

Single-Phase-Regulator SPR



Single - Phase - Regulator SPR

- Speed control of single-phase motors
- Robust aluminium casing
- Protection class IP44 or IP54
- Motortemperature monitoring
- Device temperature monitoring
- Short circuit protection
- Fast and easy operations
- Preset settings
- Integrated Line In filter

The Single-Phase-Regulator SPR was constructed for all single-phase motors with start and operation capacitor and is easy to use. The SPR is available from 0.09 kW till 1.5 kW.

By its compact design, the SPR is mountable in almost applications.

The protection class IP44 or IP54 protects its electronics for a wide range of applications.

The rotation speed of the single-phase motor is adjustable by the integrated set point potentiometer. Further the device is deactivated by the integrated main switch.

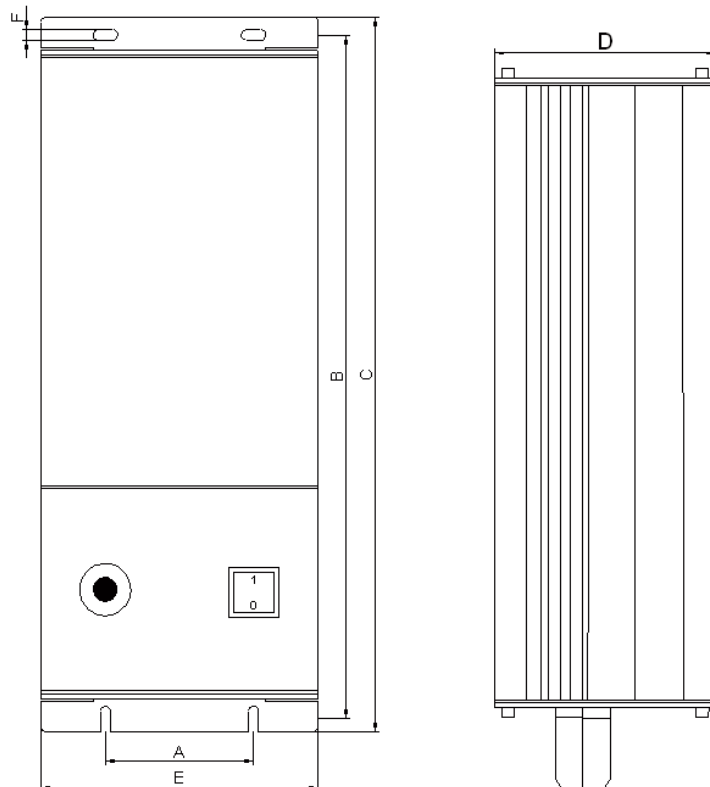
An additional digital input for START / STOP is available for external sensors.

The connected motor is protected by the motor temperature monitoring if a temperature sensor was mounted. It can be a Bi-metal or thermistor.

The applications are: blower, exhauster, air conditioning

Type	SPR 090	SPR 120	SPR 180	SPR 250	SPR 370	SPR 550	SPR 750	SPR 1100	SPR 1500
Motor power	0,09 KW	0,12 KW	0,18 KW	0,25 KW	0,37 KW	0,55 kW	0,75 kW	1,1 kW	1,5 kW
Rated output current	1,1 A	1,3 A	1,5 A	2 A	2,9 A	4,2 A	5,4 A	7,4 A	9,8 A
Power supply	230 V	230 V	230 V	230 V	230 V	230 V	230 V	230 V	230 V
Protection class	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44
Ambient temperature	0 – 40°C	0 – 40°C	0 – 40°C	0 – 40°C	0 – 40°C	0 – 40°C	0 – 40°C	0 – 40°C	0 – 40°C
Humidity	20 – 90%	20 – 90%	20 – 90%	20 – 90%	20 – 90%	20 – 90%	20 – 90%	20 – 90%	20 – 90%
Power loss	20 Watt	24 Watt	28 Watt	30 Watt	36 Watt	40 Watt	45 Watt	80 Watt	100 Watt

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Type	Dimensions SPR 0,09 kW - 1,5 kW
A	65 mm
B	237 mm
C	250 mm
D	70 mm
E	112 mm
F	5 mm

subject to qualifications