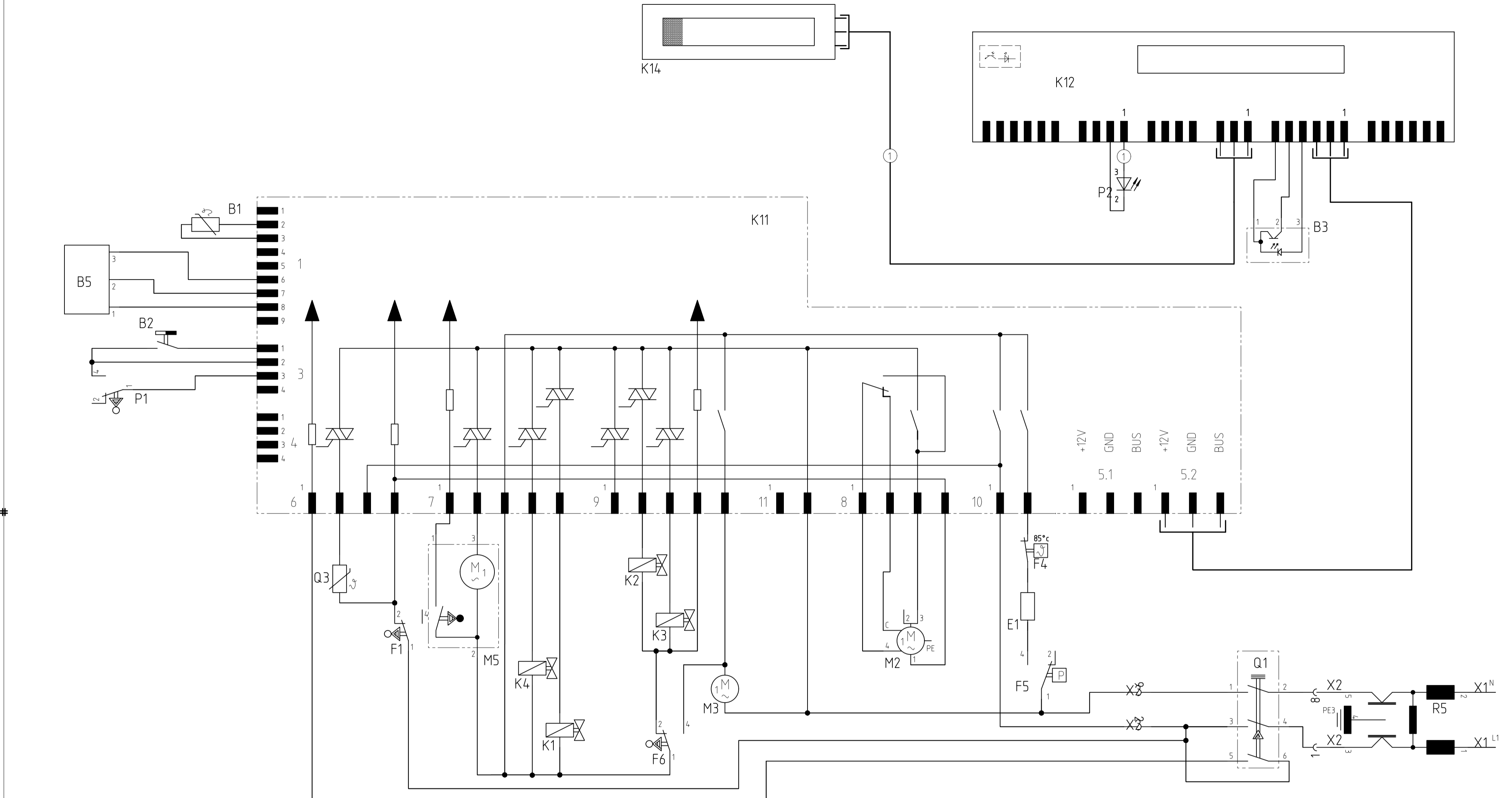


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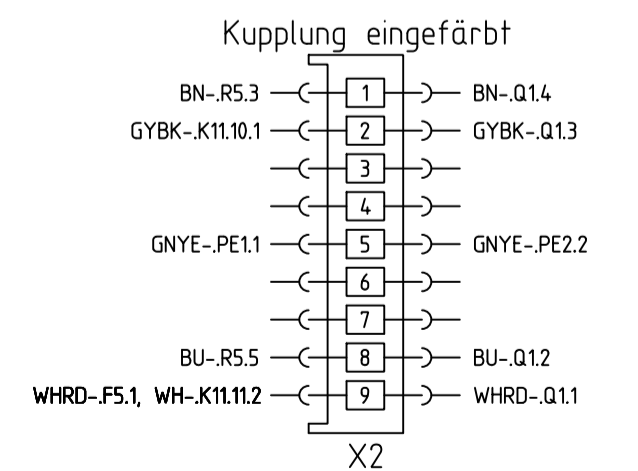
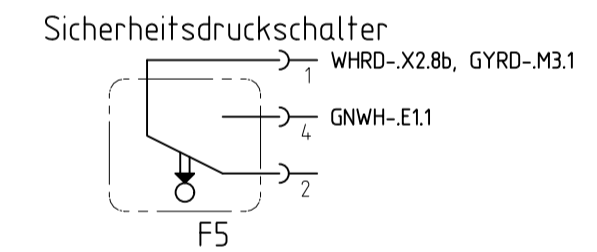
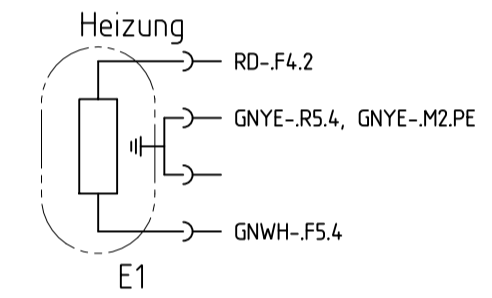
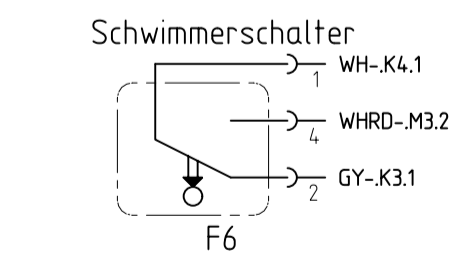
