



DATENBLATT | RD +1°C V2.0

KURZBESCHREIBUNG

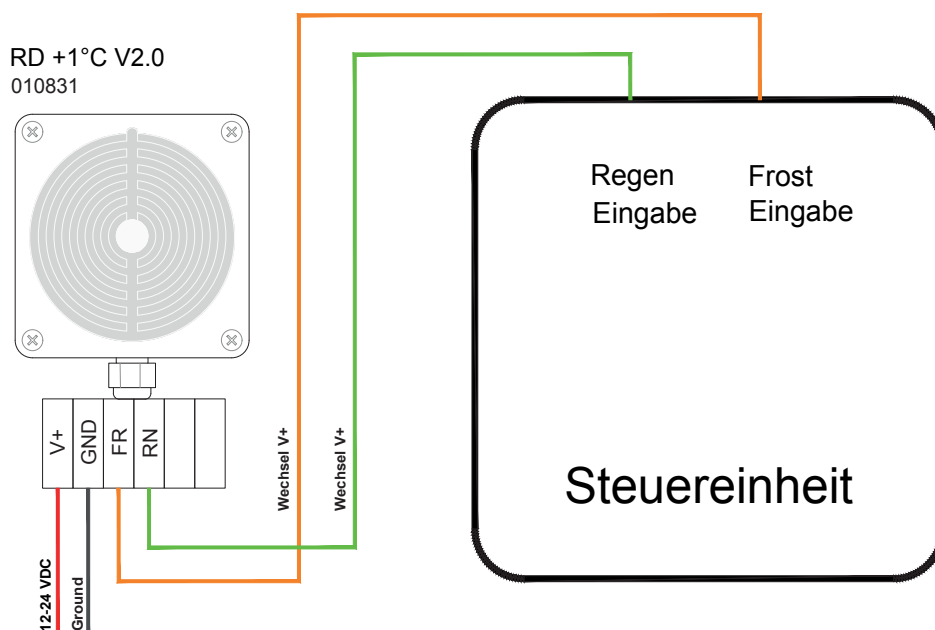
- Niederschlagssensor zur Erkennung von Regen und Frost
- Zum Schutz von Beschattungen im Außenbereich
- Messverfahren: kapazitive Vergleichsmessung
- Regenerkennung bei Außentemperatur über +1 °C
- Frosterkennung bei Außentemperaturen unter +1 °C
- Beheizte Sensoroberfläche zum störungsfreien Winterbetrieb



TECHNISCHE DATEN

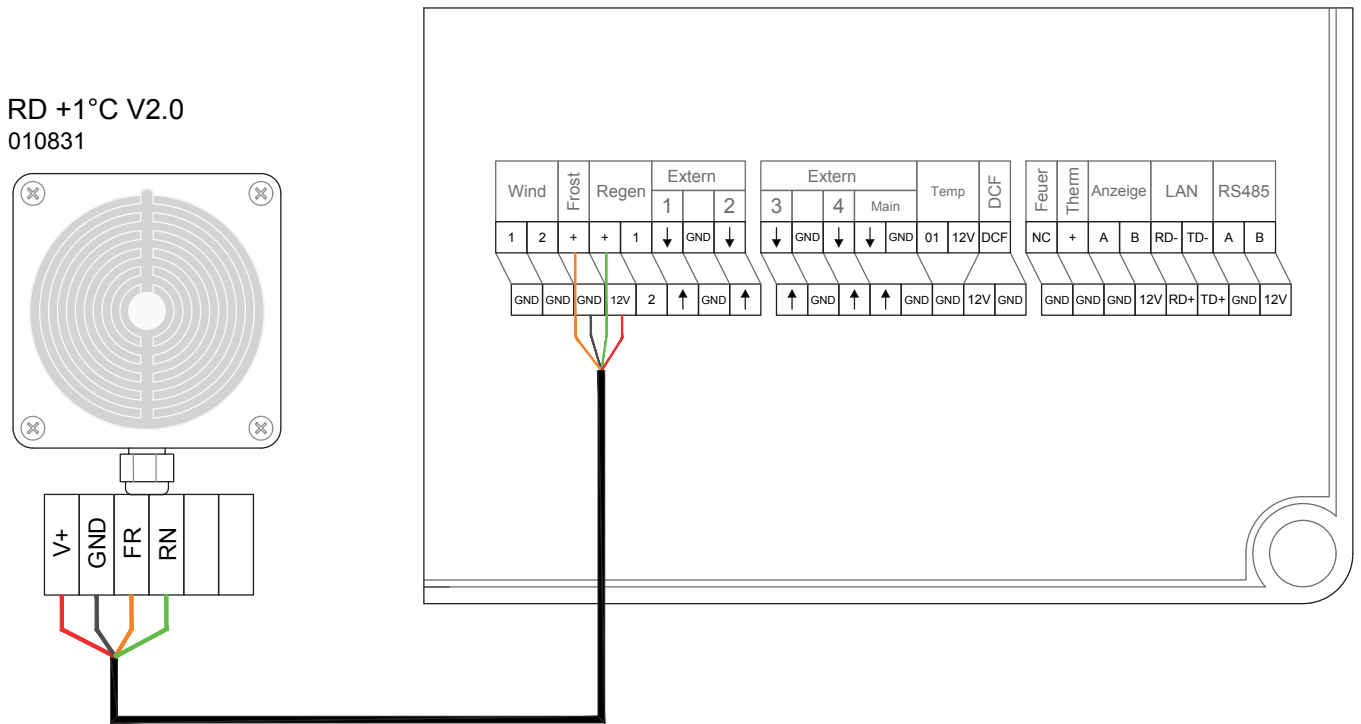
PARAMETER	WERT
Betriebsspannung	12-24 VDC (+10%)
Stromaufnahme bei 12VDC / 24VDC:	mit Heizung: 130 mA / 60 mA ohne Heizung: 13 mA / 9 mA
Schutzart	IP 65
Empfohlener Leitungsquerschnitt	4 × 0,5 mm ²
Max. Leitungslänge: (Regensensor zu Steuergerät)	100 m
Betriebstemperaturbereich:	-30 °C bis +70 °C
Maße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

