

KNX dimming actuator 4-gang Standard 4 x 225 W/VA



Specification	Order No.	Packing unit	PS	EAN
DRA	2015 00	1	66	4010337073345

Features

- Dim actuator with integrated bus coupler.
- Switching and dimming of light bulbs, HV halogen lamps, dimmable HV-LED lamps, dimmable compact fluorescent lamps, dimmable inductive transformers with LV halogen or NV-LED lamps, dimmable electronic transformers with LV halogen or NV-LED lamps.
- 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.
- Temporary status display can be activated, link via communication object possible across several actuators.
- Power extension using power boosters.
- To simplify configuration, all existing dimming channels can be assigned to the same parameters in the ETS and hence identically parametrised.
- Actively transmitting feedback or status messages can be delayed globally after a bus voltage recovery or ETS programming operation.

Dimming outputs

- Independent switching and dimming of the dimming outputs.
- The load type can be specified and the dimming principle defined: Universal (with automatic calibration procedure), electronic transformer (capacitive/trailing edge), conventional transformer (inductive/leading edge), LED (leading edge) or LED (trailing edge).
- Dimming characteristic curve per channel configurable in time and value range for adaptation to the respective connected load.
- Dimmable range can be set: Switch-on brightness, basic brightness and upper dimming limit.
- Performance on receipt of an absolute brightness value can be set (dimming, brightening, fading).
- Performance during relative dimming up in switched-off state can be set (switch channel on, no reaction).
- Switching feedback: Active (transmitting to the bus cyclically or when there is a change) or passive (object can be read out) feedback function.
- Blocking function can be parametrised for each channel.
- Time functions (switch-on delay, switch-off delay).
- Staircase light function with advance warning function via time-controlled reduction of lighting or activation of permanent lighting.
- Can be integrated in the light scenes: Up to 16 internal scenes can be parametrised per output.
- Delay time for scene retrieval can be configured.
- Dimming performance can be set when a new scene is called up (brightening, dimming, fading).
- Visual feedback when saving a scene.
- Brightness value feedback: Active (transmitting to the bus cyclically or when there is a change) or passive (object can be read out) feedback function.

- For active feedback objects, the type of update can be set (when the input object is changed or when the feedback value is changed). This allows visualizations to be adapted individually.

Technical data

KNX medium:	TP256
Rated voltage:	AC 110 to 230 V, 50/60 Hz
Max. connected load (AC 230 V) per channel	
- Light bulbs:	20 to 225 W
- HV halogen lamps:	20 to 225 W
- Wound transformer:	20 to 210 VA
- Tronic transformer:	20 to 225 W
- Wound transformer with NV-LED:	20 to 100 VA
- electronic transformer with NV-LED:	typically 20 to 200 W
- HV LED lamps:	typically 1 to 200 W
- Compact fluorescent lamp:	typically 20 to 150 W
Connected load (AC 110 V) per channel	
- Light bulbs:	20 to 110 (120) W
- HV halogen lamps:	20 to 110 (120) W
- Wound transformer:	20 to 110 VA
- Tronic transformer:	20 to 110 (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:	typically 1 to 18 (100) W
- Compact fluorescent lamp:	typically 20 to 40 (75) W
Connections	
- KNX:	Connection and junction terminal
- Load:	Screw terminals
Connections:	max. 4 mm ²

Notes

- VDE approval in accordance with EN 60669-1, EN 60669-2-1.
 - The maximum connected load depends on the operating mode selected (leading edge or trailing edge). You will find more detailed information in the operating instructions.
 - Power extension using Gira power boosters.
 - Installation on DIN top-hat rail.
 - KNX Data Secure compatible.
 - Fast application download (long frame support).
 - Firmware can be updated using the Gira ETS Service App (additional software).
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Scope of supply

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

Modular widths (MW): 4
