

VVK 2 WATER LEAKAGE RELAY AND SENSORS

VVK 2 is detecting continuously the resistance of the sensors fixed e.g. on the floor of the monitored space.

When the sensor(s) becomes wetted and the resistance of the sensor(s) becomes below set point (H or L) the alarms relay and light will be activated. When the sensor is drying and the resistance is exceeding the set point with the hysteresis the alarm relay is releasing and the light will be switched off.

Several sensors may be connected parallel. The resistance of a dry sensor is about 300 kohm.

Sensibility H(igh) or L(ow) must be selected during commissioning.

If the sensor resistance is over 330 kohm will the alarm relay be activated and the alarm light is blinking.

Water leakage sensors can also be adjusted and connected directly to the monitoring system without VVK 2 relay.



Technical data:

supply	24 Vac/dc, 2 VA
setpoint (= sensibility)	< 80 kohm (= H) < 10 kohm (= L)
output	potential free change-over contact 60 V, 2A
setting	L / H
sensor alarm	> 330 kohm
dimensions (w x h x d)	53 x 90 x 61 mm

Wiring:

1	supply	24 Vac/dc
2	supply	0 Vac
3	relay	common
4	relay	normally open contact
5	relay	normally closed contact
6	sensor(s)	> 10-80 kΩ, < 330 kohm
7	sensor(s)	

Ordering guide:

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

Products fulfil the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).

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