



## DATENBLATT | RD +1°C V2.0

### KURZBESCHREIBUNG

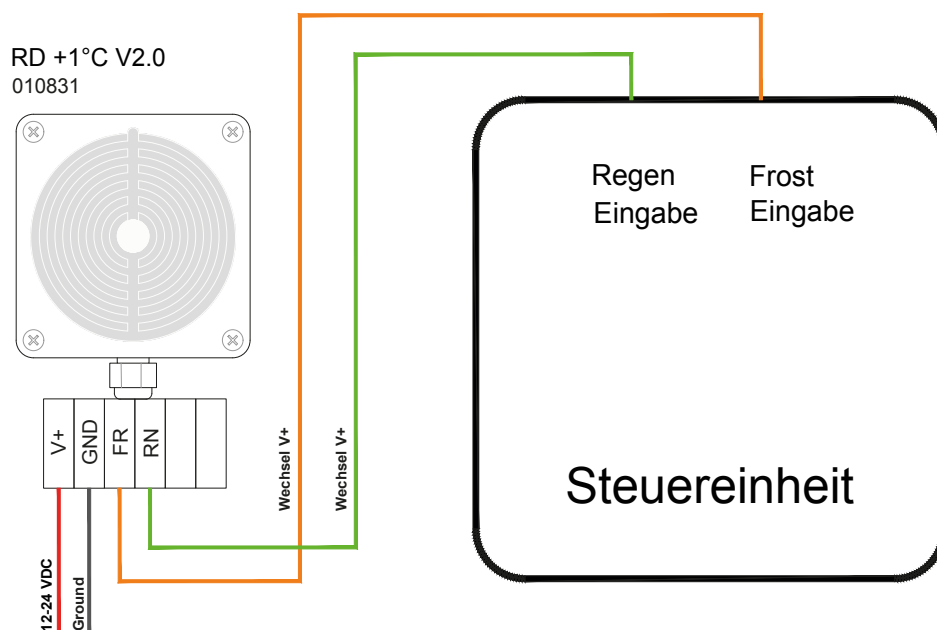
- Niederschlagssensor zur Erkennung von Regen und Frost
- Zum Schutz von Beschattungen im Außenbereich
- Messverfahren: kapazitive Vergleichsmessung
- Regenerkennung bei Außentemperatur über +1 °C
- Frosterkennung bei Außentemperaturen unter +1 °C
- Beheizte Sensoroberfläche zum störungsfreien Winterbetrieb



## TECHNISCHE DATEN

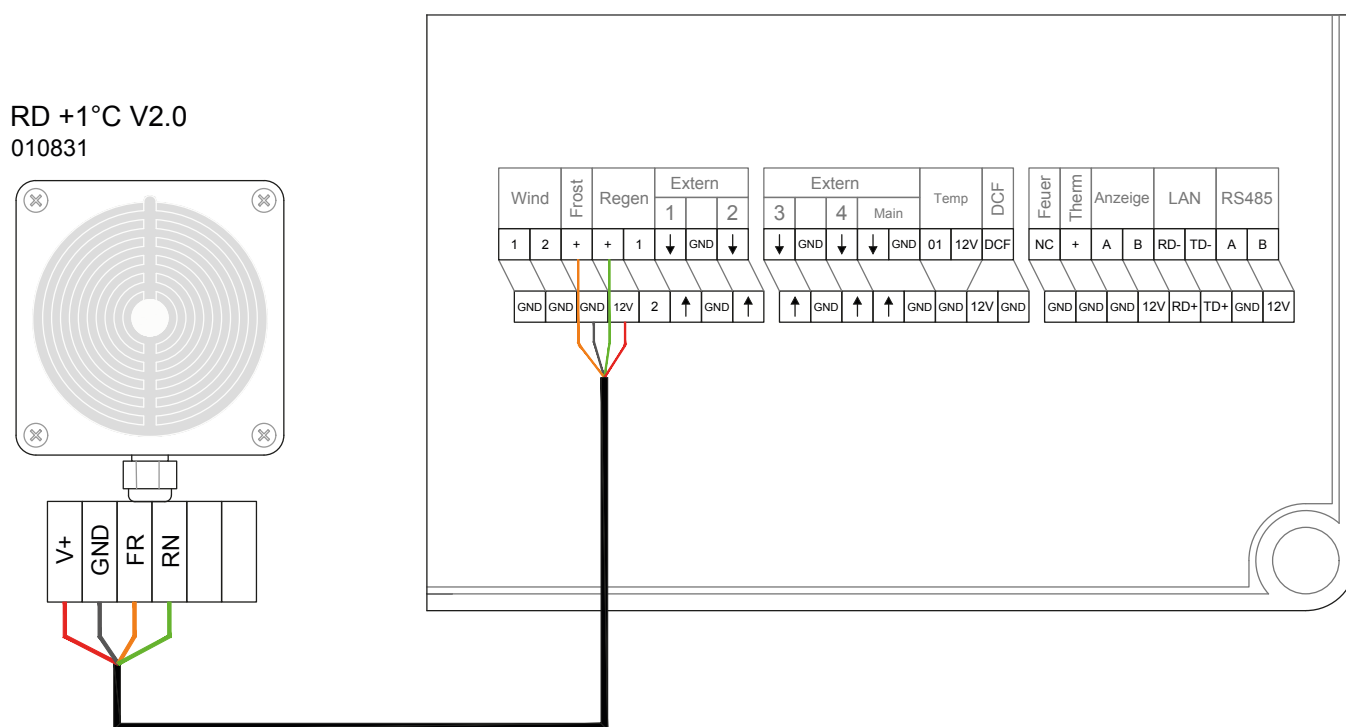
| PARAMETER                                           | WERT                                                      |
|-----------------------------------------------------|-----------------------------------------------------------|
| Betriebsspannung                                    | 12-24 VDC (+10%)                                          |
| Stromaufnahme bei 12VDC / 24VDC:                    | mit Heizung: 130 mA / 60 mA<br>ohne Heizung: 13 mA / 9 mA |
| Schutzart                                           | IP 65                                                     |
| Empfohlener Leitungsquerschnitt                     | 4 × 0,5 mm <sup>2</sup>                                   |
| Max. Leitungslänge:<br>(Regensensor zu Steuergerät) | 100 m                                                     |
| Betriebstemperaturbereich:                          | -30 °C bis +70 °C                                         |
| Maße (L × W × H)                                    | 80 × 82 × 58 mm                                           |
| Konformität                                         | CE                                                        |

