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FEATURES:

- Triac, phase angle controller
- 10...200W, suitable loads: resistor, fan motor and transformer
- Base level adjustment
- 0...10V or 4...20mA control
- Galvanic isolation
- Rail base mountable
- EMC tested

EM-162 is a triac phase angle controller. The unit works fine with both resistive and inductive loads due to advanced triggering technique. Suitable loads include for example lamps, resistors, fan motors and transformers. Base level adjustment can be used to set the start level 0-25%. This function is useful especially in lighting and fan usage. The control stage is galvanically isolated from power stage, which means the unit is easy to connect to a part of an automation system. The power stage is equipped with a fuse, the control stage is protected against over voltage and reversed polarity.

TECHNICAL DATA

Supply	190-265Vac
Current consumption	1A max.
Load	10-200W
Control range	0-99%
Base level adjustment	0-25%
Aux. voltage	12-30Vdc
Aux. v. current	20mA max
Control	0-10V / Rin 100k 4-20mA / Rin 180R
Control start	100mV / 4.2mA
Fuse	T1.6A
Isolation voltage	1500Vrms
Operating temp	-10...50°C
Dimensions	90,60,36mm
Weight	approx. 70g

