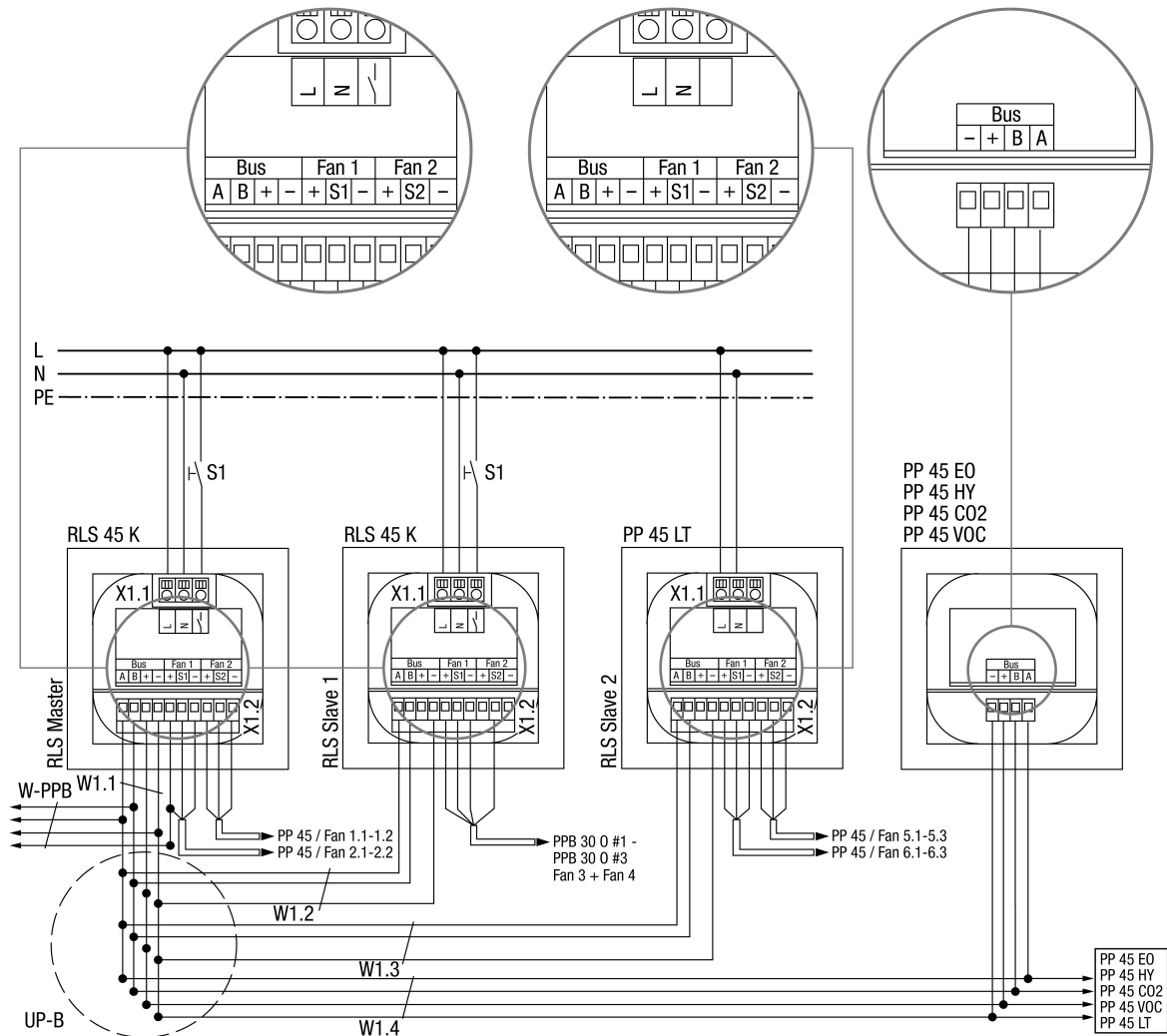


# WIRING DIAGRAM

## PP 45 CO2



RLS 45 K - PP 45 Comfort room air control

PP 45 LT - PP 45 power unit

PP 45 EO - PP 45 EnOcean radio module

PP 45 HY - PP 45 humidity sensor for recessed mounting

PP 45 CO2 - PP 45 CO2 sensor for recessed mounting

PP 45 VOC - PP 45 VOC sensor for recessed mounting

Fan 1.1-1.3 - Fan unit 1 and 3 on RLS master

Fan 2.1-2.3 - Fan unit 2 and 4 on RLS master

W-PPB - Fan unit 5 (BBP 30 K) on RLS master connecting cable for bus (RS-485), recommended control cable J-Y(ST)Y 2x2x0.8mm<sup>2</sup>. Max. cable length to the PPB 30 K, 25 metres from the star point