## ANSCHLUSSPLAN



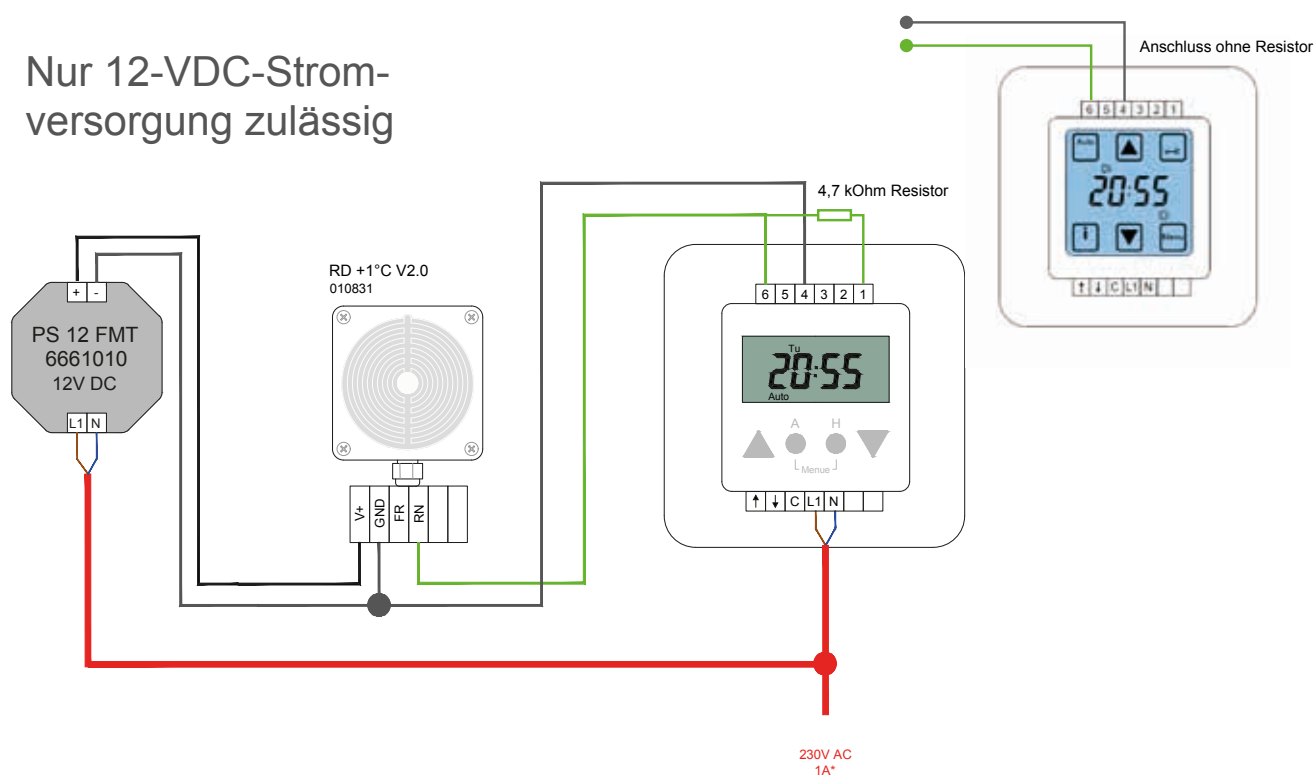


### ANSCHLUSSMÖGLICHKEIT AN BREL VESTAMATIC GROUP TOUCH CENTRE 4C/2C



## ANSCHLUSSMÖGLICHKEIT AN BREL VESTAMATIC GROUP WISO QUATTRO/ WISO TIME

