17 | 4 |
| X2:5 | 14 | 6 | X2:75 | 29 | 9 |
| X2:6 | 14 | 6 | X2:76 | 14 | 8 |
| X2:7 | 14 | 7 | X2:77 | 26 | 6 |
| X2:8 | 14 | 7 | X2:78 | 18 | 2 |
| X2:9 | 14 | 6 | X2:79 | 7 | 7 |
| X2:10 | 14 | 7 | X2:80 | 11 | 8 |
| X2:30 | 12 | 1 | X2:81 | 7 | 7 |
| X2:31 | 12 | 1 | X2:82 | 26 | 5 |
| X2:32 | 12 | 2 | X2:83 | 26 | 6 |
| X2:33 | 12 | 2 | X2:84 | 28 | 1 |
| X2:34 | 12 | 3 | X2:85 | 28 | 1 |
| X2:35 | 12 | 3 | | | |
| X2:36 | 29 | 9 | | | |
| X2:37 | 29 | 9 | | | |
| X2:40 | 12 | 4 | | | |
| X2:41 | 12 | 4 | | | |
| X2:42 | 12 | 5 | | | |
| X2:43 | 12 | 5 | | | |
| X2:44 | 36 | 2 | | | |
| X2:45 | 36 | 2 | | | |
| X2:46 | 36 | 0 | | | |
| X2:47 | 36 | 0 | | | |
| X2:51 | 14 | 0 | | | |
| X2:52 | 14 | 0 | | | |
| X2:53 | 7 | 8 | | | |
| X2:54 | 7 | 8 | | | |
| X2:55 | 25 | 7 | | | |
| X2:56 | 7 | 8 | | | |
| X2:57 | 24 | 5 | | | |
| X2:58 | 24 | 6 | | | |
| X2:59 | 17 | 1 | | | |
| X2:60 | 17 | 2 | | | |

Plug overview Steckerübersicht

| Designation Bezeichnung | Mounting location Einbauort | Function text Funktionstext |
|----------------------------|--------------------------------|--|
| X202 | +CAB | Plug, signals from/to central electric Stecker, Signale von/zur Zentralelektrik |
| Contact Kontakt | Page Blatt | Path Pfad |

| Type Typ | AMP Junior Power Timer 2 - 10 pole black |
|-------------|--|
| 3 | 30 3 |
| 4 | 30 3 |
| 5 | 30 3 |
| 6 | 30 3 |
| 8 | 30 3 |
| 9 | 30 3 |
| 10 | 30 3 |

| Designation Bezeichnung | Mounting location Einbauort | Function text Funktionstext |
|----------------------------|--------------------------------|--|
| X203 | +CAB | Plug, access cabin equipment Stecker Anschluß Kabinenausrüstung |
| Contact Kontakt | Page Blatt | Path Pfad |

| Type Typ | AMP Junior Power Timer 2 - 14 pole black |
|-------------|--|
| 1 | 32 8 |
| 2 | 32 4 |
| 3 | 32 3 |
| 4 | 32 8 |
| 5 | 32 7 |
| 6 | 32 3 |
| 7 | 34 3 |
| 8 | 34 3 |
| 9 | 34 3 |
| 10 | 34 5 |
| 11 | 34 5 |
| 12 | 34 5 |
| 13 | 34 7 |
| 14 | 34 8 |

| Designation Bezeichnung | Mounting location Einbauort | Function text Funktionstext |
|----------------------------|--------------------------------|--|
| X204 | +CAB | Plug, supply BCM System, printer Stecker Versorgung BCM System, Drucker |
| Contact Kontakt | Page Blatt | Path Pfad |

| Type Typ | AMP Junior Power Timer 2 - 4 pole black |
|-------------|---|
| 1 | 35 5 |
| 2 | 35 6 |
| 3 | 35 6 |
| 4 | 35 7 |

| Designation Bezeichnung | Mounting location Einbauort | Function text Funktionstext |
|----------------------------|--------------------------------|--|
| X205 | +CAB | Plug, access radio and tachograph Stecker Anschluß Radio und Tachograph |
| Contact Kontakt | Page Blatt | Path Pfad |

| Type Typ | AMP Junior Power Timer 2 - 6 pole black |
|-------------|---|
| 1 | 35 0 |
| 2 | 35 1 |
| 3 | 35 1 |
| 4 | 35 2 |
| 5 | 35 2 |
| 6 | 35 2 |

| Designation Bezeichnung | Mounting location Einbauort | Function text Funktionstext |
|----------------------------|--------------------------------|---|
| X206 | +CAB | Plug, access additional headlights, reserve functions Stecker Anschluß Zusatzscheinwerfer, Reservefunktionen |
| Contact Kontakt | Page Blatt | Path Pfad |

| Type Typ | AMP Junior Power Timer 9 pole grey |
|-------------|------------------------------------|
| 1 | 32 6 |
| 2 | 32 6 |
| 3 | 32 1 |
| 4 | 32 6 |
| 6 | 32 7 |
| 7 | 33 7 |
| 8 | 33 7 |
| 9 | 32 4 |

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