Dimplex®

Luft-Wasser-Wärmepumpe

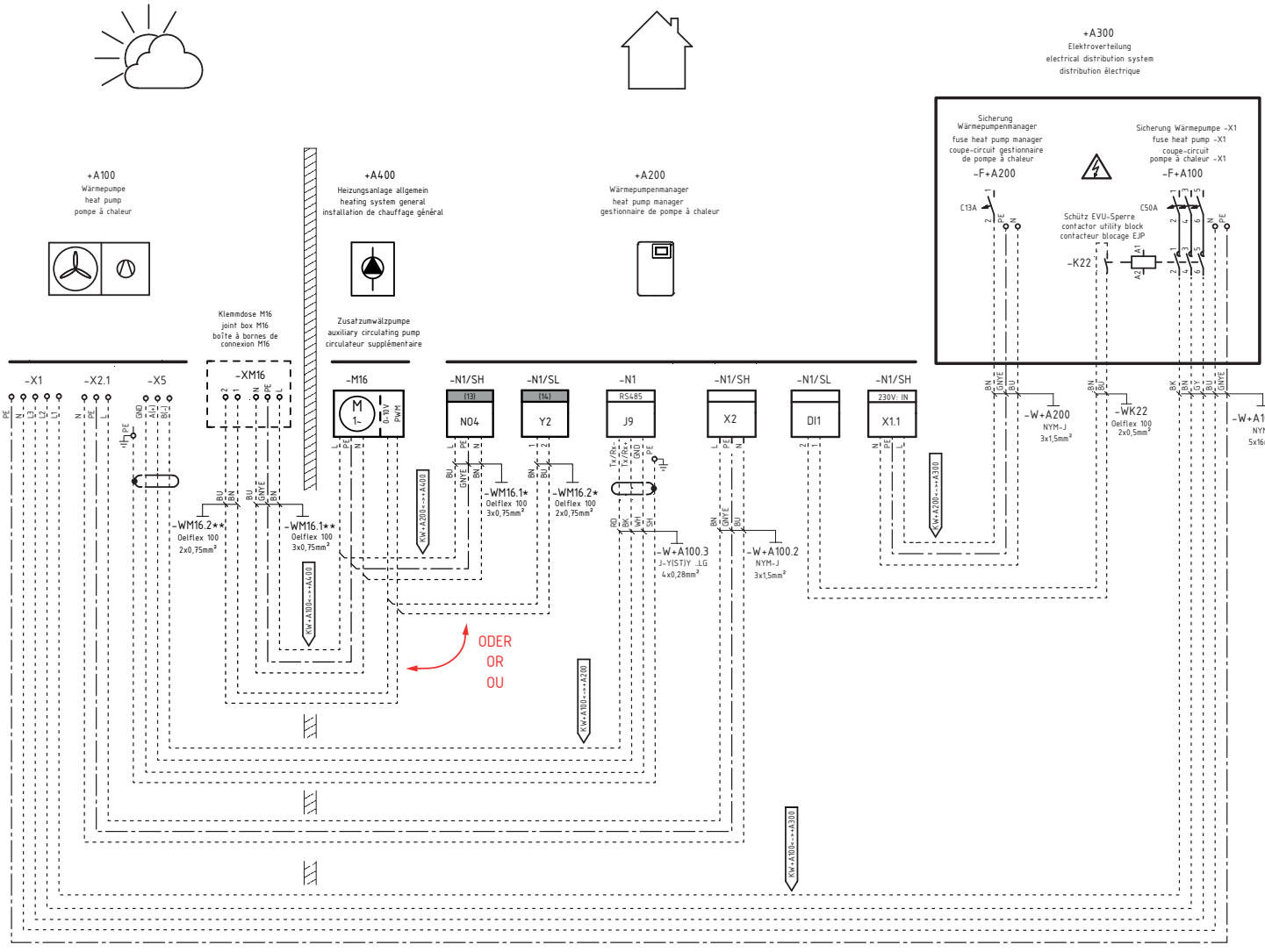
System C ®

LA 4060CP

1

LA 4060CP + WPM Touch

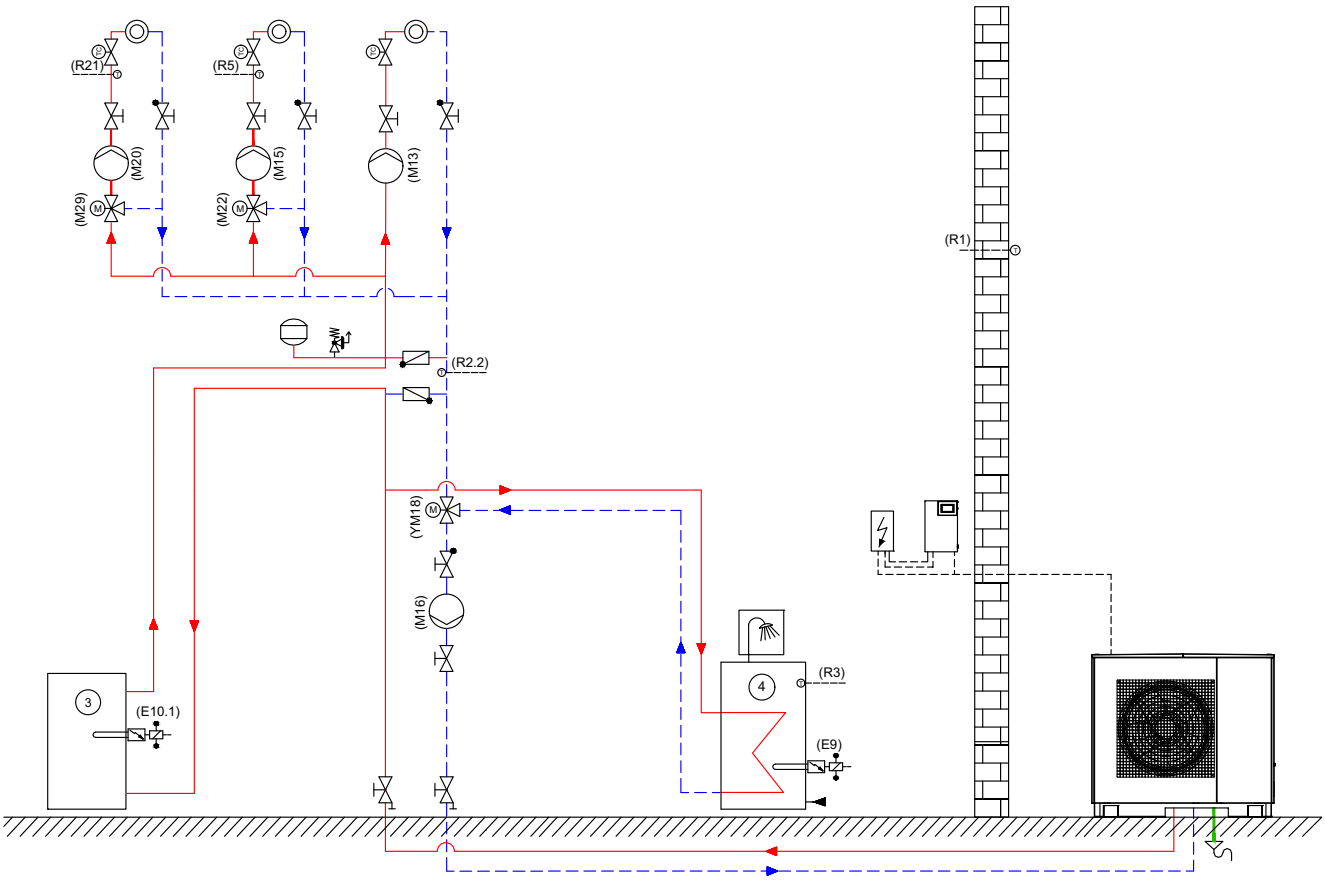