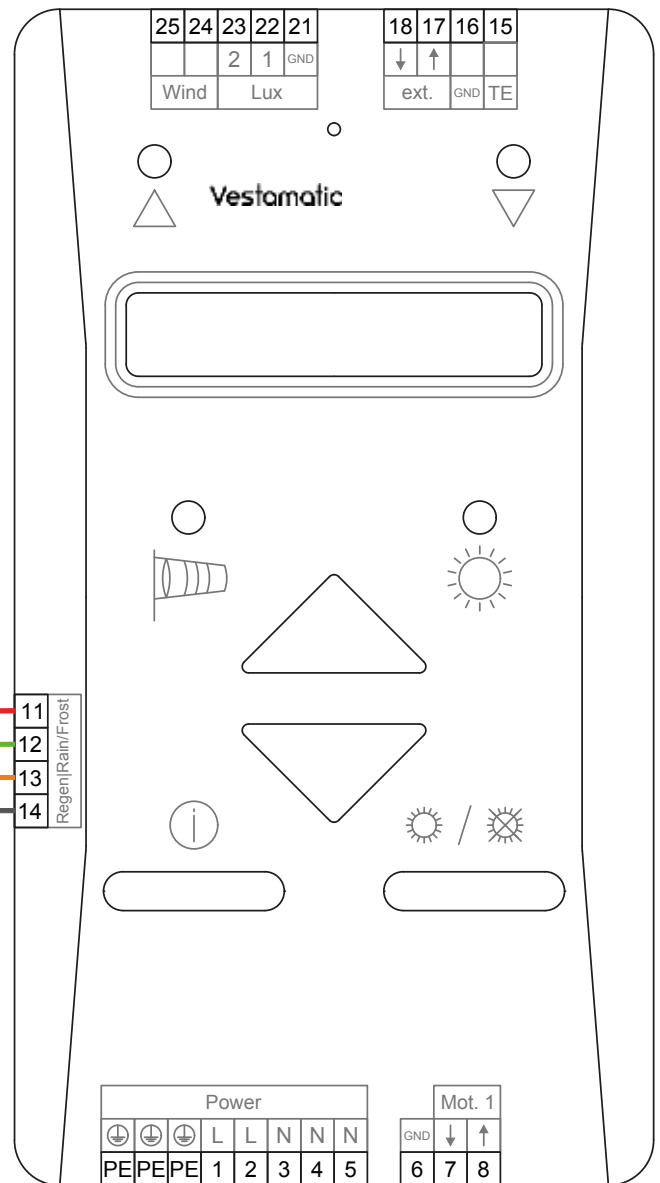
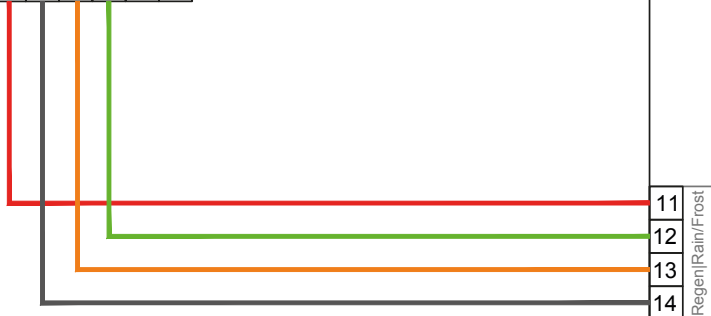
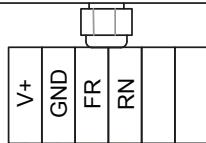
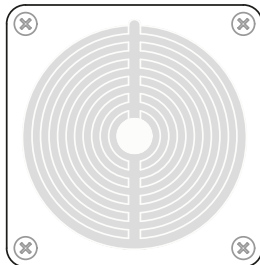
Nur 12-VDC-Stromversorgung zulässig