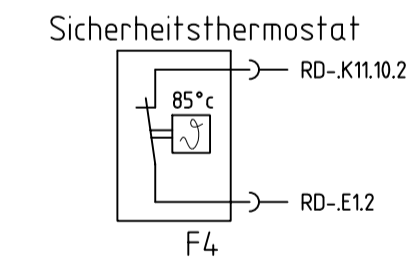
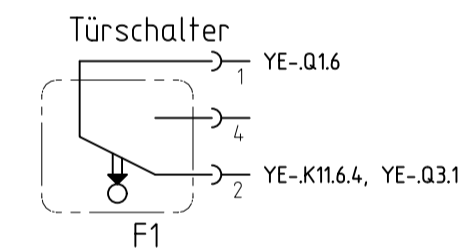
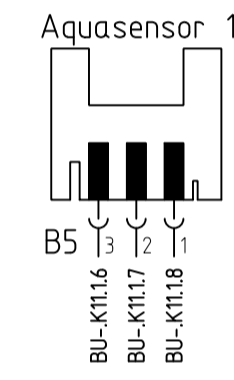
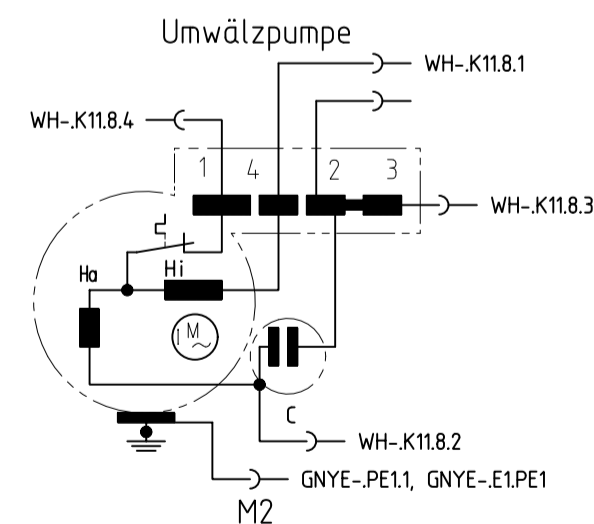
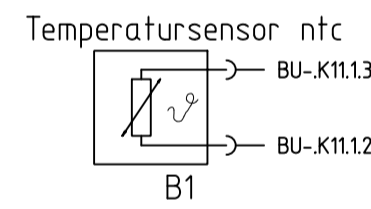
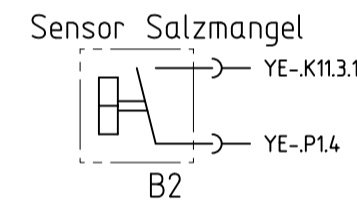