electrical layout



452173.66.06a
FD 0509

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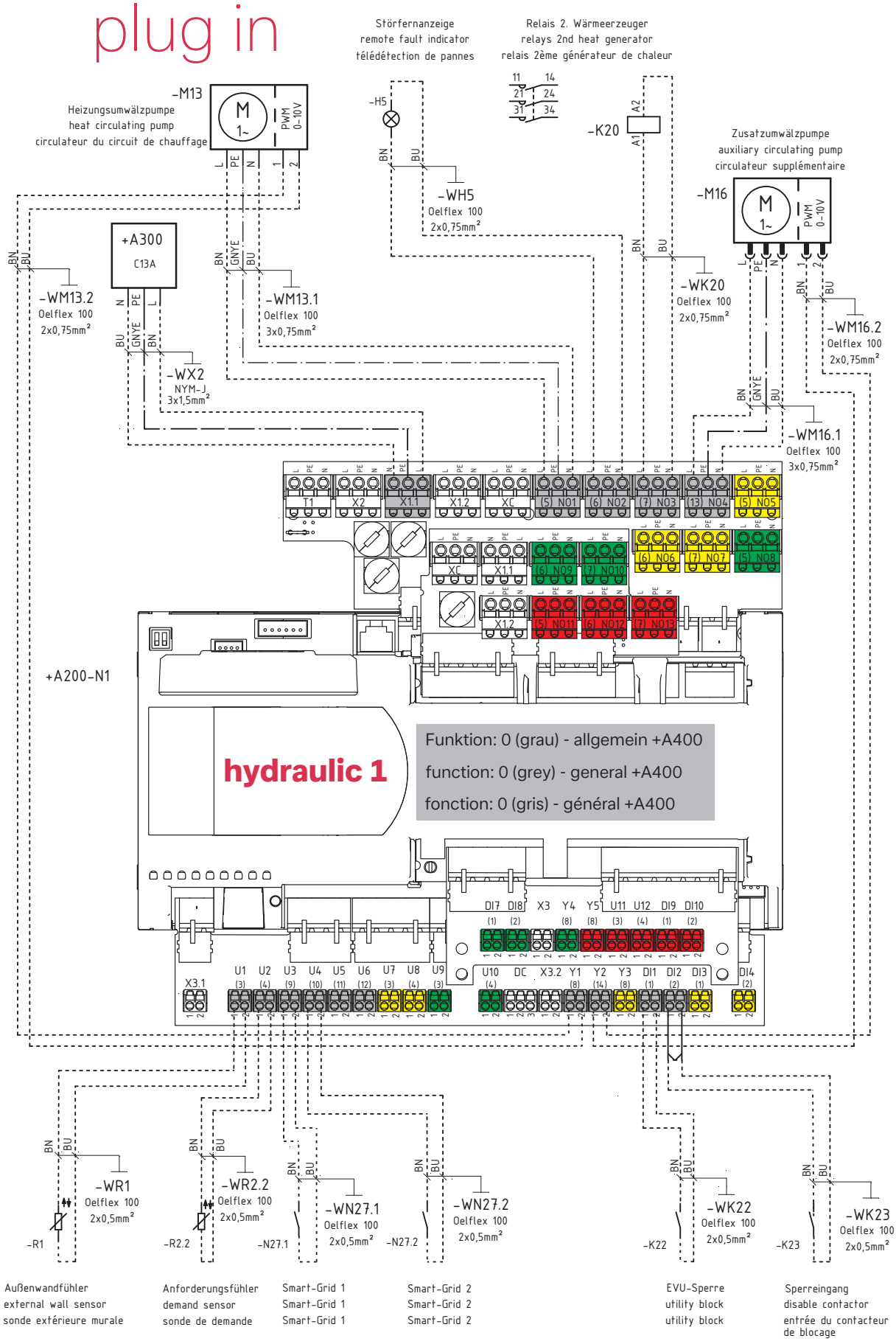
2 hydraulic