## ANSCHLUSSMÖGLICHKEIT AN BREL VESTAMATIC GROUP UNI 12/22

RD +1°C V2.0  
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## DATA SHEET | RD +1°C V2.0

### SHORT DESCRIPTION

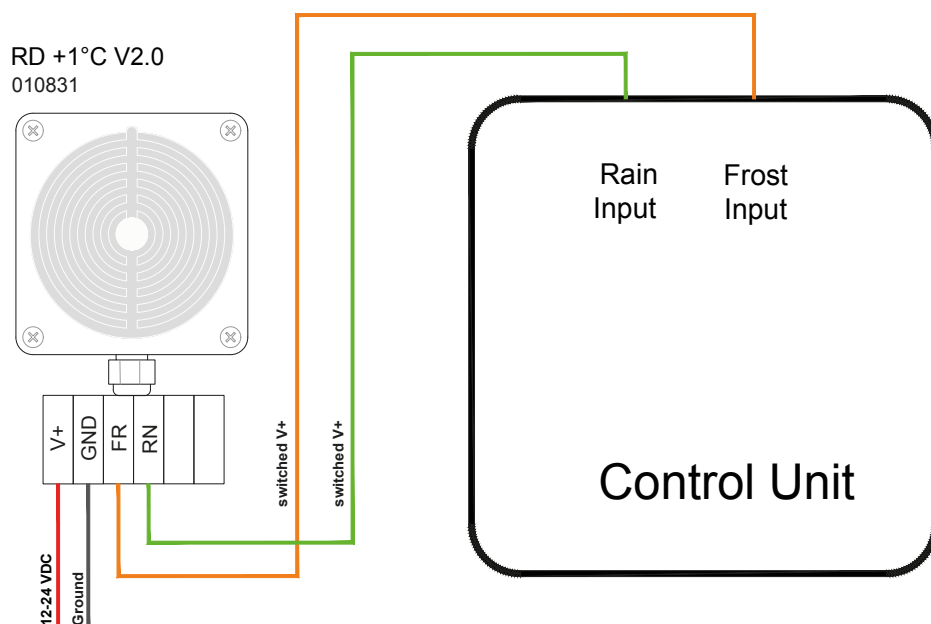
- Precipitation sensor for detecting rain and frost
- For protecting outdoor shading systems
- Measuring method: capacitive comparative measurement
- Rain detection at outdoor temperatures above +1 °C
- Frost detection at outdoor temperatures below +1 °C
- Heated sensor surface for reliable winter operation



## TECHNICAL DATA

| PARAMETER                                         | VALUE                                                         |
|---------------------------------------------------|---------------------------------------------------------------|
| Power supply                                      | 12-24 VDC (+10%)                                              |
| Currency consumption at 12VDC / 24VDC:            | With heating: 130 mA / 60 mA<br>Without heating: 13 mA / 9 mA |
| IP class                                          | IP 65                                                         |
| recommended power cross-section                   | 4 × 0,5 mm <sup>2</sup>                                       |
| Maximum cable length:<br>(sensor to control unit) | 100 m                                                         |
| Operating temperature                             | -30 °C bis +70 °C                                             |
| Dimensions (L × W × H)                            | 80 × 82 × 58 mm                                               |
| Conformität                                       | CE                                                            |

