

## Anschluss: KWL-MZB-ZR mit KWL-MZB...

KWL-MZB-VOC-F

Art.-Nr.: 4216

oder

KWL-MZB-F

Art.-Nr.: 4250

Optionaler Anschluss  
Steuerspannung  
Lüftungsgerät Abluft

### KWL-MZB-ZR

- |   |                               |
|---|-------------------------------|
| 4 | Fehler Abluft (Digi. Eingang) |
| 3 | 0-10V Ventilator Abluft       |
| 2 | Tacho Ventilator Abluft       |
| 1 | GND                           |
| 4 | Fehler Zuluft (Digi. Eingang) |
| 3 | 0-10V Ventilator Zuluft       |
| 2 | Tacho Ventilator Zuluft       |
| 1 | GND                           |
| 4 | GND                           |
| 3 | RS485 A (Brücke zu B 120 Ohm) |
| 2 | RS485 B (ModBus RTU)          |
| 1 | RS485 A (ModBus RTU)          |
| 6 | Digital Eingang 2 (GND)       |
| 5 | Digital Eingang 2             |
| 4 | Digital Eingang 1 (GND)       |
| 3 | Digital Eingang 1             |
| 2 | 12V / 24V DC                  |
| 1 | GND                           |

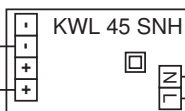
USB (B)

Kommunikation  
MZB

B A

micro  
SD

Ethernet



KWL 45 SNH

Art. Nr. 3001

Bauseits zu stellen

### KWL-MZB ...

3 x 1,5mm<sup>2</sup>  
L  
PE  
N

Potentialfreier Kontakt  
(bis 230V / 5A)

LAN-Leitung Patch

Bedienelement

KWL-MZB-BE

oder

KWL-MZB-BET

(siehe SS-1202)

USB (B)

Konfiguration  
des Geräts

Sicherung  
T 10A

RJ45

RJ45

1: 12V

3: RS485 A

5: RS485 B

7: 12V BDE

9: GND BDE

2: Eingang 1 Digital/0-10V

4: Eingang 2 Digital/0-10V

6: Eingang 3 Digital/0-10V

8: T-Fühler PT1000/KTY81-110

10: T-Fühler PT1000/KTY81-110

Drucksensor

L H

Zuluft

Drucksensor

L H

Abluft

SchlauchØ innen: 2mm

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3 4  
5 6  
7 8

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## Connection: KWL-MZB-ZR with KWL-MZB...

KWL-MZB-VOC-F  
Item No 4216

or

KWL-MZB-F  
Item No 4250

Optional connection  
control voltage  
ventilation unit  
exhaust air

### KWL-MZB-ZR

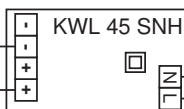
4 Fault extract air (digital input)  
3 0-10V Fan extract air  
2 Speed Fan extract air  
1 GND

4 Fault supply air (digital input)  
3 0-10V Fan supply air  
2 Speed supply air  
1 GND

4 GND  
3 RS485 A (link to B 120 Ohm)  
2 RS485 B (ModBus RTU)  
1 RS485 A (ModBus RTU)

6 Digital input 2 (GND)  
5 Digital input 2  
4 Digital input 1 (GND)  
3 Digital input 1  
2 12V / 24V DC  
1 GND

Optional connection  
control voltage  
ventilation unit  
supply air



KWL 45 SNH  
Item no 3001  
Supplied by others

USB (B)

Communication  
MZB

micro  
SD

Ethernet

### KWL-MZB ...

3 x 1,5mm<sup>2</sup>  
L  
PE  
N

Potential-free contact  
(up to 230V / 5A)

LAN line patch

Control element  
KWL-MZB-BE  
or  
KWL-MZB-BET  
(see SS-1202)

USB (B)  
Configuration  
of the device

1: 12V 2: Input 1 Digital/0-10V  
3: RS485 A 4: Input 2 Digital/0-10V  
5: RS485 B 6: Input 3 Digital/0-10V  
7: 12V BDE 8: T sensor PT1000/KTY81-110  
9: GND BDE 10: T sensor PT1000/KTY81-110

Drucksensor Drucksensor  
L H L H  
Supply air Extract air  
Hose Ø inside: 2mm

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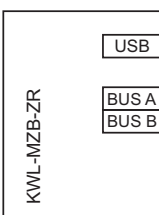
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## Connection principle: KWL-MZB-ZR with several KWL-MZB...