ANSCHLUSSPLAN



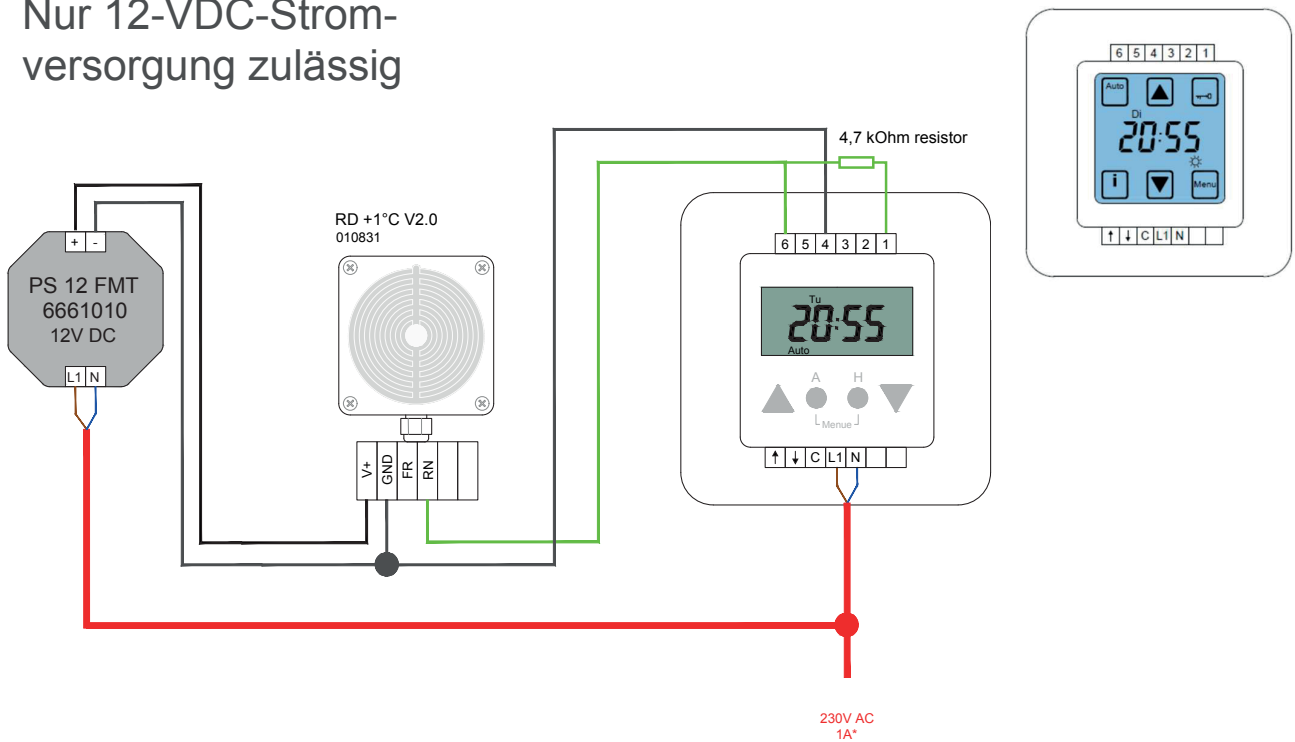


ANSCHLUSSMÖGLICHKEIT AN BREL VESTAMATIC GROUP TOUCH CENTRE 4C/2C



ANSCHLUSSMÖGLICHKEIT AN BREL VESTAMATIC GROUP WISO QUATTRO/ WISO TIME