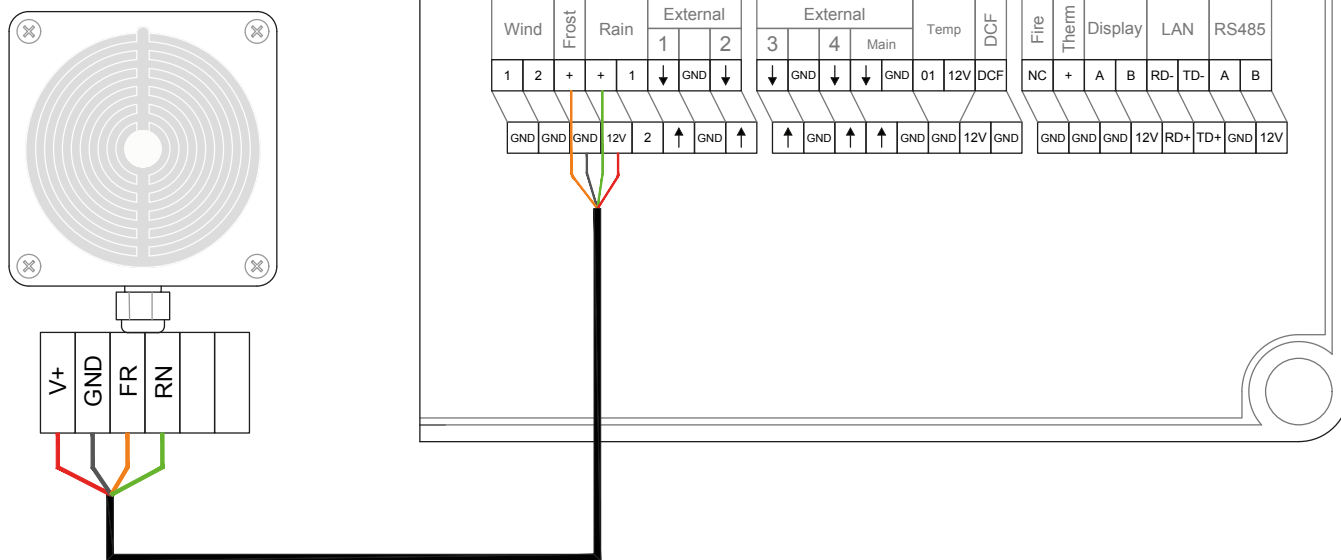
## WIRING DIAGRAM





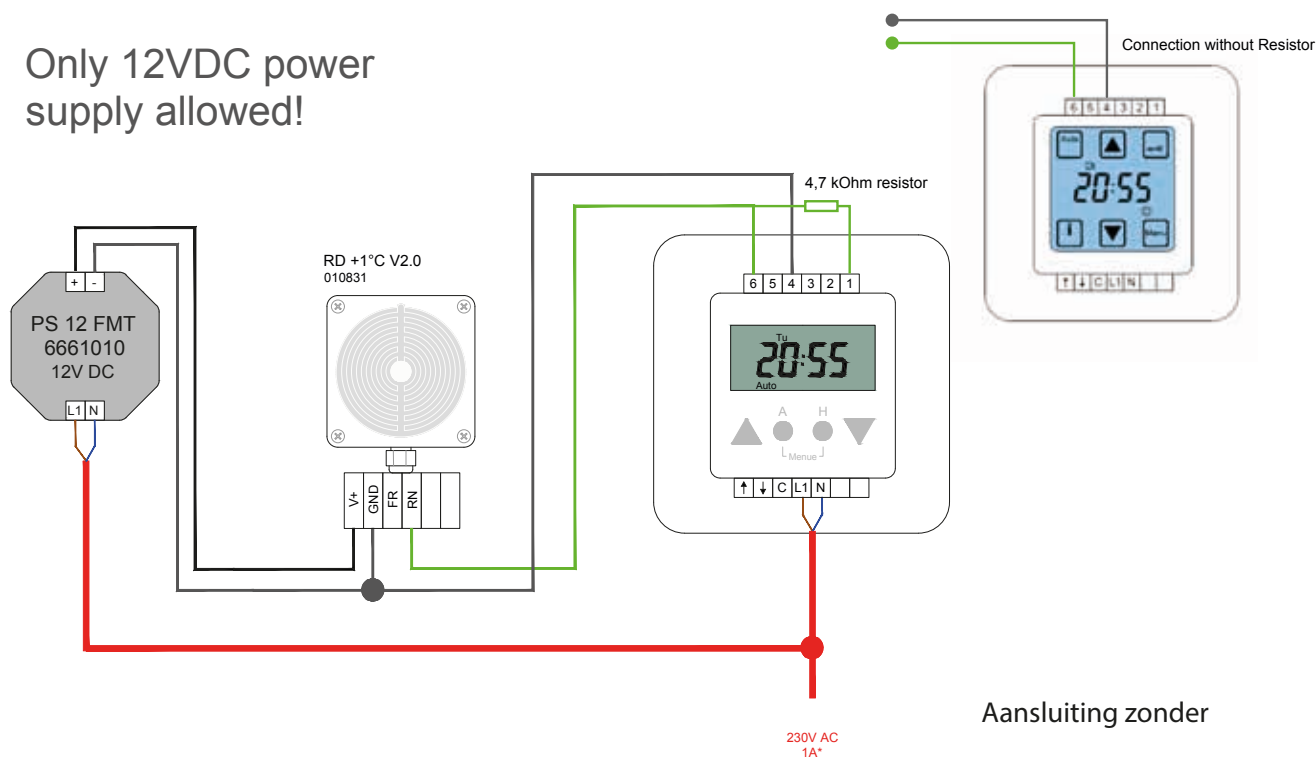
## WIRING OPTION FOR BREL VESTAMATIC GROUP TOUCH CENTRE 4C/2C

RD +1°C V2.0  
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## WIRING OPTION FOR BREL VESTAMATIC GROUP WISO QUATTRO / WISO TIME

Only 12VDC power supply allowed!

