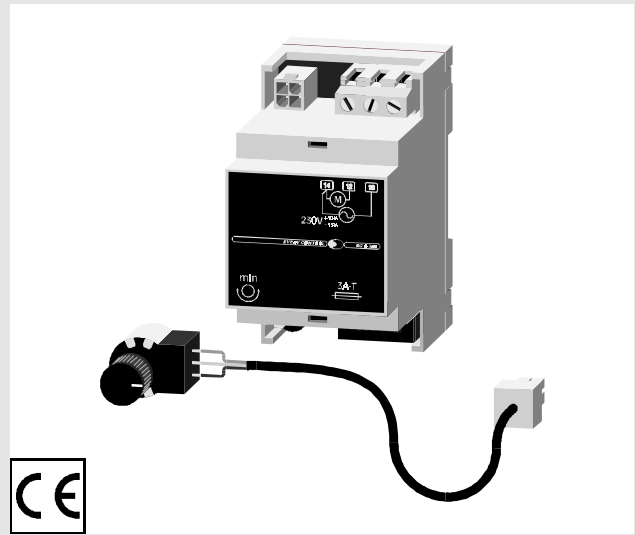


# EC 6-300

## Speed regulator for monophasic fans



**Available power supply:** 230 Vac.  
**How to order:** see HOW TO ORDER from page 6 to page 7.

### WHAT IS THE USE

EC 6-300 is a speed regulator for monophasic fans studied to regulate the fans number of revolutions. There are a potentiometer for the number of revolutions regulation (the regulation happens proportionally operating on the phase choking through triac, with antinoise filter) and a trimmer for the minimum functioning speed setting. EC 6-300 is available in the 53 x 90 mm (2.08 x 3.54 in., 3 DIN modules) case and it is studied for DIN standard rail installation.

### TECHNICAL DATA

- Case:** plastic grey (PPO), self-extinguishing.
- Size:** 53 x 90 x 58 mm (2.08 x 3.54 x 2.28 in., 3 DIN modules).
- Installation:** on DIN EN 50022 standard rail installation according with DIN 43880 norms.
- Type of protection:** IP 40.
- Connections:** double line male connector (to potentiometer), screw terminal block with pitch 7.5 mm (0.29 in., power supply and fans) for cables up to 2.5 mm<sup>2</sup> (0.38 in.<sup>2</sup>); the regulator interfaces itself to the potentiometer through a 3 x 0.75 mm<sup>2</sup> (0.11 in.<sup>2</sup>) three poles cable 1,000 mm (3.28 ft.) long ended on a double line female connector.
- Ambient temperature:** from 0 to +60 °C (+32 to +140 °F, 10 ... 90 % of not condensing relative humidity).
- Power supply:** 230 Vac, 50/60 Hz, 2 VA.
- Insulation class:** II.
- Output voltage:** 60 ... 230 Vac.

### ELECTRICAL CONNECTION