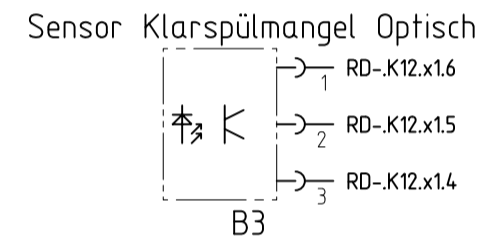
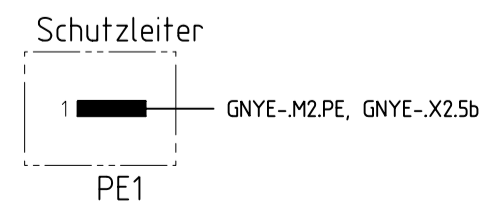
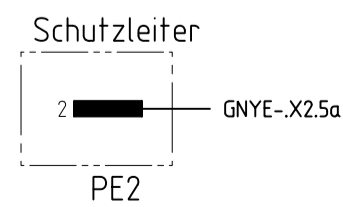
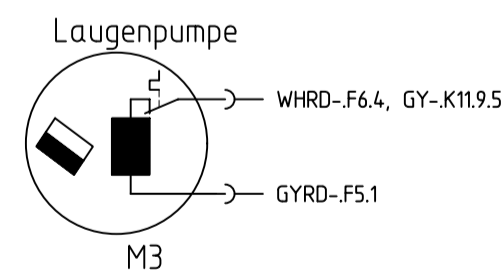
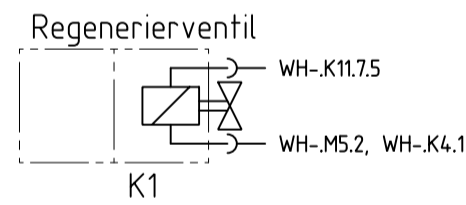
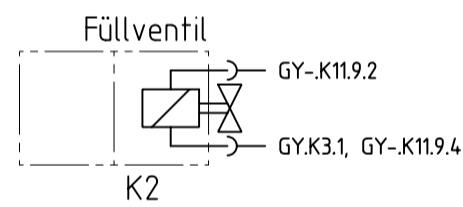