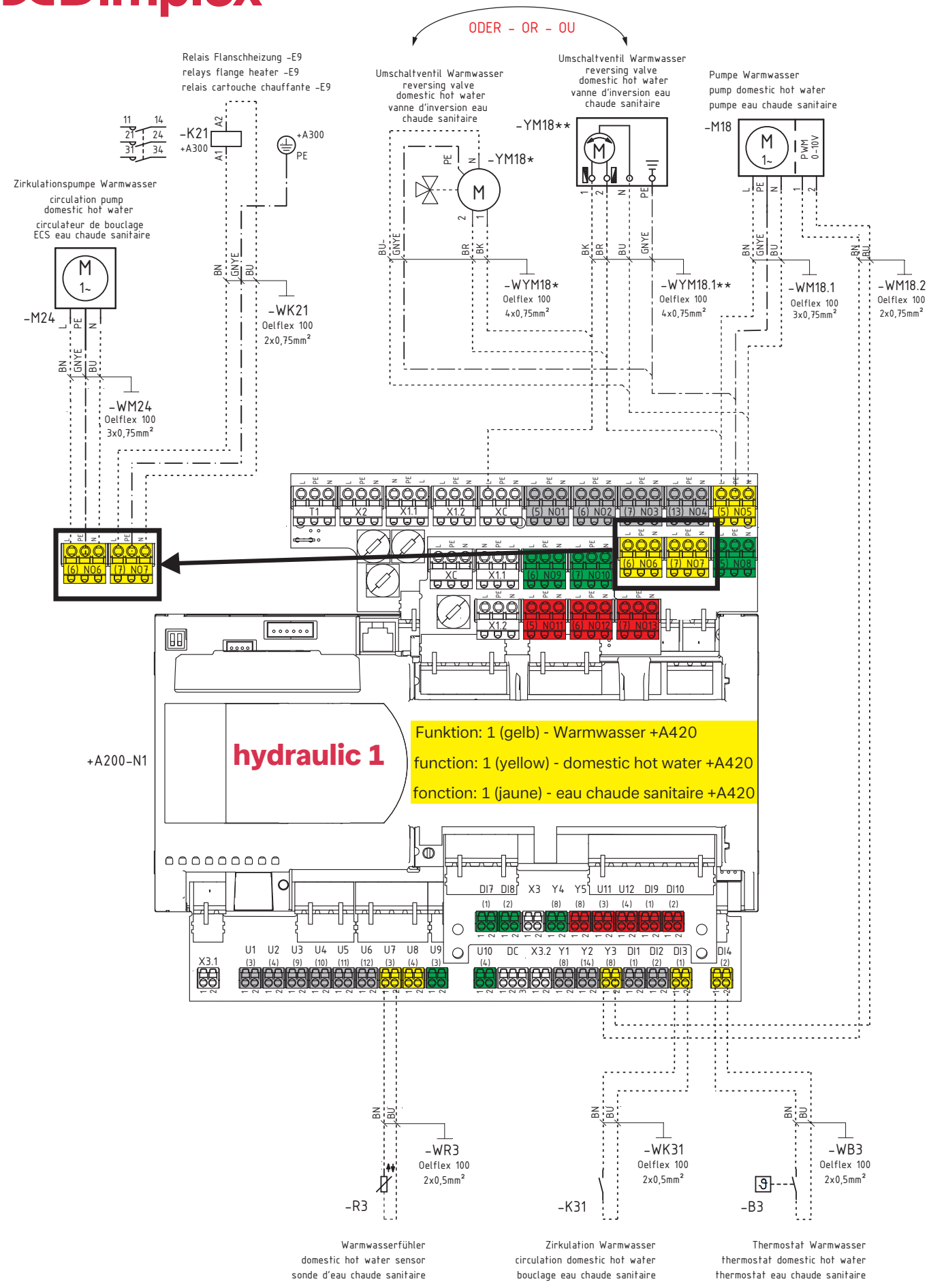


hydraulic 1

3

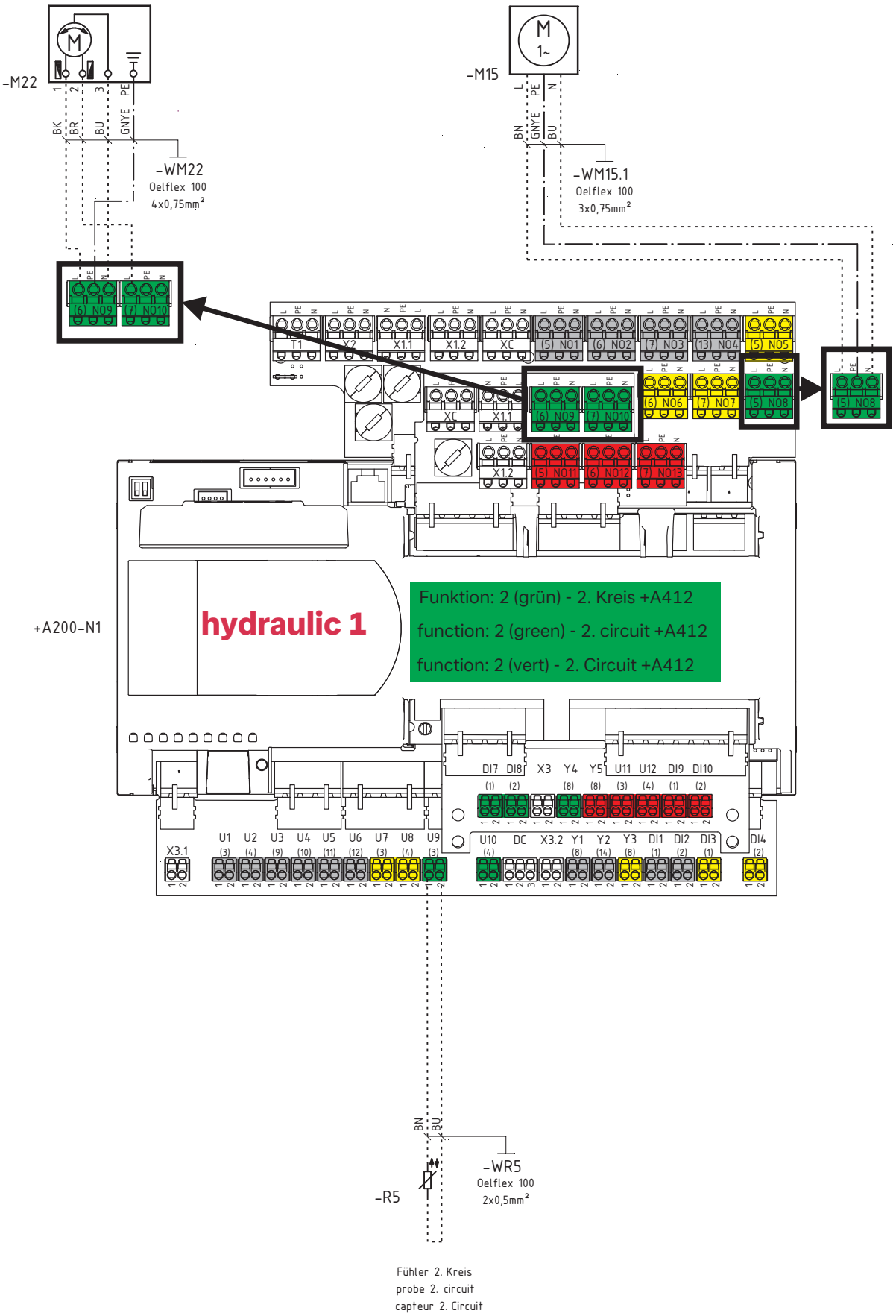
plug in


Störfernanzeige
remote fault indicator
télédétection de pannes
Relais 2. Wärmeerzeuger
relays 2nd heat generator
relais 2ème générateur de chaleur
-M13
Heizungsumwälzpumpe
heat circulating pump
circulateur du circuit de chauffage
-H5
-K20
-WH5
Oelflex 100
2x0,75mm²
Zusatzumwälzpumpe
auxiliary circulating pump
circulateur supplémentaire
-M16
+A300
C13A
-WM13.2
Oelflex 100
2x0,75mm²
-WM13.1
Oelflex 100
3x0,75mm²
-WK20
Oelflex 100
2x0,75mm²
-WM16.2
Oelflex 100
2x0,75mm²
-WX2
NYM-J
3x1,5mm²
-WM16.1
Oelflex 100
3x0,75mm²
+A200-N1
hydraulic 1
Funktion: 0 (grau) - allgemein +A400
function: 0 (grey) - general +A400
fonction: 0 (gris) - général +A400
-WR1
Oelflex 100
2x0,5mm²
-WR2.2
Oelflex 100
2x0,5mm²
-WN27.1
Oelflex 100
2x0,5mm²
-WN27.2
Oelflex 100
2x0,5mm²
-WK22
Oelflex 100
2x0,5mm²
-WK23
Oelflex 100
2x0,5mm²
-R1
-R2.2
-N27.1
-N27.2
-K22
-K23
Außenwandfühler
external wall sensor
sonde extérieure murale
Anforderungsfühler
demand sensor
sonde de demande
Smart-Grid 1
Smart-Grid 1
Smart-Grid 1
Smart-Grid 2
Smart-Grid 2
Smart-Grid 2
EVU-Sperre
utility block
utility block
Sperreingang
disable contactor
entrée du contacteur
de blocage

