

BF30 – Rain Sensor mod. BFSP02

GENERAL

CHARACTERISTICS

This device is designed to detect the rainfall by means of an external probe containing internal heating elements and connected to the control unit through four wires. The output is fitted with an exchange contact without voltage, which is activated by rainfall.

The control unit, mounted in a modular container, allows for the adjustment of delay time upon output activation, output deactivation and adjustment of the level of sensitivity of the external probe. The front panel is fitted with three LEDs that indicate the presence of power supply, the output status and the presence of rain. The external probe comes with a stainless steel fastening stirrup for installation of the probe in either a vertical or horizontal position.

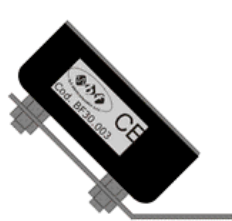
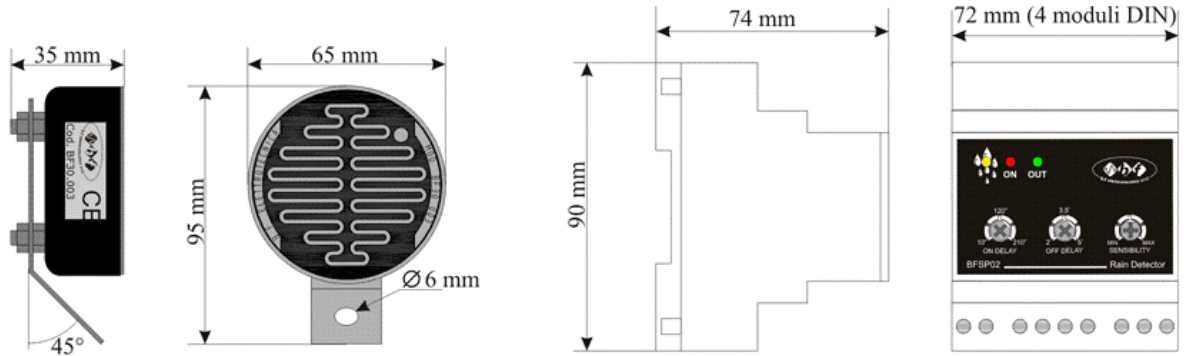


TECHNICAL

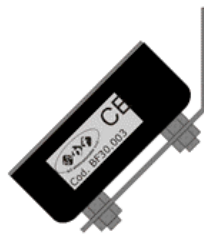
CHARACTERISTICS

Supply voltage	24 V 50Hz
Consumption	12 VA
Type of output	1 relay, exchange contact in a no - voltage state 3A
Output activation delay time	10 – 210 seconds
Output deactivation delay time	2 – 5 minutes
Time setting	Front trimmer
Sensitivity level setting	Front trimmer
Display of control unit status	Three LEDs on the front panel (rain, on, out)
Control unit function range	0-45 °C with 0-90% humidity
Connection of external probe	4-wire connection (max. recommended distance 30m)
Display of external probe	LED indicating presence of power supply
Type of connections (control unit)	2.5 mm ² screw clamps
Type of control unit installation	Mounted on DIN bar (4 modules)
Control unit protection level	IP20
External probe protection level	IP65

DIMENSIONS & WIRING DIAGRAM



Installazione orizzontale



Installazione verticale

LEGENDA:

INSTALLAZIONE ORIZZONTALE= HORIZONTAL INSTALLATION

INSTALLAZIONE VERTICALE= VERTICAL INSTALLATION

4 MODULI DIN= 4 DIN MODULES

IDENTIFICATION CODES

BF30.001

Rain sensor mod. BFSP02 complete with external probe.

BF30.003

Spare external probe.