SA-5 10



Five-step speed switch

SA-5 10 Ref. no. 40229

Five-step switch for surface mounting. For five-step control of EC fans or frequency inverters. Steps from 2 to 10 V can be set via offset. Protection class IP54.
Casing: plastic, white
Dim. mm: W 106 x H 137 x D 56

DDS



Differential pressure switch DDS

DDS Ref. no. 00445

Area of application

- ▢ Complete, installation set for monitoring air filters, system pressure and fan operation.
- ▢ Suitable for DDC applications due to the gold-plated connection contacts (24 V DC/0.1 A). When used in conventional technology (230 V AC/1.5 A), subsequent use in DDC applications is no longer possible.
- ▢ Suitable for applications according to VDI 6022.

Function

Adjustable normally closed / normally open contact for monitoring drops in pressure and thus the contamination of air filters, fan pressure increases and ventilation system pressure levels.

Product range

Complete ready-to-install set consisting of:

- Differential pressure switch DDS
- 4 fixing screws
- 2 hose connections
- Connection hose Ø 6 mm x 1.5 mm x 2000 mm
- Drilling template for connections
- Mounting plate + 3 fixing screws
- 3 screw terminals

Technical data

Adjustable meas. range	50 – 500 Pa
Switching differential Δp	20 Pa
Max. operating overpressure	5 kPa
Load capacity	230 V AC 1.5 (0.4) A 24 V DC 0.1 A
Ambient temp.	–20 to +85 °C
Air flow temp.	–20 to +85 °C
Humidity	0 ... 50 % RH, non-condensing
Protection category	IP54
Dimensions mm	Ø 104, D 58
Weight approx.	0.23 kg
Wiring diagram no.	490

TME 1



One-stage thermostat TME 1

TME 1 Ref. no. 01334

Area of application

- ▢ Robust, electronic thermostat for temperature-dependent on/off control of fans or heating elements.
  Suitable for installation in humid and dusty rooms.

Function

- ▢ One-stage control thermostat for direct switching of one or more fans or for heating control.
- ▢ Potential-free change-over contact (cooling/heating).

Description

- ▢ Closed casing made of break-resistant plastic, light grey. Cable insertion on underside of casing M20.
- ▢ Connection via terminal block after removal of casing cover.

Technical data

Voltage	230 V~, 50/60 Hz
Load capacity	250 V~
Max. current (AC 1/3)	6 A
Temperature range	0 to +50 °C
Switching accuracy	+/- 2 K at 25 °C
Protection class	II
Protection category	IP54
Ambient temp.	0 to +60 °C
Wiring diagram no.	1639
Connect. cable	NYM-O 4 x 1,5 mm²
with M20 cable gland:	
Dim. mm	W 70 x H 125 x D 60
Weight approx.	0.140 kg
without cable gland:	
Dim. mm	W 70 x H 90 x D 60
Weight approx.	0.124 kg

HY 3



Ventilation hygrostat

HY 3 Ref. no. 01359

Ventilation hygrostat

HY 3 SI Ref. no. 01360

Internal scale.

Area of application

- ▢ Electromechanical humidity controllers for on/off fan control (control using contactor for 3~ three-phase current types), which reduce the room air humidity with the adequate air exchange.

Description

- ▢ Universally applicable hygrostat in elegant plastic casing for surface-mounted installation. Colour white.
- ▢ Setpoint adjustment from outside via rotary knob. Via internal scale for type HY 3 SI.
- ▢ Not suitable for dusty or aggressive air.
- ▢ Sensor element made of polyamide fibres.
- ▢ Also suitable for humidification with optional connection.

Technical data

Relative operating range	
Humidity	30 to 90 %
Switching differential approx.	± 8 %
Voltage max.	250 V~, 50/60 Hz
Load capacity	3 A (ind.)
Ambient temperature	0 – 50 °C
Protection category	IP30
Dim. mm	W 76 x H 76 x D 34
Weight approx.	0.088 kg
Wiring diagram no.	168.1

HY 3 SI