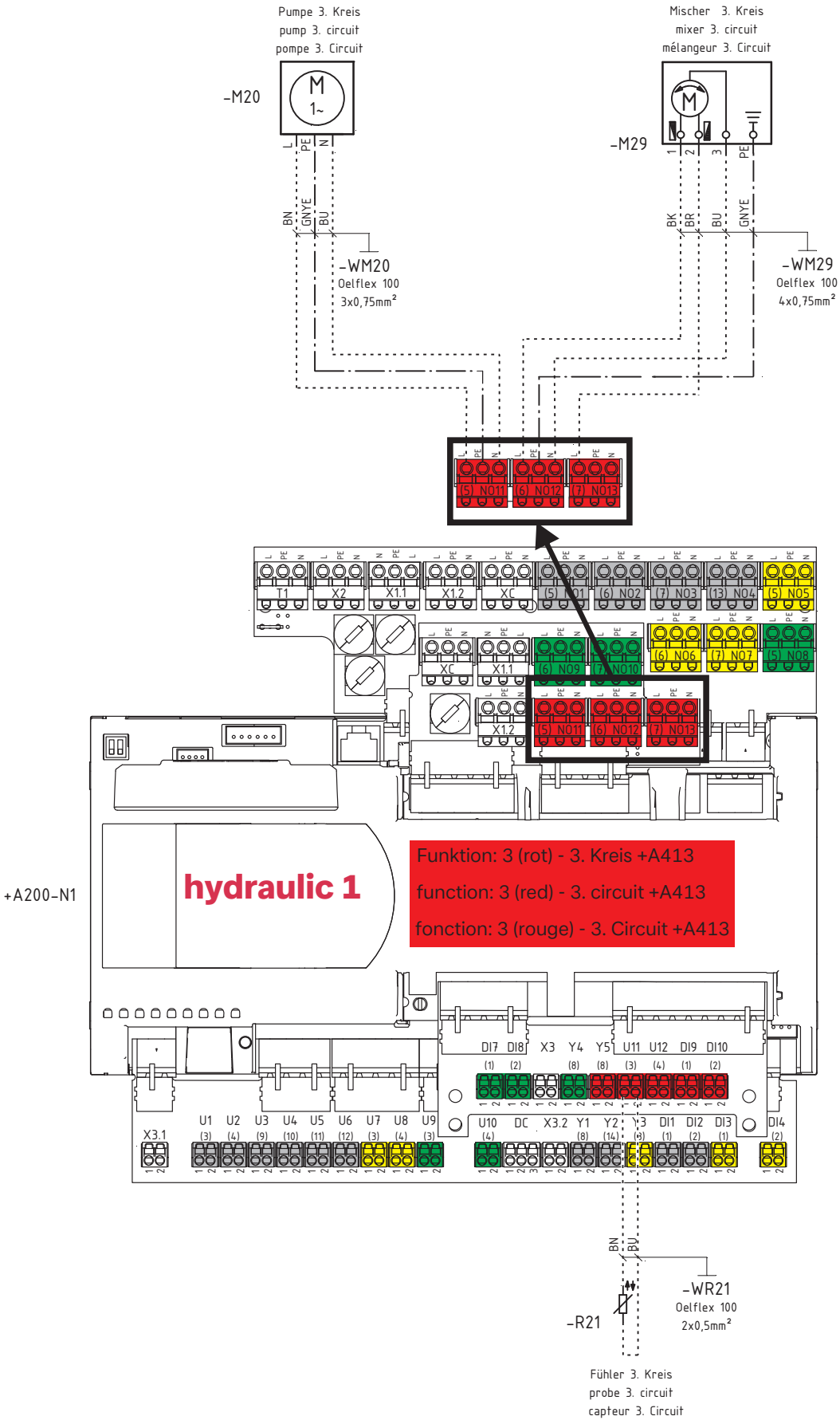

ODER - OR - OU
Relais Flanschheizung -E9
relays flange heater -E9
relais cartouche chauffante -E9
-K21
+A300
PE
Umschaltventil Warmwasser
reversing valve
domestic hot water
vanne d'inversion eau
chaude sanitaire
-YM18*
-YM18**
Pumpe Warmwasser
pump domestic hot water
pumpe eau chaude sanitaire
-M18
Zirkulationspumpe Warmwasser
circulation pump
domestic hot water
circulateur de bouclage
ECS eau chaude sanitaire
-M24
-WK21
Oelflex 100
2x0,75mm²
-WYM18*
Oelflex 100
4x0,75mm²
-WYM18.1**
Oelflex 100
4x0,75mm²
-WM18.1
Oelflex 100
3x0,75mm²
-WM18.2
Oelflex 100
2x0,75mm²
-WM24
Oelflex 100
3x0,75mm²
+A200-N1
hydraulic 1
Funktion: 1 (gelb) - Warmwasser +A420
function: 1 (yellow) - domestic hot water +A420
fonction: 1 (jaune) - eau chaude sanitaire +A420
-WR3
Oelflex 100
2x0,5mm²
-WK31
Oelflex 100
2x0,5mm²
-WB3
