akribis

DATA SHEET

VVK 2

Produal

Distributed by AKRIBIS



VVK 2 - Water leakage relay



VVK 2 is a water leakage relay that continuously monitors the water leakage sensor's resistance. The water leakage sensor (VVA or VVN) can be attached on the floor of the monitored space, for example.

When the sensor gets wet and the sensor resistance drops below the alarm limit, the relay activates and the alarm light turns on. When the sensor dries and the resistance rises over the alarm limit, the relay releases and the alarm light turns off. If needed, up to ten VVA or VVN sensors can be connected in parallel.

Sensor fault alarm (= alarm light flashes and relay activates) activates when the sensor resistance rises over too high or the sensor is disconnected.

NOTE **Note:** In case of parallel sensors, the sensor fault alarm activates only when the total sensor circuit resistance rises too high. Therefore the device doesn't detect the fault/missing of a single sensor.

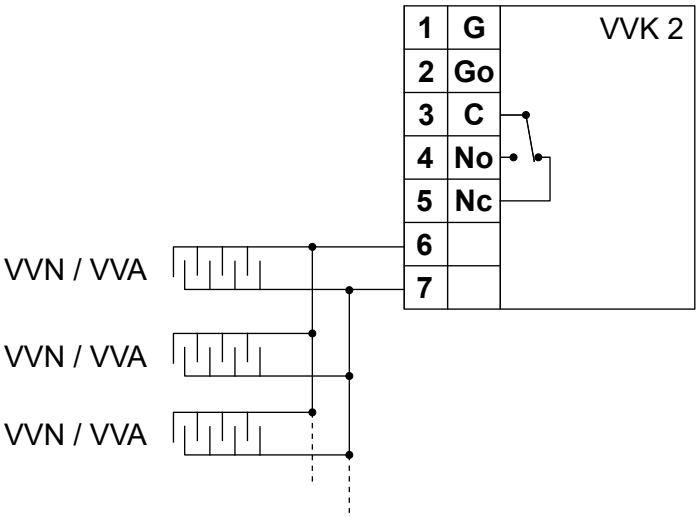
Technical specifications

Property	Value
Supply	24 Vac/dc, 2 VA
Output	Potential free contact, 24 Vac/dc, 2 A
Alarm outputs	
Leakage	Alarm light and relay output
Sensor fault	Alarm light, activates if sensor is disconnected or the resistance is too high
Protection class	IP20
Mounting	On 35 mm DIN rail
Dimensions (w x h x d)	53 x 90 x 61 mm

Wiring

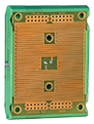
CAUTION **CAUTION:** Device wiring and commissioning can only be carried out by qualified professionals. Always make the wirings while the power is switched off.

AKRIBIS · www.akribis.info · contacts@akribis.info



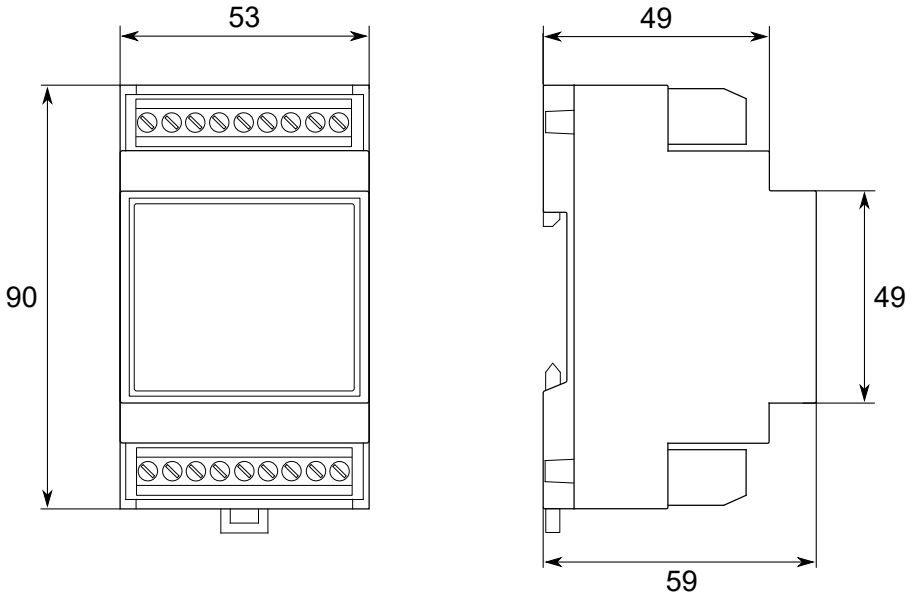
1 / G	24 Vac/dc supply, < 2 VA
2 / G0	0 V
3 / C	Relay output, 24 Vac/dc, < 2 A
4 / No	
5 / Nc	
6	Sensor connection
7	

Ordering information

	Type	Product number	Description
	VVK 2	1187024	Water leakage relay
	VVA 1	1187020	Water leakage sensor with housing
	VVA 2	1187021	Water leakage sensor, 2 m cable
	VVA 3	1187026	Water leakage sensor, 25 x 200 mm with adhesive tape, 2 m cable
	VVN 1	1187025	Water leakage sensor, 1 m cotton tape, 2 m cable
	VVN 2	1187023	Water leakage sensor, 2 m cotton tape, 2 m cable

AKRIBIS · www.akribis.info · contacts@akribis.info

Dimensions



Supported standards and directives

Standard	Description
2014/30/EU	Electromagnetic Compatibility (EMC).
2011/65/EU	Restriction of Hazardous Substances (RoHS2) Directive.
(EU) 2015/863	Commission Delegated Directive, amending Annex II to Directive 2011/65/EU.
EN 61000-6-3:2020	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments.
EN 61000-6-2:2019	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments.

AKRIBIS · www.akribis.info · contacts@akribis.info