



(15153)



(15152.1)

When raindrops ...

hit the sensor surface, incidents are registered without delay.

The detector (15153) counts the adjustable incidents, is heated and can therefore transform snow and hail into evaluable measurands.

The rain registrar (15152.1) reacts to wetting with contact conclusion.

The result at any one time is a reliable signal for the beginning and ending of precipitation.

The detectors can control safety systems, locking systems, and protection units.

- ▶ easy to mount
- ▶ protection against snowing in and freezing
- ▶ large temperature range of application
- ▶ includes pole mounting, suitable for wall mounting

building automatization • weather stations

Standard Line

(15152.1) Electronic Indicator for Rain

Id-No. 00.15152.100 002

Measuring element:

sensor surface • contact conclusion by wetting

Measuring value:

precipitation yes/no

Sensor surface:

18 cm²

Range of application:

temperatures -30...+60 °C

Switch-on delay:

< 0.5 s signal output · 15 s heating

Supply voltage:

11...28 V_{AC} or 11...32 V_{DC} max. 0.75 A

Signal output:

semiconductor relay · max. 36 V_{DC} · max. 0.5 A · potential-free/electrically isolated/galvanically isolated · precipitation „no“ = output activated · precipitation „yes“ = output opened · sensor „off“ (no supply voltage) = output opened

Protection class:

IP 66 acc. to DIN 40050

Abmessungen/ Gewicht:

77 x 49 x 25 mm · approx. 150 g

Professional Line

(15153) Electronic Indicator for Precipitation

Id-No. 00.15153.000 002

Measuring element:

light barrier system • single-pole change-over gate

Measuring range:

yes/ no of precipitation • size of the drop ≥ 0.2 mm

Sensor surface:

25 cm²

Range of application:

temperatures -25...+55 °C

Signal-/ Switch-off delay:

none/ 25...375 s adjustable

Switch-on conditions:

1...15 events in 50 seconds

Supply voltage:

24 V_{AC/DC} • ± 15%

Breaking capacity:

230 V_{AC} / 4 A

Protection class:

IP 65 acc. to DIN 40050

Dimensions/ Weight:

130 x 140 x 40 mm • approx. 400 g

Accessory:

00.15152.124 000 Power supply unit for (15152.1) and (15153)