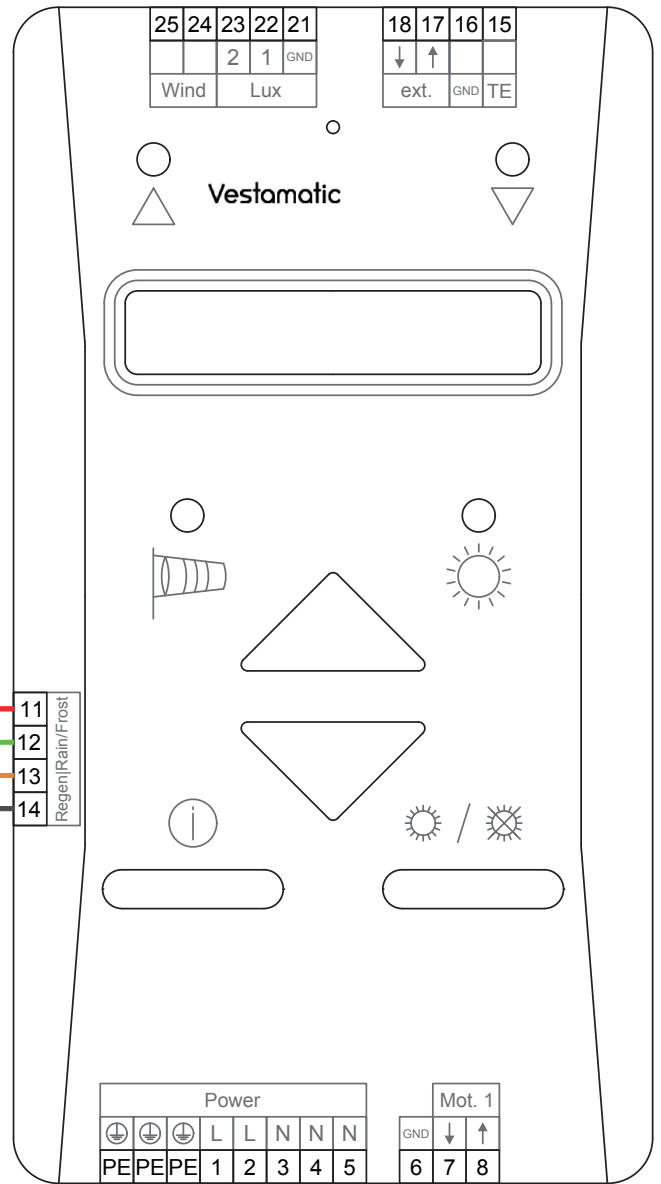
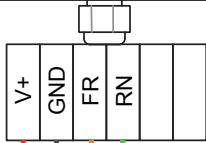
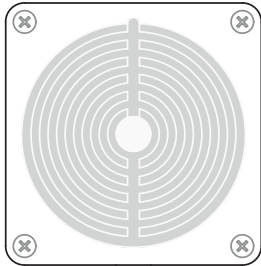
Nur 12-VDC-Stromversorgung zulässig