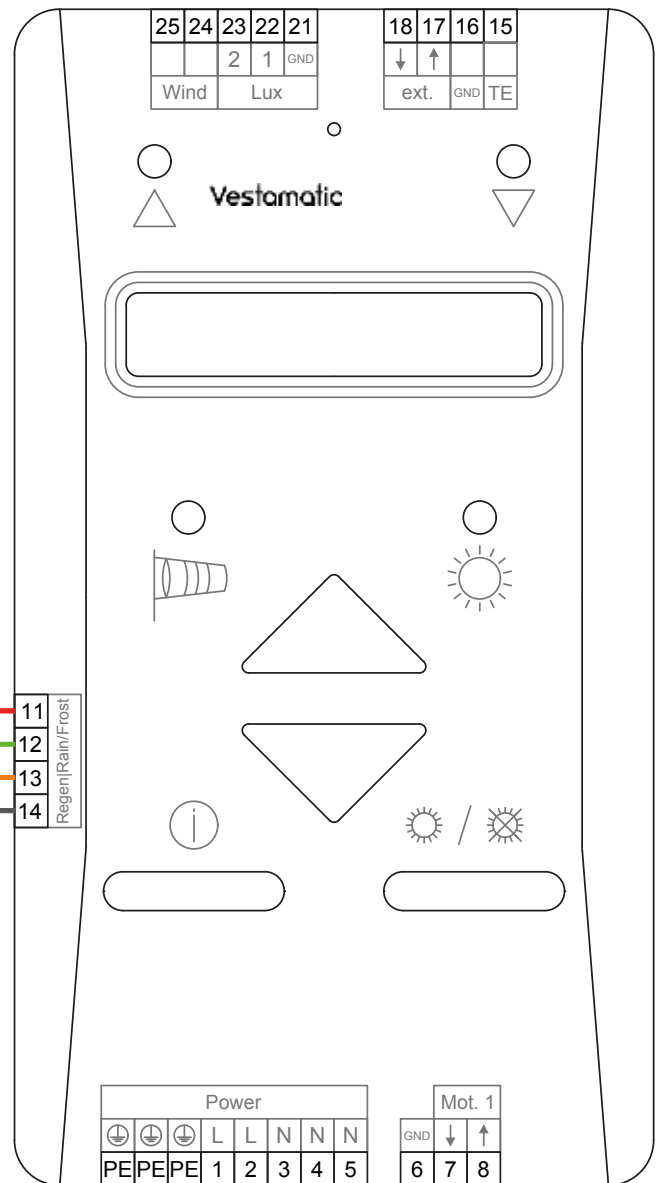
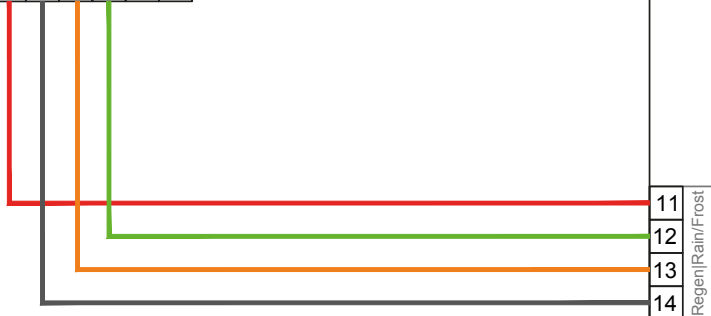
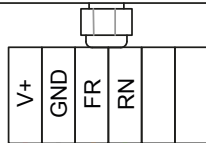
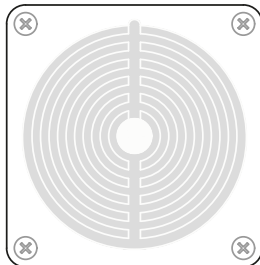


Aansluiting zonder



## WIRING OPTION FOR BREL VESTAMATIC GROUP UNI 12/22

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## GEGEVENSBLAD | RD +1°C V2.0