Oelflex 100
2x0,5mm²
-R3
-K31
-B3
Warmwasserfühler
domestic hot water sensor
sonde d'eau chaude sanitaire
Zirkulation Warmwasser
circulation domestic hot water
bouclage eau chaude sanitaire
Thermostat Warmwasser
thermostat domestic hot water
thermostat eau chaude sanitaire

Mischer 2. Kreis
mixer 2. circuit
mélangeur 2. Circuit

Pumpe 2. Kreis
pump 2. circuit
pompe 2. Circuit

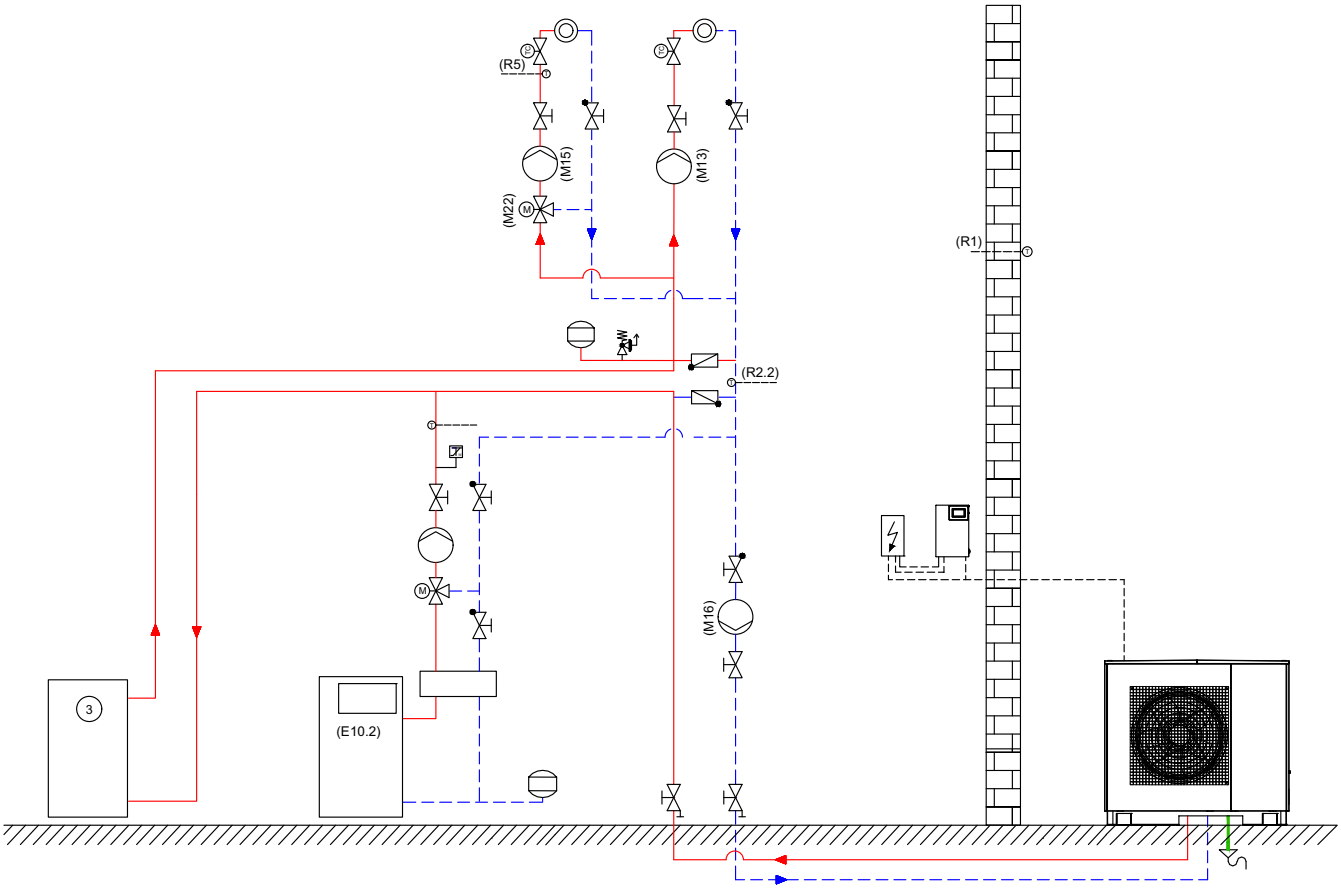


Fühler 2. Kreis
probe 2. circuit
capteur 2. Circuit


Pumpe 3. Kreis
pump 3. circuit
pompe 3. Circuit
-M20
Mischer 3. Kreis
mixer 3. circuit
mélangeur 3. Circuit
-M29
-WM20
Oelflex 100
3x0,75mm²
-WM29
Oelflex 100
4x0,75mm²
+A200-N1
hydraulic 1
Funktion: 3 (rot) - 3. Kreis +A413
function: 3 (red) - 3. circuit +A413
fonction: 3 (rouge) - 3. Circuit +A413
-WR21
Oelflex 100
2x0,5mm²
-R21
Fühler 3. Kreis
probe 3. circuit
capteur 3. Circuit