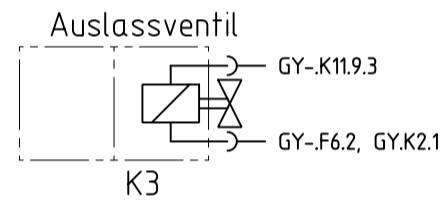
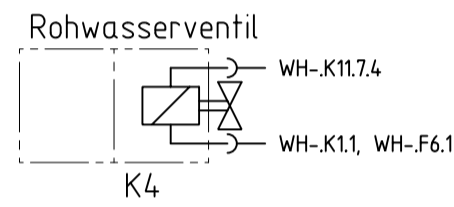
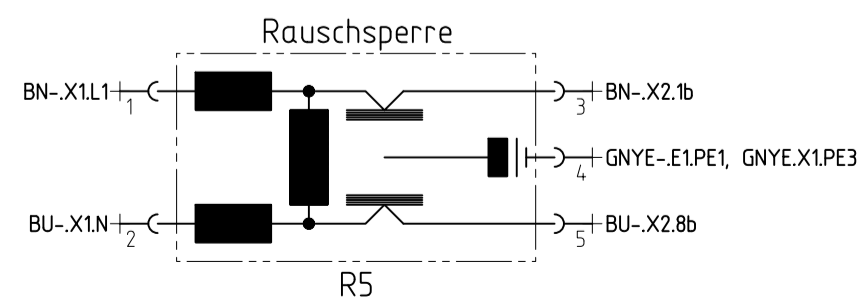
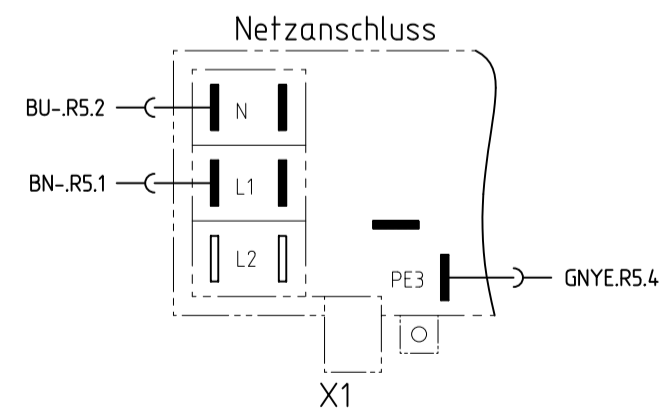
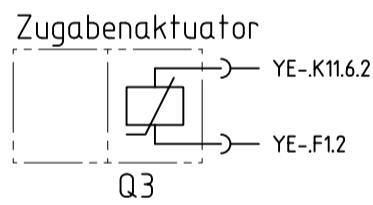
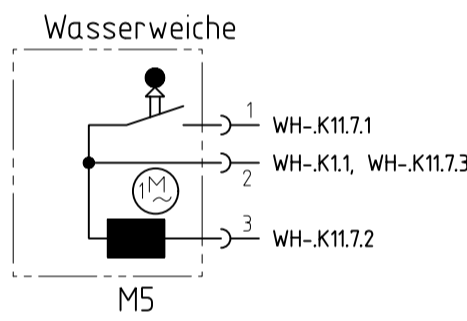