### KORTE BESCHRIJVING

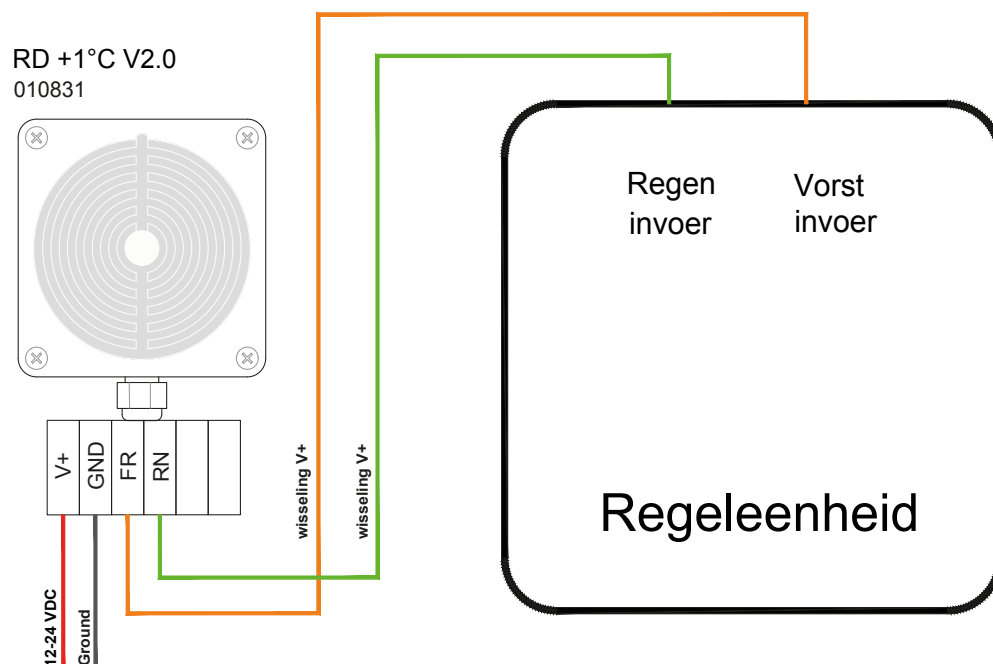
- Neerslagsensor voor detectie van regen en vorst
- Voor bescherming van zonweringen in buitengebied
- Meetprincipe: capacitieve vergelijkingsmeting
- Regendetectie bij buitentemperatuur boven +1 °C
- Vorstdetectie bij buitentemperatuur onder +1 °C
- Verwarmd sensoroppervlak voor storingsvrije winterwerking



## TECHNISCHE GEGEVENS

| PARAMETER                                        | WAARDE                                                            |
|--------------------------------------------------|-------------------------------------------------------------------|
| Voedingsspanning                                 | 12-24 VDC (+10%)                                                  |
| Stroomverbruik bij 12 VDC / 24 VDC               | met verwarming: 130 mA / 60 mA<br>zonder verwarming: 13 mA / 9 mA |
| Beschermingsgraad                                | IP 65                                                             |
| Aanbevolen kabeldoorsnede                        | 4 × 0,5 mm <sup>2</sup>                                           |
| Max. kabellengte<br>(regensensor naar besturing) | 100 m                                                             |
| Bedrijfstemperatuurbereik                        | -30 °C bis +70 °C                                                 |
| Afmetingen (L × W × H)                           | 80 × 82 × 58 mm                                                   |
| Conformiteit                                     | CE                                                                |

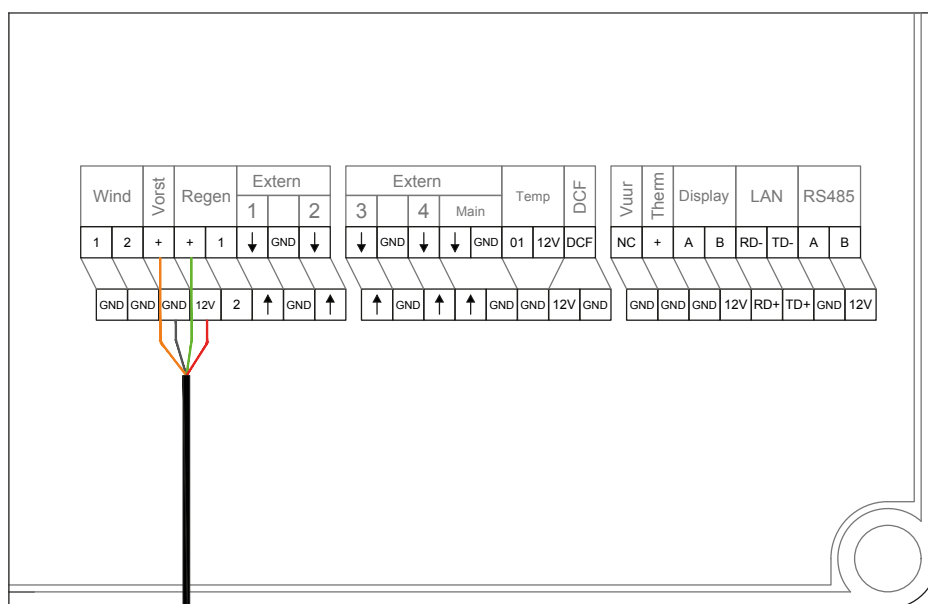
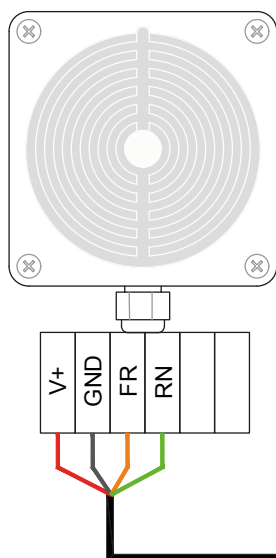
## AANSLUITSCHEMA





