



ECAN1-10-AC

Ceiling Fan Speed Controller

Description

The ECAN1 controllers are specially developed to control ceiling fans. They feature four speed settings that operate in parallel to vary the supply voltage to the motor. The controllers are suitable for both inset mounting (IP44) and surface mounting (IP54).

Key Features

- Four speed settings and two OFF positions (0–4–3–2–1–0)
- Extra quiet motor operation
- Fuse 5*20 mm (spare fuse included)

Area of Use

- Control of ceiling fans with voltage-controllable motors
- For indoor use only

Technical Specifications

Supply voltage	230 VAC / 50–60 Hz
Regulated output	12–230 VAC
Maximum load	150 W
Operating conditions	
Temperature	0–35 °C
Relative humidity	< 100 % rH (non-condensing)
Enclosure	
Material	Acrylonitrile Styrene Acrylate (ASA) plastic
Colour	White
Protection standard	
Inset mounting	IP44 (according to EN 60529)
Surface mounting	IP54 (according to EN 60529)

Standards

- Low Voltage Directive 2014/35/EU
- Electromagnetic Compatibility (EMC) Directive 2014/30/EU
- WEEE Directive 2012/19/EU
- Commission Delegated Directive (EU) 2015/863 (RoHS 3) of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances



Article Code

Knob position	0	4	3	2	1	0
Regulated output [VAC]						
Motor voltage*	0	230	108	60	12	0

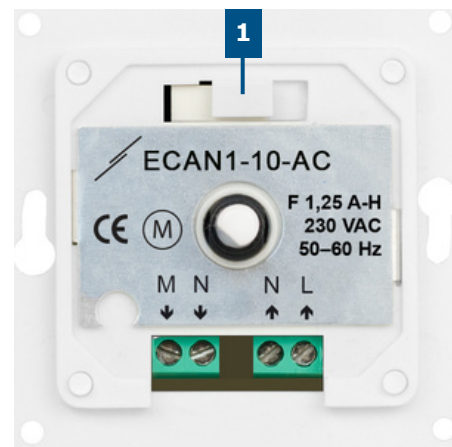
* These values represent average output voltages. The actual regulated output voltage varies depending on the load characteristics and power factor (cos φ) of the connected fan/motor.



Article Code

Article code	Rated maximum current [A]	Fuse (5*20 mm) [A]
ECAN1-10-AC	1	F-1,25 A-H

Wiring and Connections



M	Regulated output to motor, line
N	Regulated output to motor, neutral
N	Supply voltage, neutral
L	Supply voltage, line
Connections	Cable cross section: max. 2,5 mm²

Settings

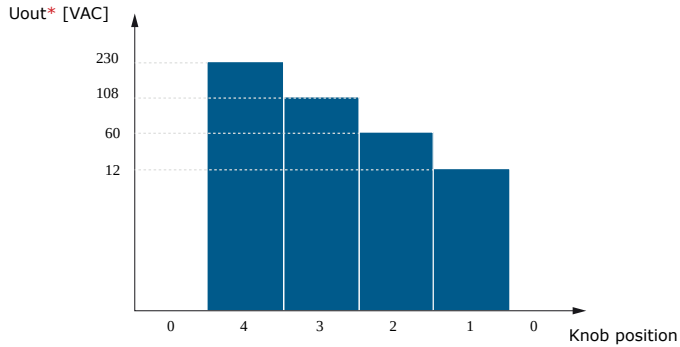
1. Fuse holder	with a spare fuse
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ECAN1-10-AC

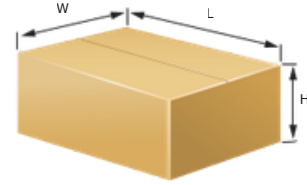
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Operational Diagrams



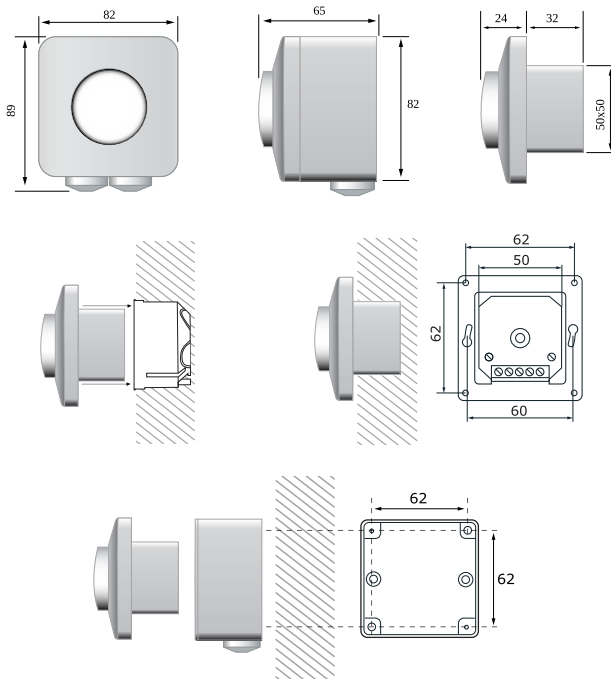
* These values represent average output voltages. The actual regulated output voltage varies depending on the load characteristics and power factor ($\cos \phi$) of the connected fan/motor.

Packaging



Article code	Packaging	Length [mm]	Width [mm]	Height [mm]	Net weight [kg]	Gross weight [kg]
ECAN1-10-AC	Unit (1 pc)	85,50	95,50	70,50	0,18	0,20
	Carton (10 pcs)	492	182	84	1,82	2,17
	Box (60 pcs)	590	380	280	10,92	14,01
	Half pallet (960 pcs)	1.200	800	1.290	174,72	241,96
	Pallet (1.680 pcs)	1.200	800	2.160	305,76	411,88

Fixing and Dimensions



Global Trade Item Numbers 14 (GTIN 14)

Article code	Unit	Carton	Box
ECAN1-10-AC	5401003002179	5401003300657	5401003500958

