

Datasheet

VENTILATOR ACTOR
230VAC +/- 10%, 50Hz
FLUSH Mounted, max.
100W Art.
1630.03141/65100



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Description

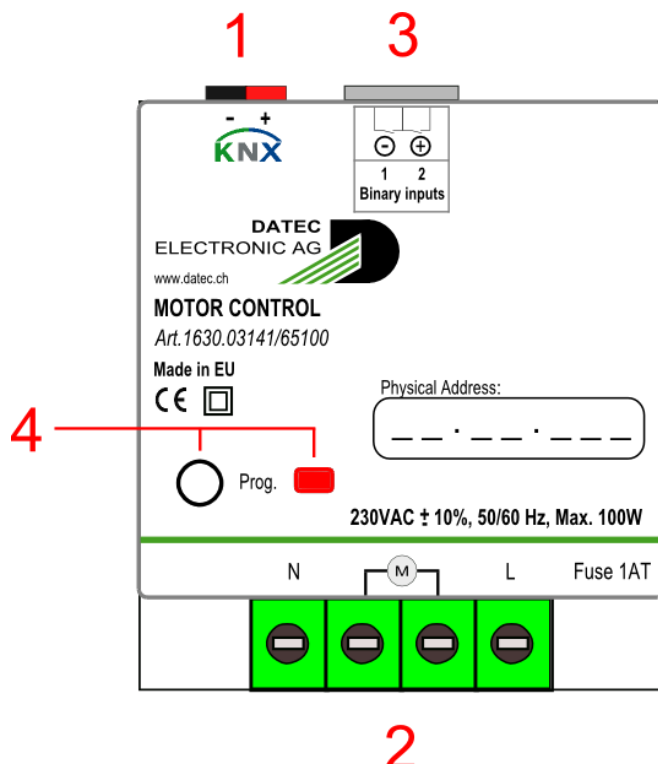
The **VENTILATOR ACTOR** is flush mounted KNX-device, for controlling ceiling fans in offices, hotel rooms, etc.

The speed can be controlled via KNX buttons or control systems as well as via buttons connected to special inputs of the VENTILATOR ACTOR device.

The ceiling fan must be equipped with a standard motor, without any control electronics. If multi-stage fans are used, the fan must be switched to the highest level during commissioning (for example, use a cord to switch to the highest setting, and then remove the cord).

Functional description

- Ceiling fan actuator controls the speed via phase control
- 230VAC is protected by 1A T fuse
- Single output for ceiling fan with standard motor
- The mains voltage is not required for downloading the application
- Power failure detection
- Local binary inputs for the speed change. 3.3VDC with 10kOhm series resistance are available from the device. Only potential-free contacts are required
- Optional for flush mounting or DIN rail mounting using DIN holder (to be ordered separately)
- Operating temperature -5 ° C ... + 45 ° C
- Dimensions cca. 50.2 x 46.7 x 29.4mm
- Weight 48g