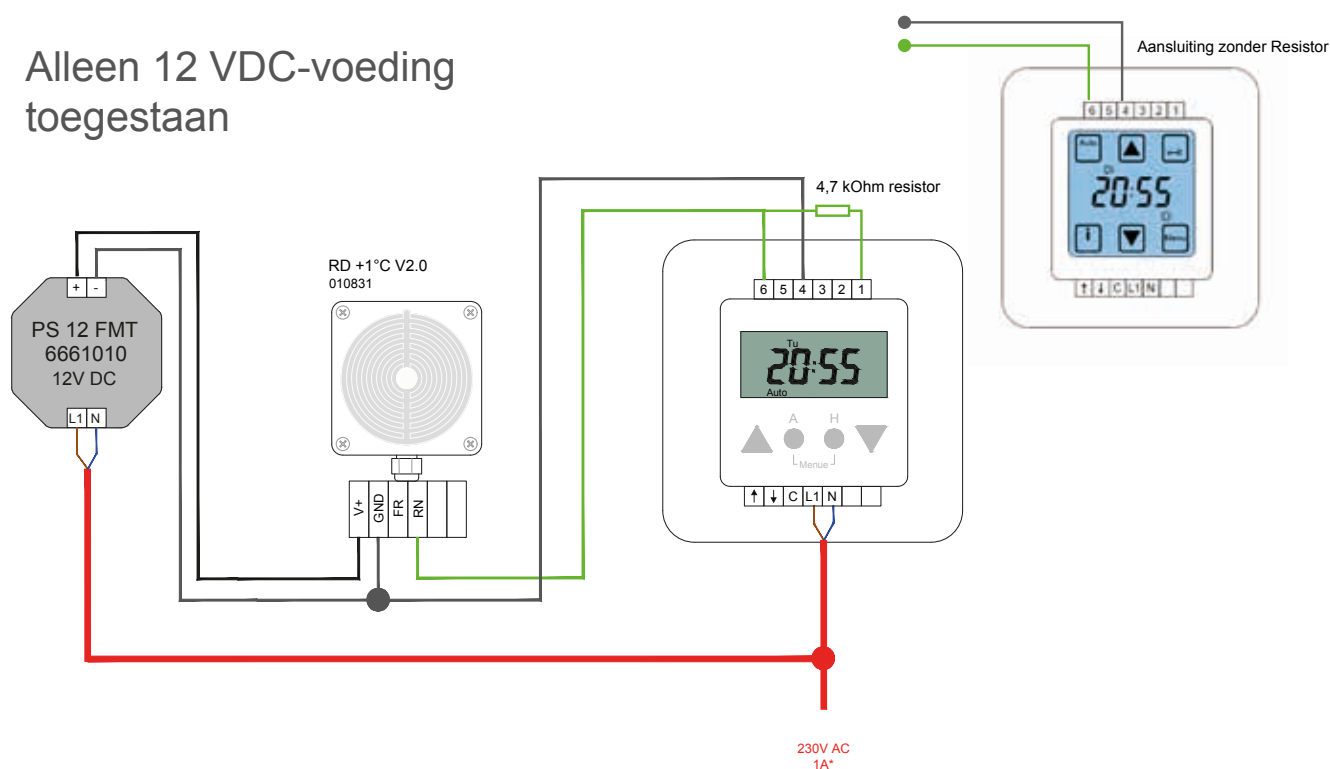
## AANSLUITMOGELIJKHEID OP BREL VESTAMATIC GROUP TOUCH CENTRE 4C/2C

RD +1°C V2.0  
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## AANSLUITMOGELIJKHEID OP BREL VESTAMATIC GROUP WISO QUATTRO / WISO TIME

Alleen 12 VDC-voeding  
toegestaan





## AANSLUITMOGELIJKHEID OP BREL VESTAMATIC GROUP UNI 12/22

RD +1°C V2.0  
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