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DATA SHEET | RD +1°C V2.0

SHORT DESCRIPTION

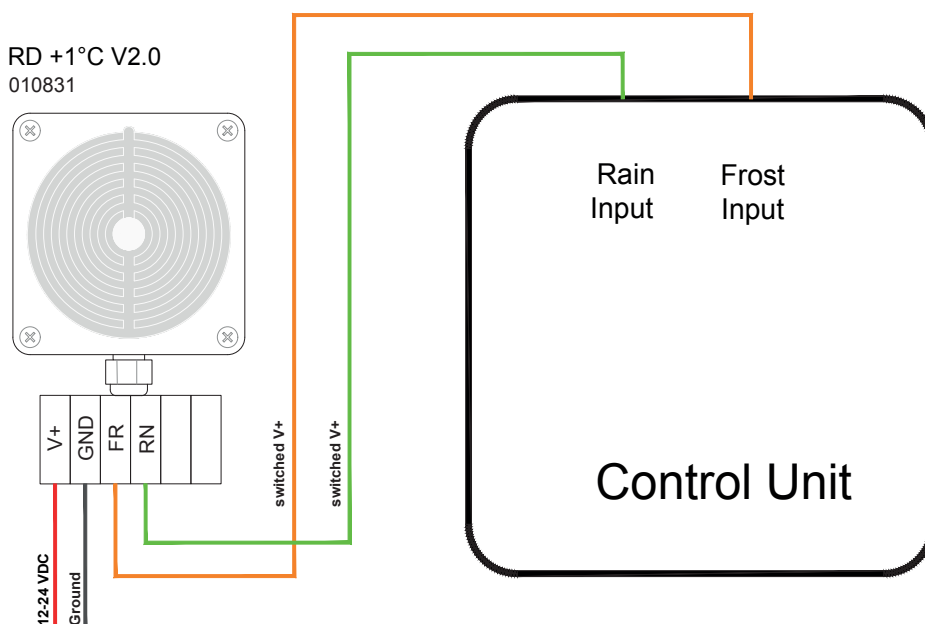
- Precipitation sensor for detecting rain and frost
- For protecting outdoor shading systems
- Measuring method: capacitive comparative measurement
- Rain detection at outdoor temperatures above +1 °C
- Frost detection at outdoor temperatures below +1 °C
- Heated sensor surface for reliable winter operation



