

ACTUATOR

Dimming Actuators

KNX Dimming Actuator

KNX Dimming Actuator 2 Gang 300W DM102



KNX Dimming Actuator 4 Gang 250W DM104



■ MAIN FEATURES

- 2 channel and 4 channel versions
- Dimming range 0–100%
- For dimming incandescent lamps, low voltage and high voltage halogen lamps, Dimmable CFL and Dimmable LED Driver loads
- Device and KNX bus module can be swapped independently of each other.
- Removable KNX bus module enables devices to be changed without reprogramming.

- LED channel status indicator for each channel
- Manual operation on device (even without bus connection)
- Dimming output: 300W per channel for 2 channels version, 250W per channel for 4 channels version.
- Automatic load type detection (can be deactivated)
- For R, L and C load

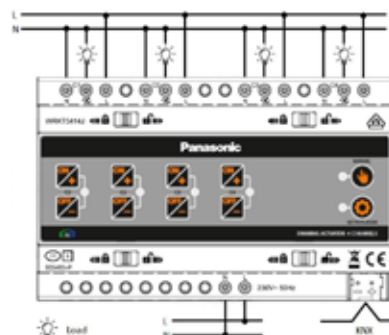
■ TECHNICAL DATA

KNX Medium	TP1	
Mode of commissioning	S-Mode	
KNX supply	21–32V DC	
Mains supply	230V AC	
Mains frequency	50Hz	
Installation type	DIN rail	
Mounting width	4 Channels – 144 mm (8 modules) 2 Channels – 72 mm (4 modules)	
Ambient temperature	–5°C...+45°C	
Storage temperature	–25°C...+55°C	
Trasportation temperature	–25°C...+70°C	
Connection		
KNX	KNX bus terminal	
Mains and outputs	Screw terminals	
Max. cable cross section	Single wire: 1.5 mm ² to 4 mm ² or 2 x 1.5 mm ² to 2x2.5 mm ² Stranded wire without ferrule: 0.75...4 mm ² Stranded wire with ferrule: 0.5 mm ² to 2.5 mm ²	
Max Loads	DM102 [2 channels]	DM104 [4 channels]
Incandesant & Halogen HV	300W (200W in inductive mode)	250W (200W in inductive mode)
Halogen LV (Ferromagnetic Trasformer)	300VA (Capacitive mode not allowed)	250VA (Capacitive mode not allowed)
Halogen LV (Electronic Trasformer)	300VA (Inductive mode not recommended)	250VA (Inductive mode not recommended)
Dimmable LED (Retrofit) & CFL	300VA (30VA in inductive mode, auto calibration mode not recommended)	250VA (30VA in inductive mode, auto calibration mode not recommended)

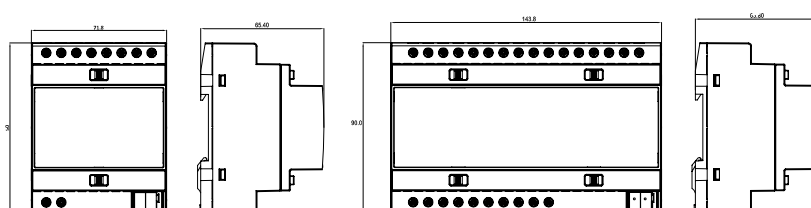
■ PRODUCT CODES

PRODUCT	PRODUCT CODES
KNX Dimming Actuator 2 Gang 300W DM102	WRKT5512E5NC
KNX Dimming Actuator 4 Gang 250W DM104	WRKT5414J5NC

■ CONNECTION



■ DIMENSIONS



* The maximum load declaration is under ambient temperature 25°C, and maximum mains voltage 230V AC/ 50Hz.
If ambient temperature is over 25°C, the maximum load should be reduced.