KNX fan coil actuator

Specification	Order No.	Packing unit	PS	EAN
 DRA plus	2163 00	1	26	4010337059387

Features

- Fan coil actuator for operation of ventilator convectors (fan coil units), implemented for room air conditioning.
- The actuator receives telegrams, for example from room temperature controllers, and converts corrected variable telegrams into equivalent fan speeds and valve positions.
- Connection of a ventilator convector with up to six ventilator gradations or connection of two ventilator convectors each with up to three fan speeds with double pipe systems.
- Manual actuation.
- Building site operation: Outputs can be operated manually without bus voltage with operating voltage only.
- Operating modes for heating or cooling mode, or combined heating/cooling mode.
- Double tube or quadruple tube operation. Double tube system heats or cools via a shared water cycle. Quadruple tube system consists of separate flow and return for heating and cooling.
- Individual or hierarchic switching of fan speeds.
- Feedback, output indication, block function for each channel, level limitation.
- Behaviour after bus voltage failure or bus/mains voltage failure and following an ETS programming process can be configured.
- Limit values can be set.
- Cyclical or event-oriented transmission.
- Free channels can be used for switching functions, e.g. for room lighting

Technical data

KNX medium:	TP256
Switching contact:	µ contact, 1 x zero-voltage NO contact
Switching capacity AC 230 V:	10 A / AC1 or 10 A / AC3
Maximum switch-on current	
- 200 µs:	800 A
- 20 ms:	165 A
Connected load	
- Ohmic load:	2300 W
- Capacitive load AC 230 V:	10 A, max. 140 µF
- Light bulbs:	2300 W
- HV halogen lamps:	2300 W
- Wound transformer:	1200 VA

Illustrations are similar and may deviate from originals.

- Gira Tronic transformer:	1500 W
- Fluorescent lamps, uncompensated:	1000 VA
- Fluorescent lamps, duo-circuit:	2300 VA
- Fluorescent lamps, parallel-compensated:	1160 VA
- Mercury-vapour lamps, uncompensated:	1000 W
- Mercury-vapour lamps, parallel-compensated:	1160 W

Connections	
- KNX:	Connection and junction terminal
- Load:	Screw terminals
Connections:	max. 4 mm²

Notes

- VDE approval in accordance with EN 60669-1, EN 60669-2-1.
- Installation on DIN top-hat rail.

Scope of supply

- KNX connection and junction terminal included in the scope of supply.

Dimensions

Modular widths (MW):	4