TECHNICAL DATA

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

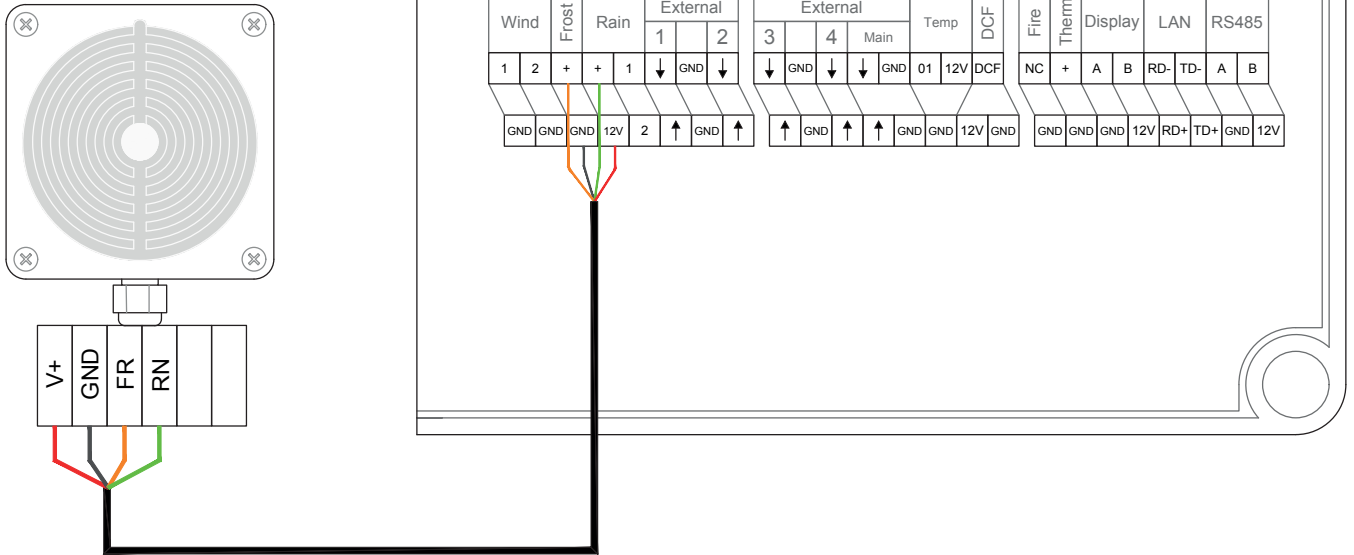
WIRING DIAGRAM





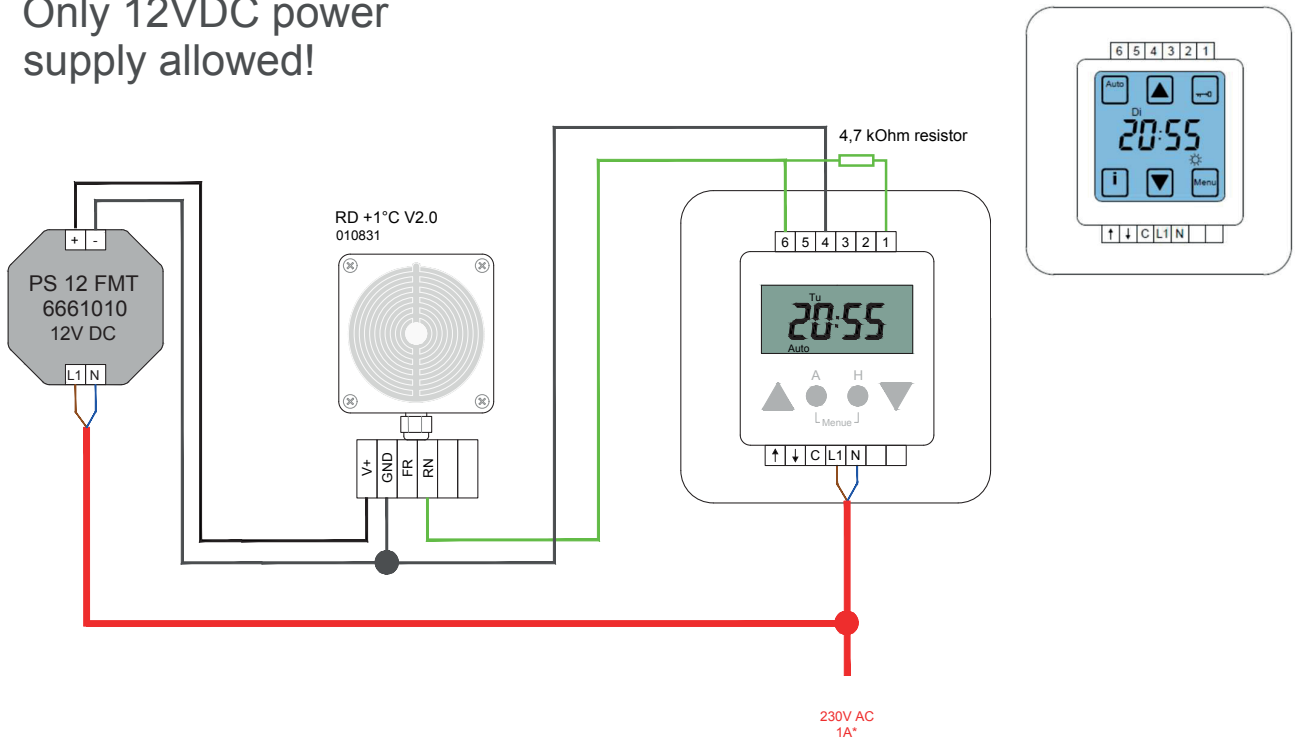
WIRING OPTION FOR BREL VESTAMATIC GROUP TOUCH CENTRE 4C/2C

