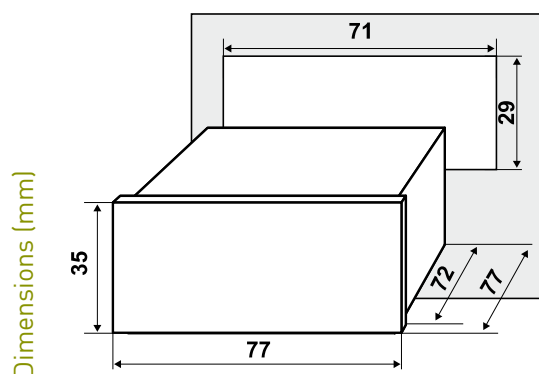


L22

Humidistats, flush mounting (panel)

For humidification or dehumidification systems with 1 outlet



	Sensor	Num out-puts	Power supply	Measuring range RH%	Resolution RH%	Measuring accuracy (0-100 RH%)	Degree of protection
L22E11A	1 probe LS160A excluded	1	12Vac/dc	0 - 100	1	<± 0.7	IP55
L22EM1A	1 probe LS160A excluded		230 Vac				

ELECTRICAL CHARACTERISTICS

Output on single-pole relay in deviation.
Contact rating 16(4)A 240 Vac.
Power consumption 2W.

REGULATIONS AND APPROVALS

Compliant with EN60730-1, EN60730-2-9, EN55022 (CLASS B), EN50082-1.

INSTALLATION

Flush mounting (panel) with fixing brackets.

OPERATION

Type of control: can operate in ON/OFF or PID mode.

ON/OFF control: in ON/OFF mode the output is ON or OFF depending on the input humidity, setpoint (1SP) and hysteresis value (1HY). The hysteresis indicates the amplitude of the deviation of the setpoint humidity to reactivate the output.

PID control: in PID mode the output is ON for a fraction of cycle time 1CT.

The cycle time characterises the dynamics of the system to be controlled and influences the accuracy of the control.

Proportional control.

Integrative proportional control.

FEATURES

Configurable parameters:

- dehumidification or humidification function by assigning positive or negative sign to the differential respectively;
- minimum or maximum setpoint limits;
- ON or OFF status of the output in the event of a defective probe.

Operating temperature -10 to 50°C.

Degree of protection IP55 (if correctly installed in panel with sealing gasket).

ACCESSORIES



LS160A
Probe RH%
scale range from 0 to 100 %RH



LT312U
Transformer
230/12V 50-60Hz 3VA