Termination resistor  
120 Ω

Termination resistor  
120 Ω

Control element

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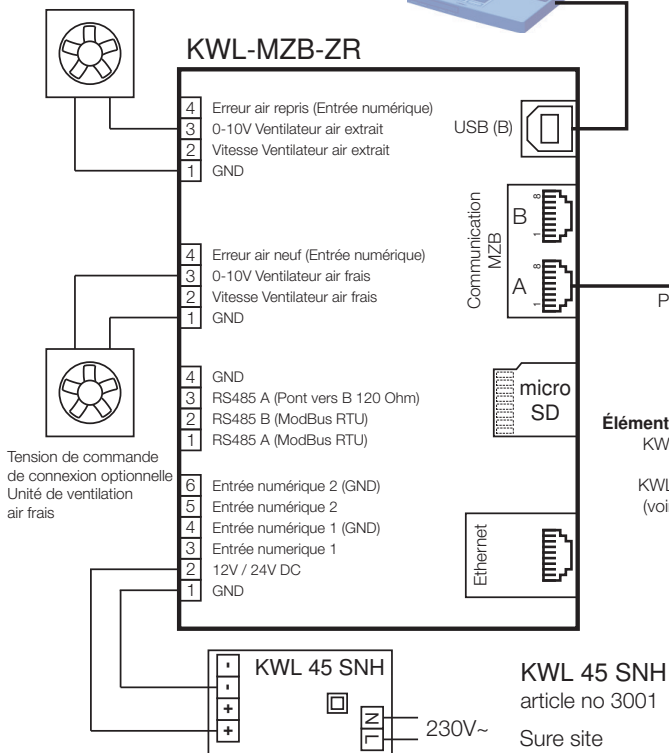
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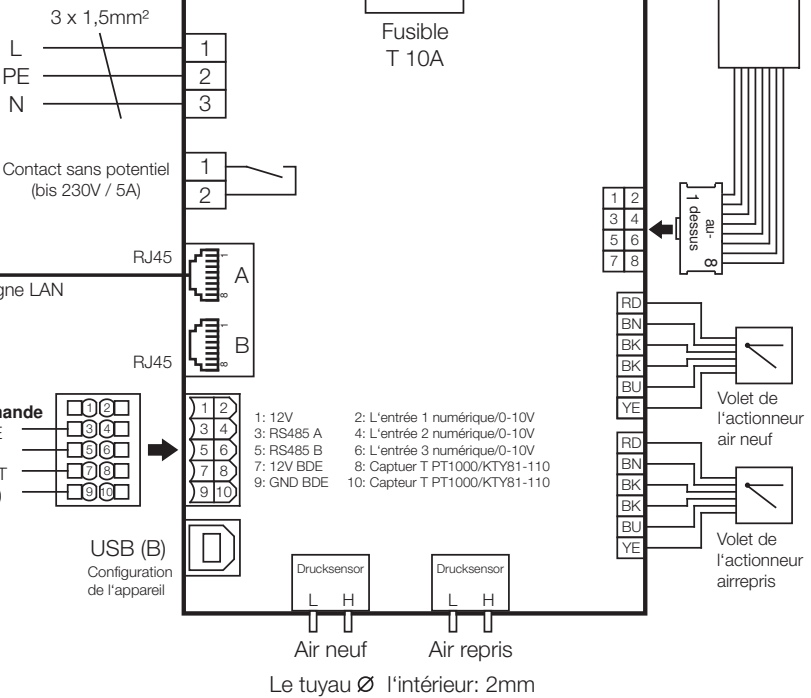
Connexion: KWL-MZB-ZR avec KWL-MZB...

KWL-MZB-VOC-F  
article no 4216  
ou  
KWL-MZB-F  
article no 4250

Tension de commande  
de connexion optionnelle  
Unité de ventilation  
air extrait



KWL-MZB ...



Principe de connexion: KWL-MZB-ZR avec pusieurs KWL-MZB...