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WIRING OPTION FOR BREL VESTAMATIC GROUP WISO QUATTRO / WISO TIME

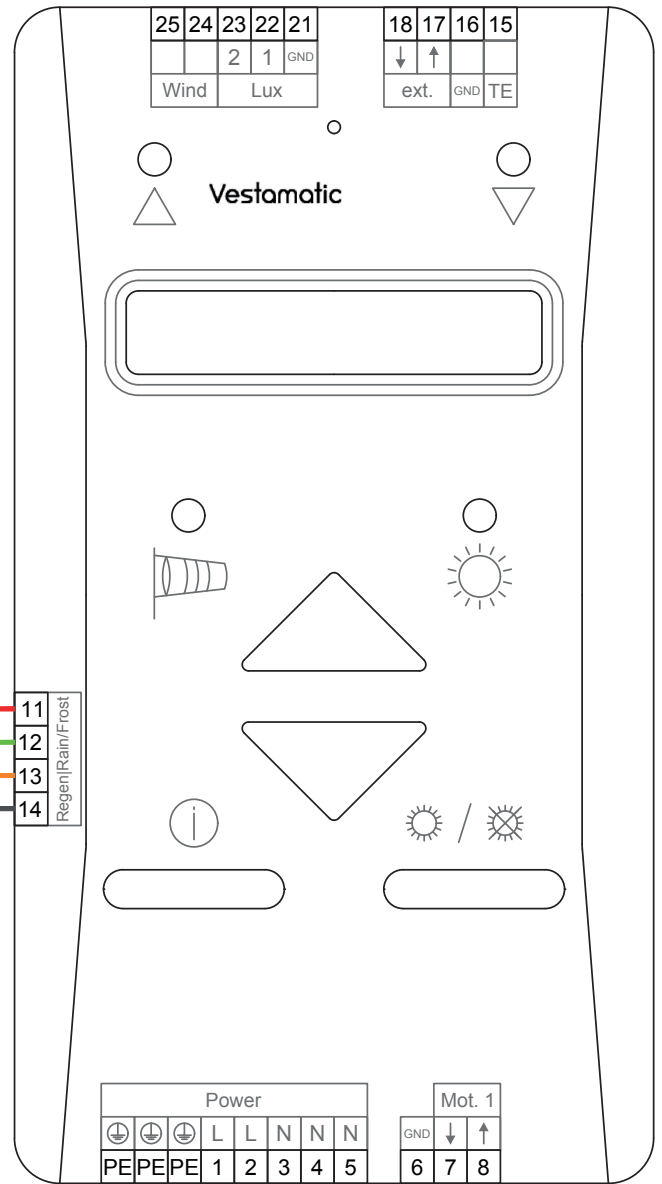
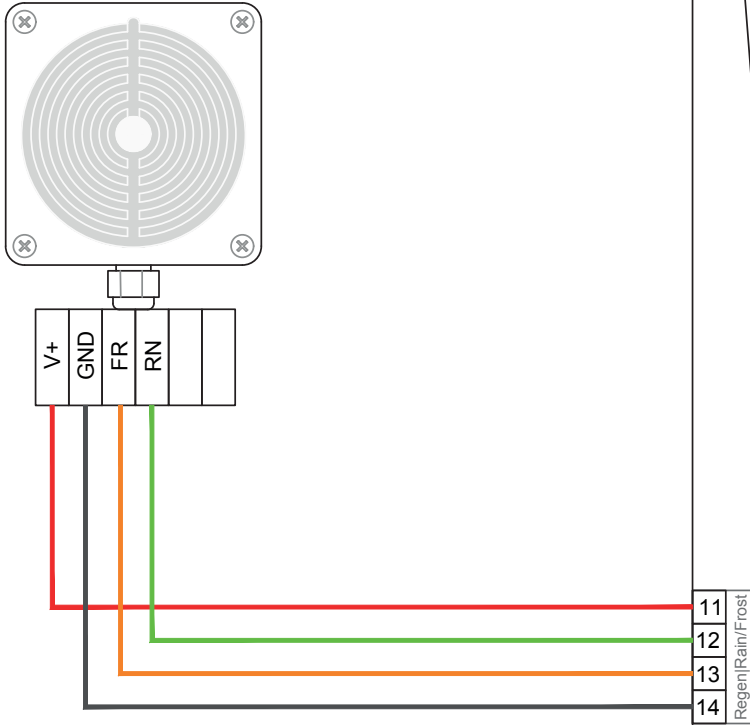
Only 12VDC power supply allowed!