4

hydraulic

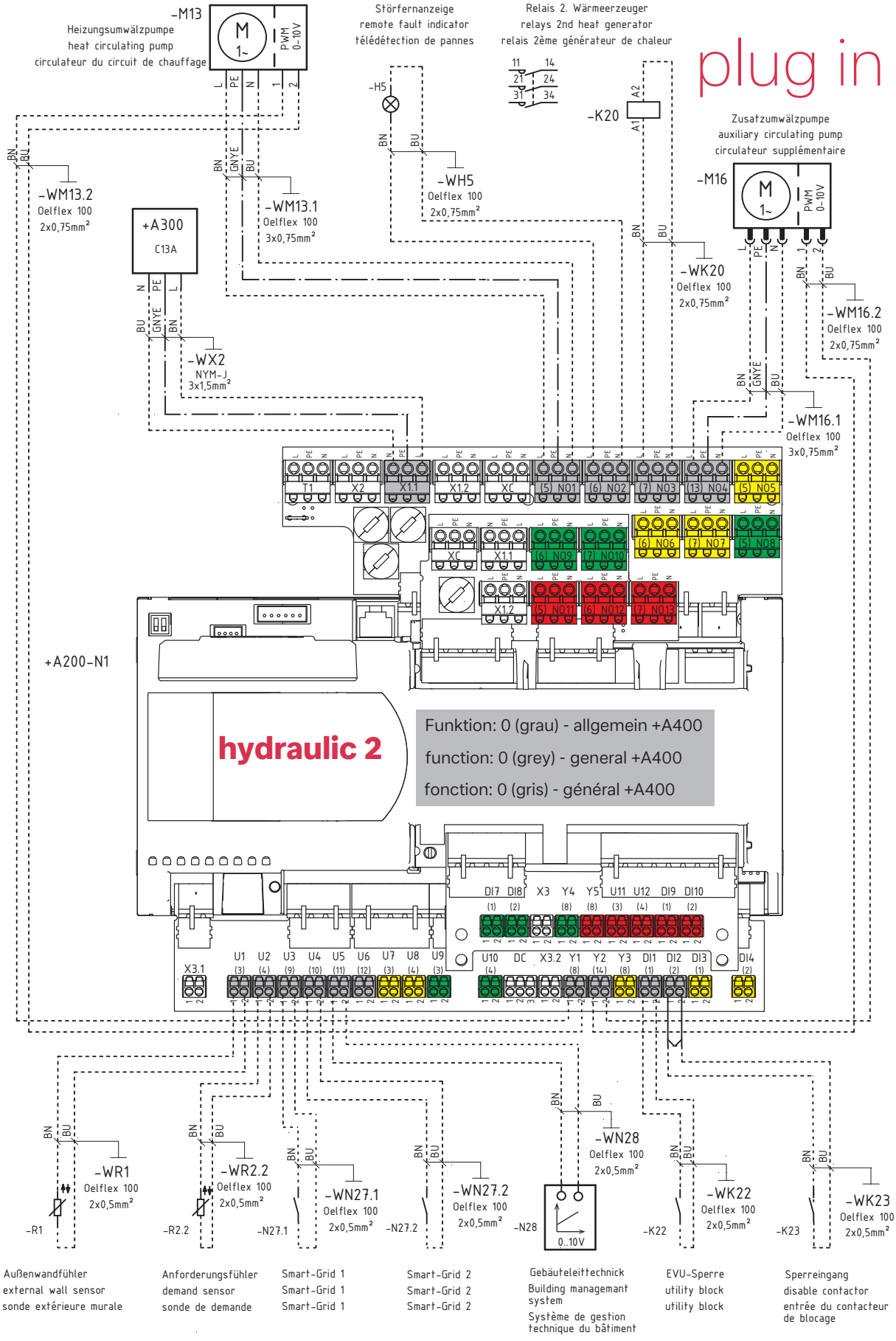


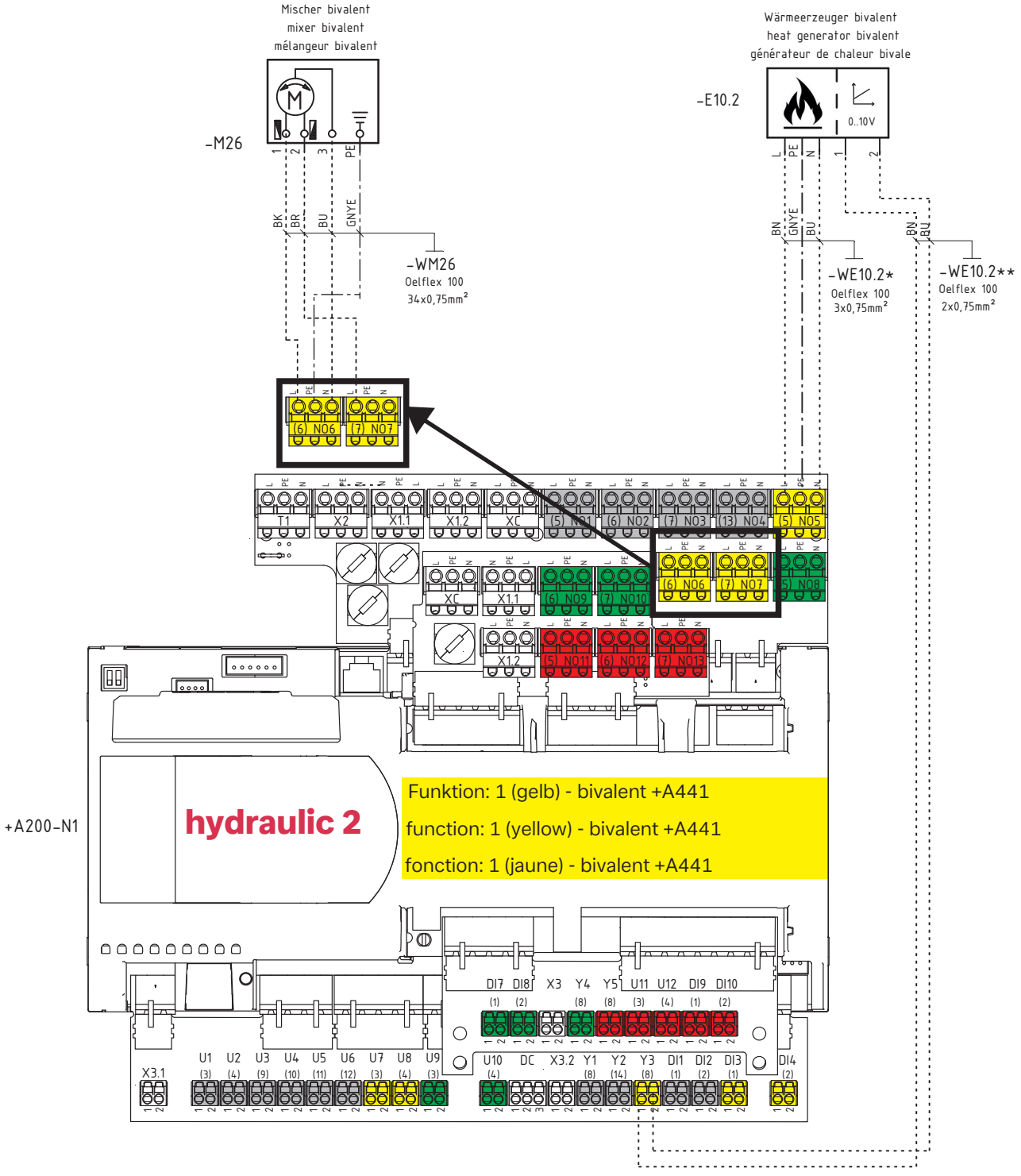
hydraulic 2

