


Dimming actuator, 4-gang for KNX

New



Specification	Order No.	Packing unit	£/piece without VAT	PS	EAN
 DRA plus	2174 00	1		26	4010337082224

Features

- Dim actuator with integrated bus coupler.
- Automatic or manual selection of dimming principle according to load.
- Idle-state, short-circuit, and excess temperature-proof
- Manual actuation of the outputs independent of the bus (building site operation also possible).
- Several outputs can be wired in parallel to increase output power.
- Parallel switching of several outputs to a load of 950 W possible. Do not connect LED or compact fluorescent lamps to dimming outputs connected in parallel.
- Building site operation: Outputs can be operated manually without bus voltage with operating voltage only.

Functions

- Central switching function for control of all dimming channels.
- Delay for actively transmitted feedback messages following bus voltage recovery.
- Feedback for "switching" and "brightness value".
- Dimming behaviour and dimming characteristics can be parameterised.
- Switch-on behaviour for a relative dimming command can be parameterised.
- Bulb-saving switch-on and switch-off
- Automatic setting and scaling of the dimmable brightness range when using universal power boosters.
- The performance of a dimming channel in the "OFF" state during reception of a relative dimming command can be parameterised (switching and dimming or no response).
- Alarm telegrams for short circuit, overload, and load failure.
- Feedback of connected load type.
- Block function or forced setting function can be parameterised for each output.
- Time functions (switch-on/off delay, staircase light function).
- Staircase light function with advance warning function via time-controlled reduction of lighting or activation of permanent lighting.
- Linking function and up to eight scenes per dimming channel possible.
- Elapsed operating time meter for recording switch-on time.
- Reactions after bus voltage failure and recovery can be set.

Technical data

KNX medium:	TP1-256
Rated voltage:	AC 110 to 230 V, 50/60 Hz
Max. connected load (AC 230 V) per channel	
- Light bulbs:	20 to 250 W
- HV halogen lamps:	20 to 250 W
- Wound transformer:	20 to 250 VA
- Tronic transformer:	20 to 250 W
- Wound transformer with NV-LED:	20 to 100 VA
- electronic transformer with NV-LED:	typically 20 to 100 W
- HV LED lamps:	typ. 3 to 50 W
- Compact fluorescent lamp:	typ. 3 to 50 W
Connected load (AC 110 V) per channel	
- Light bulbs:	20 to 120 W
- HV halogen lamps:	20 to 120 W
- Wound transformer:	20 to 120 VA
- Tronic transformer:	20 to 120 W
- Wound transformer with NV-LED:	20 to 50 VA
- electronic transformer with NV-LED:	typically 20 to 50 (100) W
- HV LED lamps:	typ. 3 to 24 W
- Compact fluorescent lamp:	typically 20 to 40 (75) W
Parallel switched outputs:	
Connections	
- KNX:	Connection and junction terminal
- Load:	Screw terminals
Connections:	max. 4 mm ²
Modular widths (MW):	8

Notes

- Power extension using Gira power boosters.
- Installation on DIN top-hat rail.
- VDE approval in accordance with EN 60669-1, EN 60669-2-1.

Scope of supply

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