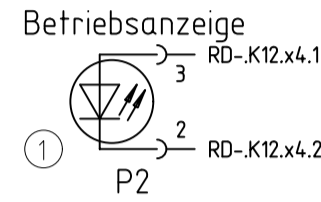
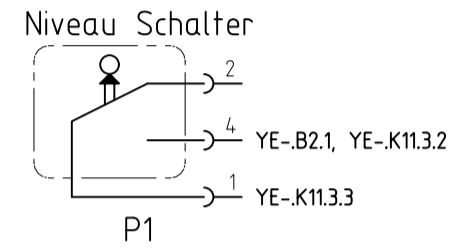
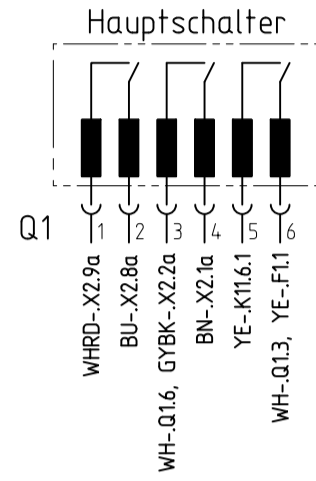
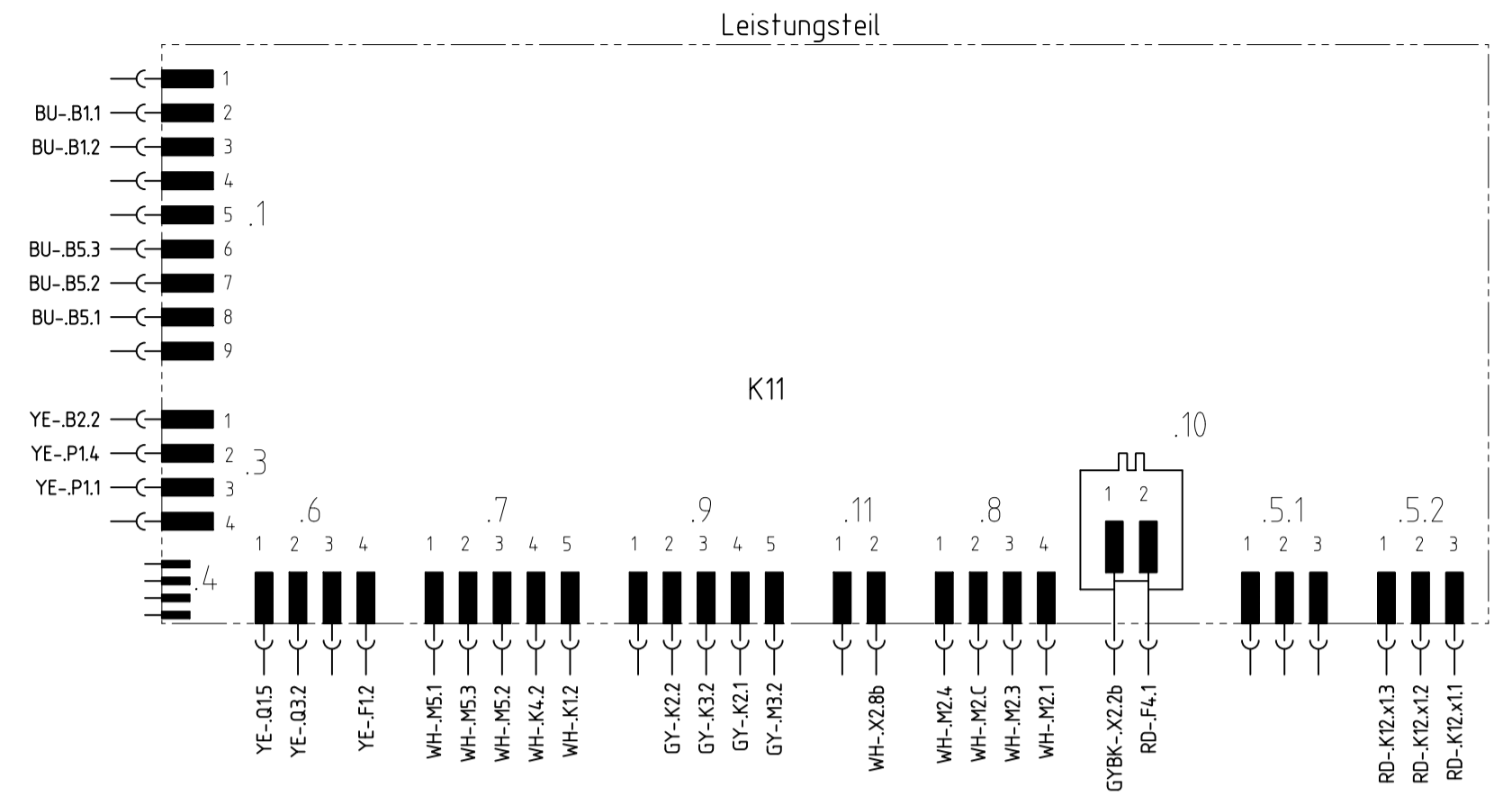
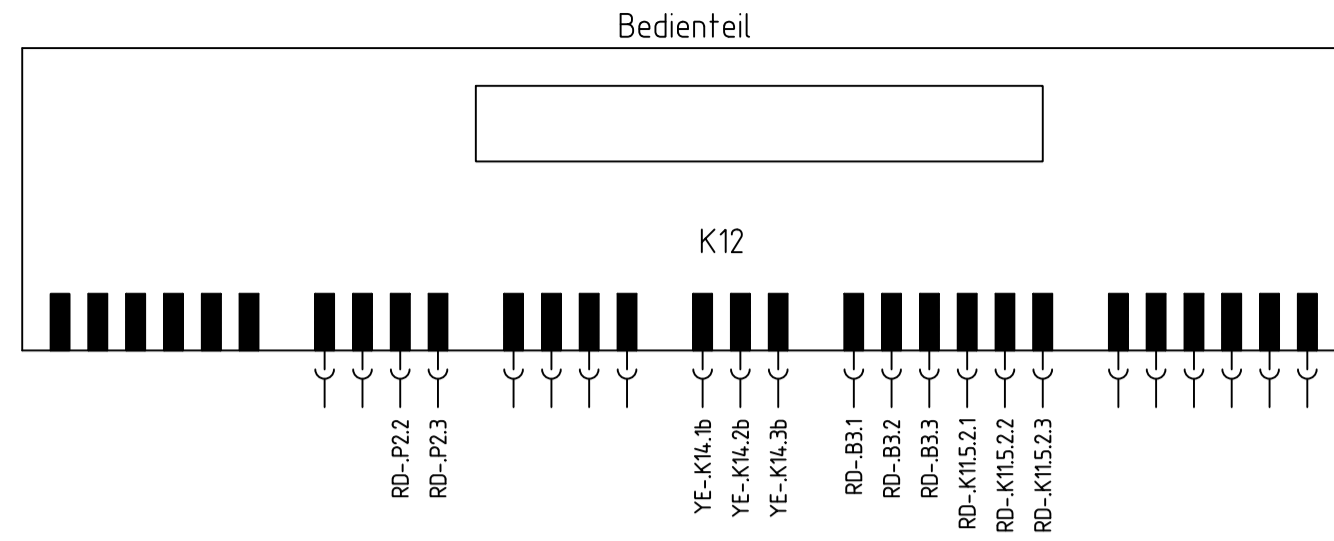
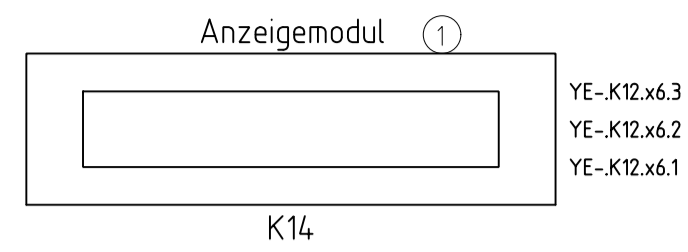