WIRING OPTION FOR BREL VESTAMATIC GROUP UNI 12/22

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GEGEVENSBLAD | RD +1°C V2.0

KORTE BESCHRIJVING

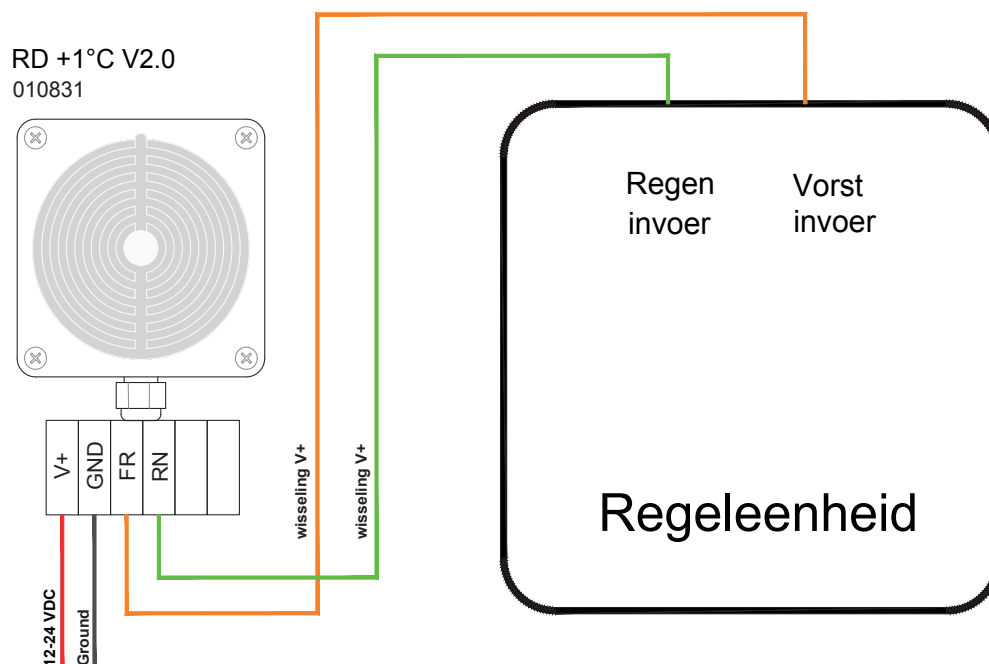
- Neerslagsensor voor detectie van regen en vorst
- Voor bescherming van zonweringen in buitengebied
- Meetprincipe: capacitieve vergelijkingsmeting
- Regendetectie bij buitentemperatuur boven +1 °C
- Vorstdetectie bij buitentemperatuur onder +1 °C
- Verwarmd sensoroppervlak voor storingsvrije winterwerking



TECHNISCHE GEGEVENS

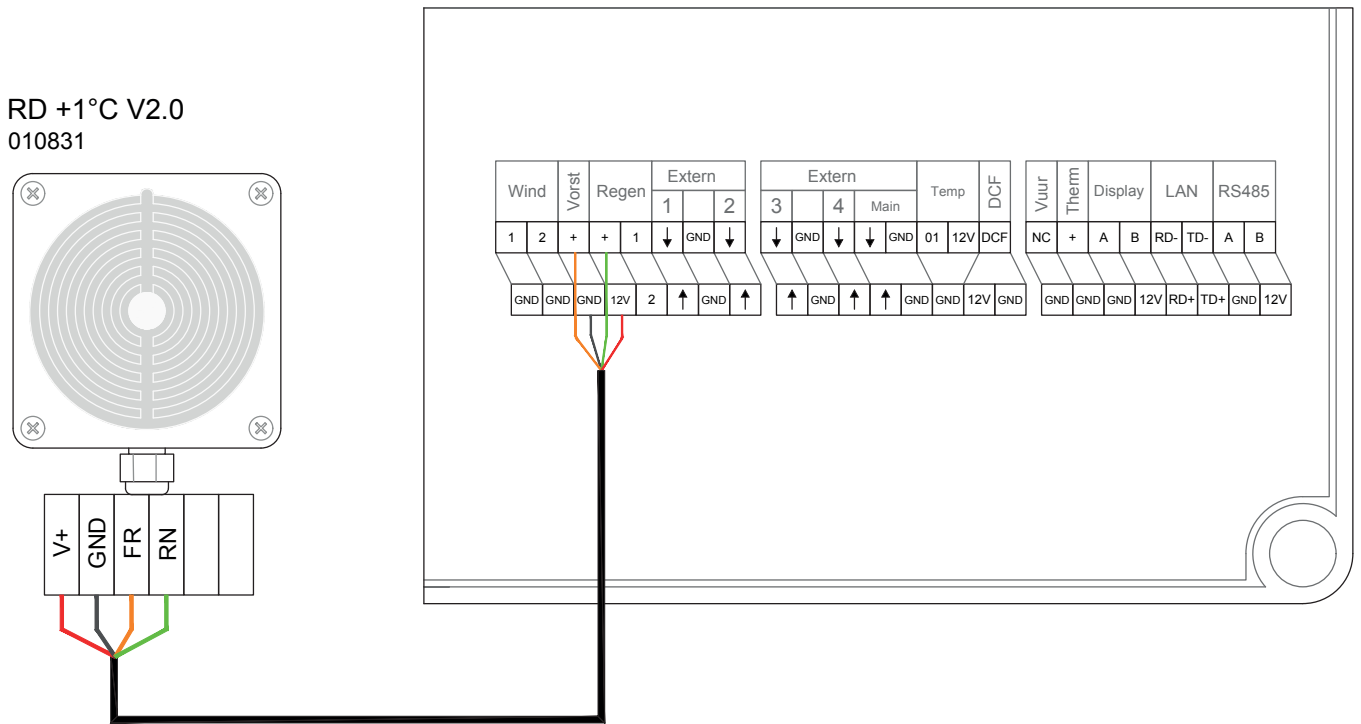
PARAMETER	WAARDE
Voedingsspanning	12-24 VDC (+10%)
Stroomverbruik bij 12 VDC / 24 VDC	met verwarming: 130 mA / 60 mA zonder verwarming: 13 mA / 9 mA
Beschermingsgraad	IP 65
Aanbevolen kabeldoorsnede	4 × 0,5 mm ²
Max. kabellengte (regensensor naar besturing)	100 m
Bedrijfstemperatuurbereik	-30 °C bis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

