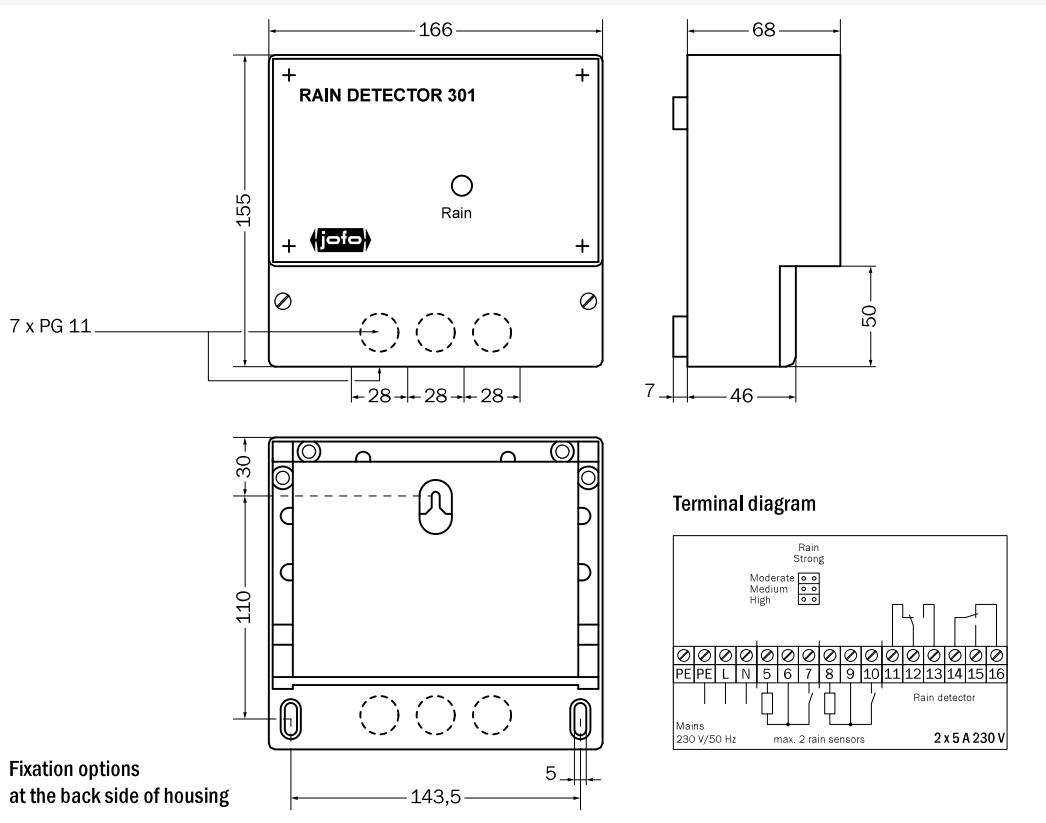


Order designation: Rain detector RM 301


**Short description**

The rain detector device consists of a rain detector unit RM 301 and the rain sensor RS 301 (the RS 301 must be ordered separately). The rain detector system conduces to the automatic closing of electrically operated windows, ventilation flaps, louver systems and similar uses when rain or snow is starting.

When rainwater gets onto the sensor surface of the external rain sensor RS 301, the measuring signal is routed to the rain detector RM 301. After interpretation of this measuring signal by conductometry a switching operation of the output relay is carried out (rain message). A signal lamp in the control panel of the box signals the rain message. After drying of the sensor surface of the RS 301 by the installed heater, the output relays of the RM 301 fall back after a time lag of about 3 minutes.

**Technical data**

Type	RM 301
drop-out delay	approx. 3 minutes
feeder clamps	4 mm <sup>2</sup> unifilar / 2,5 mm <sup>2</sup> fine-strand
exit relays	groups 1 and 2 each with a potential-free changeover contact 230 V AC / 5 A
settings	the rain sensitivity is adjustable in 3 levels by a jumper (low, medium, high) →terminal diagram
housing	surface colour, grey, similar to RAL 7 035 (light grey)
power consumption	max. 11,5 VA
visual display	rain
rain sensors	max. 2 rain sensors RS 301 with heating resistance 470 ohm are lockable sensor supply voltage approx. 18 V AC
temperature range	temperature class 3, as in VdS 2581 (-5 °C up to +40 °C) temperature class 3, as in VdS 2593 (-5 °C up to +40 °C)
power supply voltage	230 V AC / 50 Hz

**Accessories**

rain sensor RS 301	→chapter 11.4, page 415, "Rain Sensor RS 301"
--------------------	---