① je nach Ausstattung vorhanden

| REF | Bauteile | Strompfad | REF | Bauteile | Strompfad |
|-----|-------------------------------|--|-----|-----------------|-----------|
| B1 | Temperatursensor ntc | 7,9 | M2 | Umwälzpumpe | 33,34 |
| B2 | Sensor Salzmenge | 6,8 | M3 | Laugenpumpe | 27 |
| B3 | Sensor Klarspülmangel Optisch | 46-48 | M5 | Wasserweiche | 17,18 |
| B5 | Aquasensor 1 | 5 | P1 | Niveau Schalter | 4,6 |
| E1 | Heizung | 38 | P2 | Betriebsanzeige | 41 |
| F1 | Türschalter | 15,16 | Q1 | Hauptschalter | 45,47 |
| F4 | Sicherheitsthermostat | 38 | Q3 | Zugabenaktuator | 13 |
| F5 | Sicherheitsdruckschalter | 38,39 | R5 | Rauschsperr | 49,54 |
| F6 | Schwimmerschalter | 24,25 | | | |
| K1 | Regenerierventil | 21 | | | |
| K2 | Füllventil | 24 | | | |
| K3 | Auslassventil | 25 | | | |
| K4 | Rohwasserventil | 20 | | | |
| K11 | Leistungsteil | 10,12-15,17-21,23-27,29,30,32-35,37,38,40-45 | | | |
| K12 | Bedienteil | 40-50,52,53 | | | |
| K14 | Anzeigemodul | 24,31 | | | |