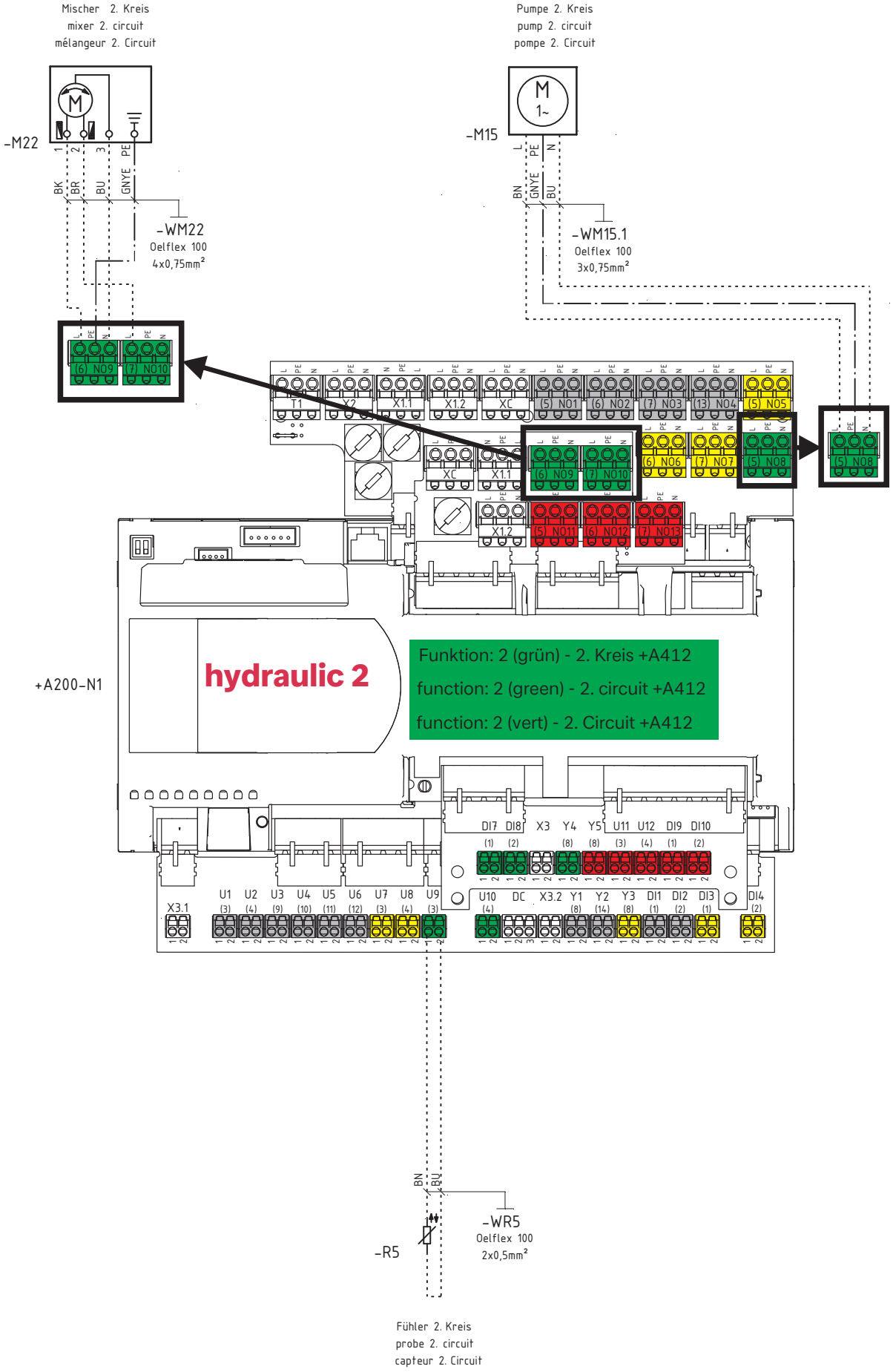
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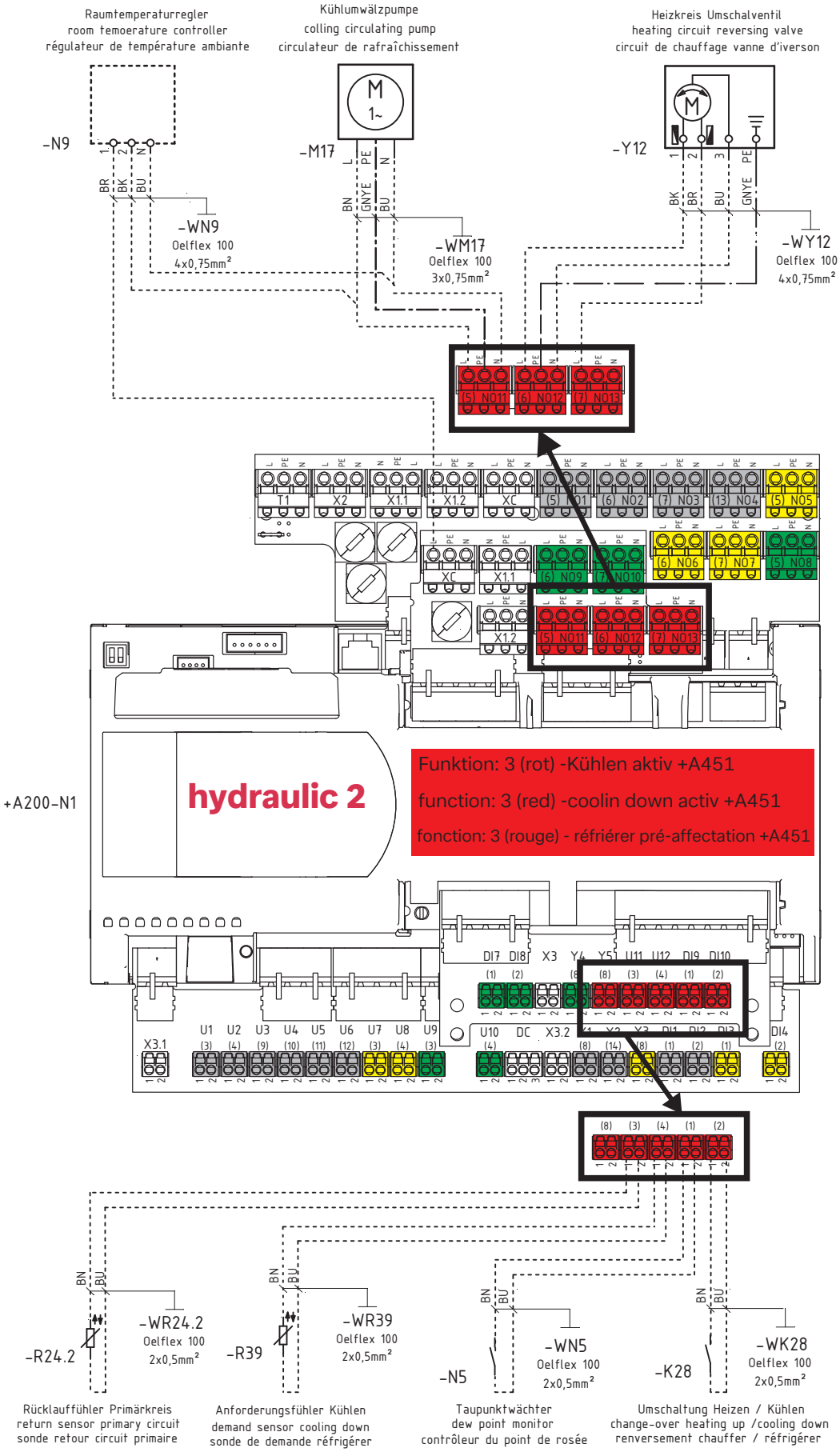
5