AANSLUITSCHEMA



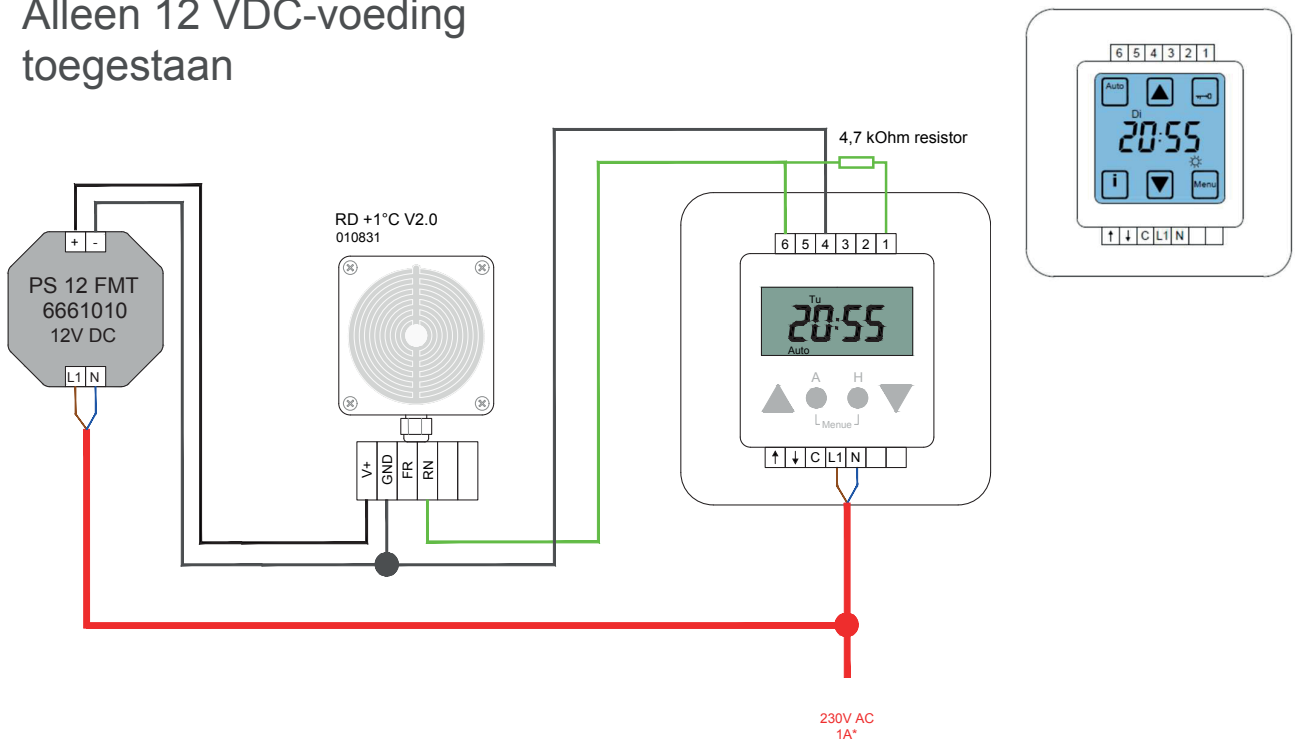


AANSLUITMOGELIJKHEID OP BREL VESTAMATIC GROUP TOUCH CENTRE 4C/2C



AANSLUITMOGELIJKHEID OP BREL VESTAMATIC GROUP WISO QUATTRO / WISO TIME

Alleen 12 VDC-voeding toegestaan





AANSLUITMOGELIJKHEID OP BREL VESTAMATIC GROUP UNI 12/22

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