| | | | |
|---|--|----------|------------------------|
| Designation Circuit Diagram AV638 X - Stg | LCS Document No. DE 5600 0000133261 Material No. 9000145324 | Rev A | Sheet-No. 1 of 1 |
|---|--|----------|------------------------|

To Request



① je nach Ausstattung vorhanden

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DE KD-Prüfprogramm

1. Aufruf:

- Bei geöffneter Tür zwei beliebige Tasten gedrückt halten
- Hauptschalter so lange betätigen bis im Display die Variantenkodierung angezeigt wird.

2. Sonderprogramm auswählen:

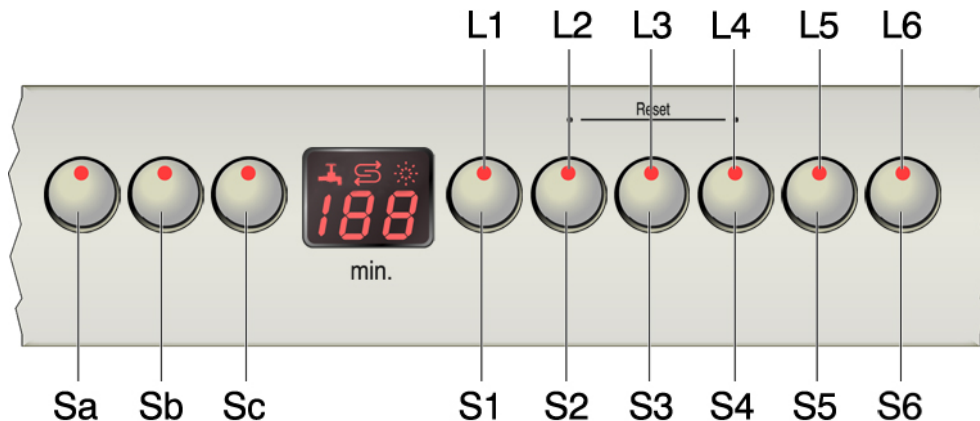
- Nach dem Lösen der beiden Tasten leuchtet LED L3 und die LED L4 blinkt.
- Im Display wird P0 angezeigt.
- Taste S4 drücken um das Sonderprogramm Fehlerspeicherauslesen zu aktivieren

3. Fehlerspeicher auslesen (P0)

- Taste S4 abwechselnd drücken. Bei gedrückter Taste wird der Spülgang angezeigt (00 – 07), bei gelöster Taste wird der dazu gehörige Fehler (siehe Tabelle) angezeigt.
- Treten in einem Spülgang mehrere Fehler auf, so wird nur der Fehler mit der höchsten Wertigkeit angezeigt.

4. KD-Prüfprogramm (P1)

- Türe schließen, Kundendienstprogramm wird gestartet.
- Taste S3 drücken um Programmpositionen zu überspringen (Ausnahme: Beim Füllschritt weiterschalten nur durch den Füllschalter F1)
- Jede Zustandsänderung der Prozessoreingänge wird durch kurzes Aufleuchten aller LED's bestätigt.
- Ein aufgetretener Fehler wird sofort über das Display angezeigt (Heizfehler nach 10 Minuten). Bei mehreren Fehlern wird nur der hochwertigste angezeigt. Nach jeder Reparatur ist ein KD Prüfprogramm durchzuführen um ggf. weitere Fehler zu erkennen.