Fan 3 + 4 G1-3 - Fan unit 6,7,8 on RLS slave 1

Fan 5.1-5.3 - Fan unit 9,11,13 on RLS slave 2

Fan 6.1-6.3 - Fan unit 10,12,14 on RLS slave 2

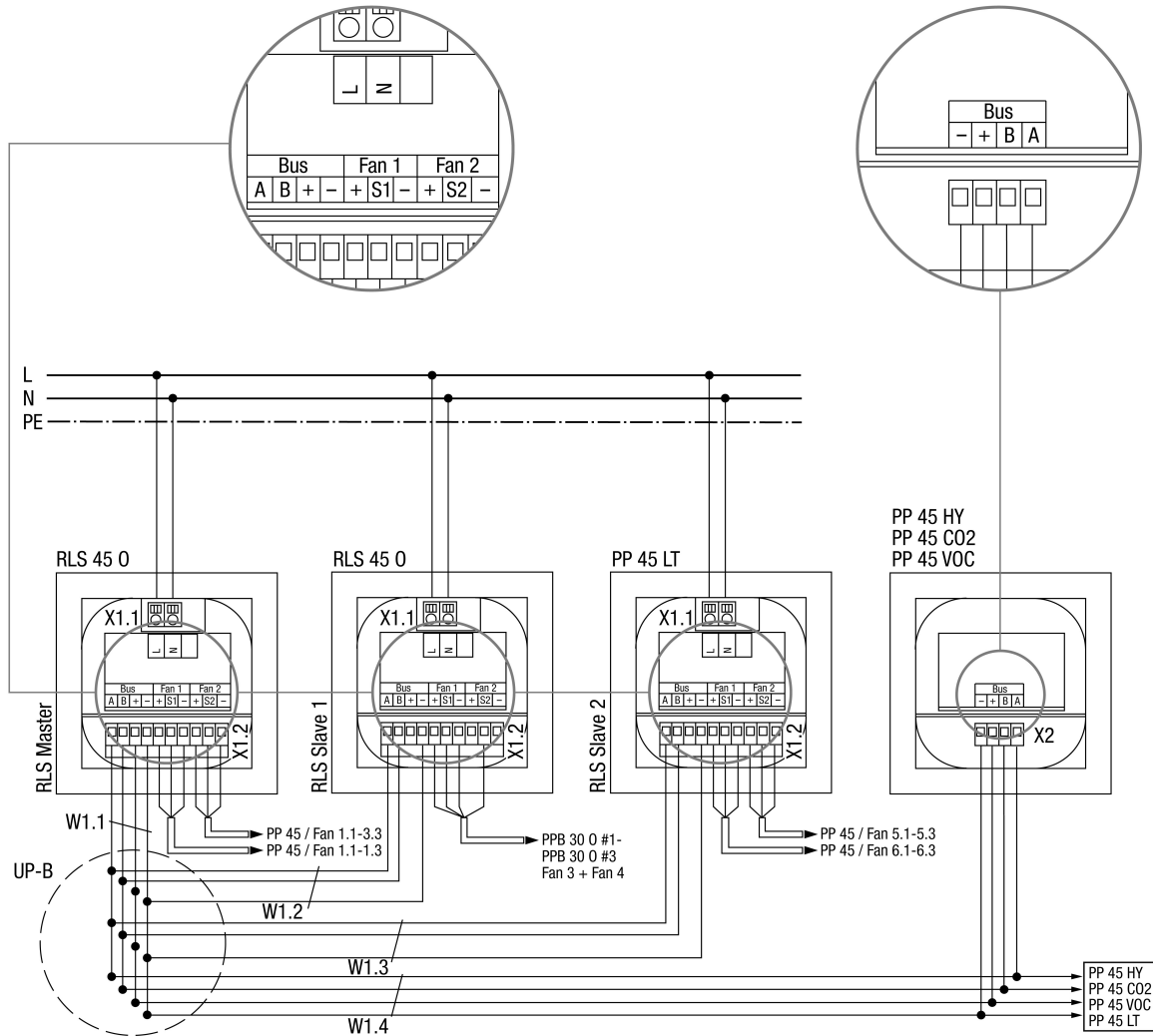
S1 - Button/switch for additional function (sleep, intensive, disbalance, safety function)

UP-B - Recessed-mounted distributor bus, connection of RLS, LT, EO and sensors using RS-485 bus interface

W1.X - Bus (RS-485) connection cable, recommended control cable J-Y(ST)Y 2x2x0.8mm. Max. cable length to the sensors, RLS, LTs and EnOcean module approx. 100 m. Alternatively, this connection can also be used as a ModBus RTU interface.

# WIRING DIAGRAM

## PP 45 CO2



RLS 45 O - 45 object room air control

PP 45 LT - PP 45 power unit

PP 45 HY - PP 45 humidity sensor for recessed mounting

PP 45 CO2 - PP45 CO2 sensor for recessed mounting

PP 45 VOC - PP45 VOC sensor for recessed mounting

Fan 1.1-1.3 - Fan unit 1 and 3 on RLS master

Fan 2.1-2.3 - Fan unit 2 and 4 on RLS master

Fan 3 + 4 G1-3 - Fan unit 6,7,8 on RLS slave 1

Fan 5.1-5.3 - Fan unit 9,11,13 on RLS slave 2

Fan 6.1-6.3 - Fan unit 10,12,14 on RLS slave 2

UP-B - Recessed-mounted distributor bus, connection of RLS, LT, EO and sensors using RS-485 bus interface

W1.X - Bus (RS-485) connection cable, recommended control cable J-Y(ST)Y 2x2x0.8mm. Max. cable length to the sensors, RLS, LTs and EnOcean module approx. 100 m. Alternatively, this connection can also be used as a ModBus RTU interface.