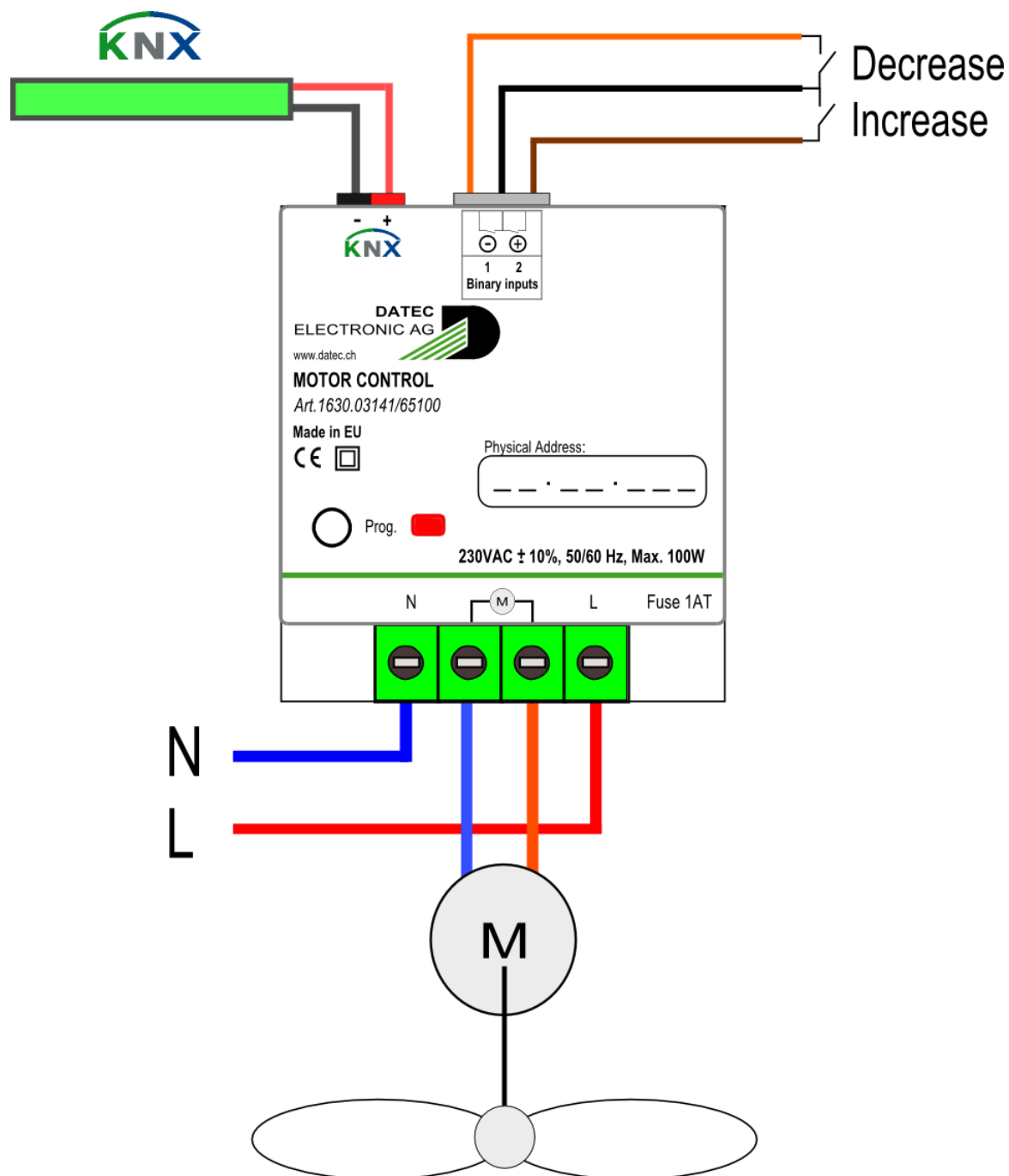
Terminals

1. KNX Bus
2. Mains Input and Motor
3. Local Binary Inputs
Buttons und LED-s
4. KNX-Programming button and LED

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Flush-VENTILATOR ACTOR - Art. 1630.03141/65100

Application example: VENTILATOR ACTOR for variable ceiling fan speeds



Technical Data

Hausing	50.2 x 46.7 x 29.4mm
Montage	Flush mounted
Hausing-Material	ABS V0
Protection degree	IP20
Weight	48g
Operating temperature	-5°C ... +45°C
Terminals Mans voltage and Motor	Pluggable srew terminals, 17.5A 250V
Wire section	1.5mm ² (16AWG)
Screw	M3
Max. torque	0.5Nm (4.5 in.lbs)
Terminal size	2.5 x 2.1mm
Terminals KNX Bus	
KNX	Pluggable micro terminal, Red/Black, 4 pole PUSH WIRE For conductor solid wire 0.6-0.8 ² mm ²
Supply	230VAC +/-10%, 50Hz
Protection	Fuse, 10.1 x 3mm, 1A Delay T, 250VAC, IEC 60127-4/2
Max. Leakage current	< 1mA
KNX	Max. 15mA Current consumption from bus
Local Binary Inputs	Potential free Closing contact
Power supply from the device to Binary Inputs	3.3VDC, max. 0.33mA (10kOhm intern)
Cabling	Plug-in able 3 cables, 100mm Lenght, AWG22
Motor-Output	230VAC, Phase control dimmed
Power	Max. 100W
EMV	Only for standard motor, without any control electronics
	EN 61000-4-2 EN 61000-4-3
	EN 61000-4-4 EN 61000-4-5
	EN 61000-4-6 EN 61000-4-11
	EN 55022 Klasse B