EN Customer service test programme

1. Selecting the model coding:

- When the door is open, hold down any two buttons
- Press main switch until the model coding is indicated on the display.

2. Select special programme:

- When the two buttons are released, LED L3 lights up and LED L4 flashes
- P0 is displayed.
- Press S4 button to activate special programme "read out fault memory"

3. Read out fault memory (P0)

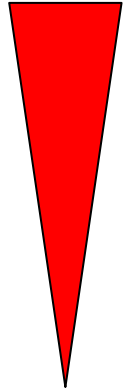
- Press S4 button alternating. With pressed key the rinsing process is indicated (00 - 07), with solved key the error due to it (see table) is indicated.
- If several faults occur in a wash cycle, only the fault with the highest value is displayed.

4. Customer service test programme (P1)

- The customer service programme is started by closing the door.
- Switch to the next programme position with the S3 button (Exception: Move to the next filling step by pressing filling switch F1 only).
- Each status change of the processor inputs is acknowledged by all LEDs lighting up briefly.
- A fault which has occurred is indicated immediately via the display (heating fault after 10 minutes). If several faults occur, only the fault with the highest value is displayed. Following each repair a customer service test programme must be run to detect any other faults.

| | | |
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| Material No. 9000 182 417 | GV638, X | |

Fehlercode / Fault code

| Fehlercode / Fault code | Fehlerart / Fault type | Wertigkeit / Value |
|----------------------------|--|--|
| E1 | Heizfehler Heating fault |  |
| E2 | NTC Fehler NTC fault | |
| E3 | Füllfehler Filling fault | |
| E4 | Wasserweiche nicht positionierbar Water points cannot be positioned | |
| E5 | Sicherheitsniveau erreicht Safety level reached | |
| E6 | Aquasensor Aqua sensor | |
| E7 | --- | |

| | Kurzzeichen | Symbol |
|--------|-----------------------------|-----------------------------|
| P | Pumpen | Pump |
| VF | Vorfüllen | Prefill |
| F | Füllen | Fill |
| U | Umwälzen | Circulate |
| H | Heizen | Heating |
| ZR | Zugabe Reiniger | Dispense detergent |
| ZK | Zugabe Klarspüler | Dispense rinse aid |
| R | Regenerierventil | Regeneration valve |
| FWW | Füllen Weichwasser | Fill soft water |
| AS_KAL | Aquasensor kalibrieren | Calibrate Aqua sensor |
| AWT | Auslaufventil Wärmetauscher | Heat exchanger outlet valve |
| WP | Wechsepumpen | Alternating pump |
| SP | Stotterpumpen | Intermittent pump |
| WS | Wechselspülen | Intermittent wash |
| OK | Oberkorb | Top basket |

Ablauf des KD-Prüfprogramm / Sequence of the customer service test programme

| | Funktion / Function | Temperatur / Temperature | Zeit (s) / Time (s) | Sensor / Sensor | Füllmenge / Capacity | Spülart / Rinsing kind |
|-------|---------------------|--------------------------|---------------------|-----------------|----------------------|---|
| 0 | P | | 15 | | | |
| 1 | VF | | | F1 | | |
| 2 | PA | | 5 | | | |
| 3-5 | F | | | | 3,9 l | |
| 6 | U + H + ZR | max. 72° | 120 | | | WS mit OK gedrosselt / WS with OK reduced |
| 7 | U + H | 60°C | | | | WS |
| 8 | U + H + R | max. 72° | 120 | | | WS |
| 9 | U + ZK | | 120 | | | WS |
| 10 | AS_KAL | | 30 | | | |
| 11-16 | WP | | 30 | | | |
| 17 | P | | 45 | | | |
| 18 | FWW + AWT | | 60 | | | |
| 19-24 | SP | | 30 | | | |
| 25 | P + AWT | | 30 | | | |

| | | |
|--|----------|---------------------|
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| Material No. 9000 182 417 | GV638, X | |