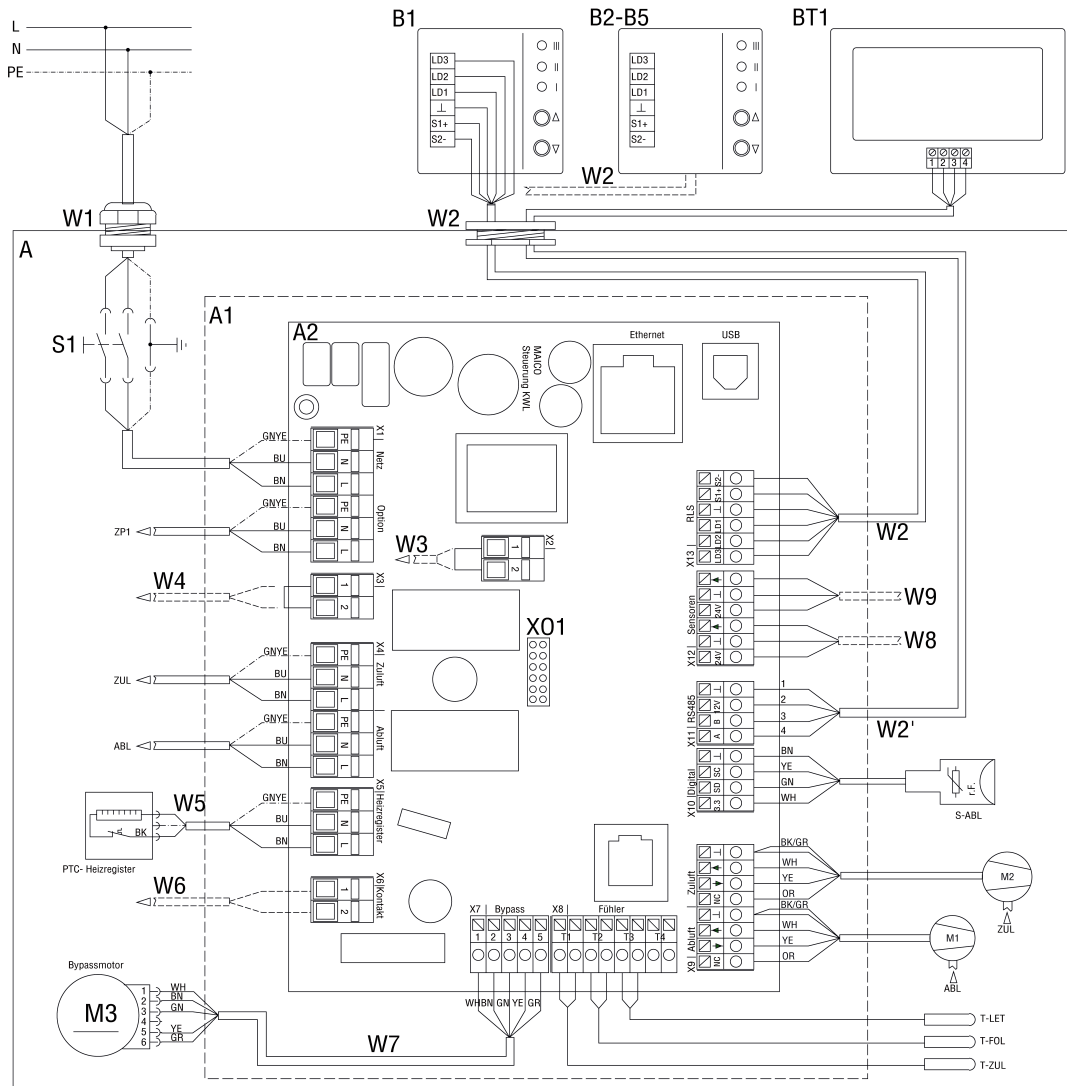


WIRING DIAGRAM

WS 470 KBR



WS 470 KBR

A - WR ventilation unit WR 310/410, WS 320/470

A1 - Electronics slide-in module

A2 - CDV control system

B - Standard control unit RLS 1 WR

B2-B5 - Parallel connection max. 5 pcs. RLS 1 WR

BT1 - Touchscreen control unit RLS T1 WS

W1 - Connection cable 230 VAC

W2 - Shielded control cable standard control unit (to be supplied by the customer), e.g. LIYY 6 x 0.34 mm²

W2 – Shielded control cable RLS T1 WS (to be supplied by the customer), e.g. LIYY 4 x 0.34 mm²

W3 - Connection duct (to be supplied by the customer) for external safety device with potential-free contact 12 V/2 A

W4 - 230 V output for safety device (e.g. safety pressure monitor for fireplaces)

W5 - Connection duct for PTC heat register

W6 - Connection duct (to be supplied by the customer) for multifunction contact (potential-free relay contact 230 VAC/5A or 30 VDC/5A). Multifunction contact for connection of one of the following components: alarm indicator, filter change message, operating display, re-heating, pre-heating, external shutter, brine EHE (unregulated pump), cooling.

W7 - Bypass motor connection cable

W8 - Connection cable (to be supplied by the customer) for external sensors

W9 - Connection duct (to be supplied by the customer) for external sensors

S1 - Device switch

M1 - Exhaust air/outgoing air fan

M2 - Outside air/supply air fan

M3 - Bypass motor

T-LET - Temperature sensor, air intake, outside air

T-FOL - Temperature sensor outgoing air

T-ZUL - Temperature sensor supply air

S-ABL - Combination sensor exhaust air