plug in




Mischer bivalent
mixer bivalent
mélangeur bivalent
-M26
-WM26
Oelflex 100
34x0,75mm²
Wärmeerzeuger bivalent
heat generator bivalent
générateur de chaleur bivale
-E10.2
0..10V
-WE10.2*
Oelflex 100
3x0,75mm²
-WE10.2**
Oelflex 100
2x0,75mm²
BK
BR
BU
GNYE
BN
(6) NO6
(7) NO7
T1
X2
X1.1
X1.2
XC
(5) NO1
(6) NO2
(7) NO3
(13) NO4
(5) NO5
(6) NO9
(7) NO10
(5) NO8
X1.2
(5) NO11
(6) NO12
(7) NO13
+A200-N1
hydraulic 2
Funktion: 1 (gelb) - bivalent +A441
function: 1 (yellow) - bivalent +A441
fonction: 1 (jaune) - bivalent +A441
DI7 DI8 X3 Y4 Y5 U11 U12 DI9 DI10
U1 U2 U3 U4 U5 U6 U7 U8 U9
X3.1
U10 DC X3.2 Y1 Y2 Y3 DI1 DI2 DI3
DI4


Mischer 2. Kreis
mixer 2. circuit
mélangeur 2. Circuit
-M22
BK
BR
BU
GNYE
PE
-WM22
Oelflex 100
4x0,75mm²
Pumpe 2. Kreis
pump 2. circuit
pompe 2. Circuit
-M15
BN
GNYE
BU
-WM15.1
Oelflex 100
3x0,75mm²
(6) NO9
(7) NO10
T1
X2
X1.1
X1.2
XC
(5) NO1
(6) NO2
(7) NO3
(13) NO4
(5) NO5
(6) NO6
(7) NO7
(5) NO8
(5) NO11
(6) NO12
(7) NO13
+A200-N1
hydraulic 2
Funktion: 2 (grün) - 2. Kreis +A412
function: 2 (green) - 2. circuit +A412
function: 2 (vert) - 2. Circuit +A412
DI7 DI8 X3 Y4 Y5 U11 U12 DI9 DI10
U1 U2 U3 U4 U5 U6 U7 U8 U9
X3.1
U10 DC X3.2 Y1 Y2 Y3 DI1 DI2 DI3
DI4
-R5
-WR5
Oelflex 100
2x0,5mm²
Fühler 2. Kreis
probe 2. circuit
capteur 2. Circuit


Raumtemperaturregler
room temoerature controller
régulateur de température ambiante
Kühlumwälzpumpe
colling circulating pump
circulateur de rafraîchissement
Heizkreis Umschalventil
heating circuit reversing valve
circuit de chauffage vanne d'iverson
-N9
-M17
-Y12
-WN9
Oelflex 100
4x0,75mm²
-WM17
Oelflex 100
3x0,75mm²
-WY12
Oelflex 100
4x0,75mm²
+A200-N1
hydraulic 2
Funktion: 3 (rot) -Kühlen aktiv +A451
function: 3 (red) -coolin down activ +A451
fonction: 3 (rouge) - réfriérer pré-affectation +A451
-R24.2
-WR24.2
Oelflex 100
2x0,5mm²
-R39
-WR39
Oelflex 100
2x0,5mm²
-N5
-WN5
Oelflex 100
2x0,5mm²
-K28
-WK28
Oelflex 100
2x0,5mm²
Rücklauffühler Primärkreis
return sensor primary circuit
sonde retour circuit primaire
Anforderungsfühler Kühlen
demand sensor cooling down
sonde de demande réfrigérer
Taupunktwächter
dew point monitor
contrôleur du point de rosée
Umschaltung Heizen / Kühlen
change-over heating up /cooling down
renversement chauffer / réfrigérer

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