Switching actuator, 8-gang 16 A with manual actuation and current measurement for C-load, for KNX

Specification	Order No.	Packing unit	PS	EAN
 DRA	1046 00	1	66	4010337042273

DRA switching actuators with integrated bus coupler. For switching independently controllable groups of loads. With manual switch for switching over the relay (On/Off) parallel or without KNX operation. Multi-phase connection. No additional power supply required.

Features

- Manual actuation of the relay separately from the bus or the switching position indication.
- NO contact or NC contact operation.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the recovery of bus voltage.
- Logical linking function for each output.
- Blocking function can be parametrised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on and switch-off delay, staircase light function – also with pre-warning function).
- Integration in light scenes is possible, eight internal scenes at the most can be parameterised per channel.
- Memory function for light scenes.
- Elapsed-hours meter as forward/backward counter with limit function (limit can be changed via bus) can be activated for each output.
- Input monitoring for cyclical updating with safety setting.
- Reactions in case of bus voltage failure and restoration can be set for each channel following an ETS programming process.
- The switching contacts of the switching actuator, 8-gang, C-load are especially designed for loads with a capacitive character, and therefore conditional, brief, high switch-on currents (see Technical Data).
- The switching actuator has an integrated current detection.
- A current measurement can be carried out for each channel.
- Current detection: Measurement of load current for each channel.
- Threshold values for load monitoring (e.g. load failure notification).
- Independent switching of the eight outputs.

Technical data

KNX medium:	TP256
Connections	
- KNX:	Connection and junction terminal
- Load:	Screw terminals

Illustrations are similar and may deviate from originals.

Relay	
- Quantity:	8
- Contact:	1 x zero-voltage NO contact each, flip-flop
Breaking capacity 230 V AC:	16 A / AC1 or 16 A / AC3
Switching capacity 400 V AC:	10 A / AC1 or 10 A / AC3
Maximum switch-on current:	600 A, 150 µs, 300 A, 600 µs
Connected load	
- Ohmic load:	3680 W
- Capacitive load 230 V AC:	16 A, max. 200 µF
- Light bulbs:	3680 W
- HV halogen lamps:	3680 W
- Wound electronic transformer:	2000 VA
- Tronic transformer:	2500 W
- Fluorescent lamps, uncompensated:	3680 VA
- Fluorescent lamps,lead-lag circuit:	3680 VA
- Fluorescent lamps, parallel-compensated:	2500 VA
- Mercury-vapour lamps, uncompensated:	3680 W
- Mercury-vapour lamps, parallel-compensated:	3680 W
Connection cross section:	Max. 4 mm²
Current detection:	0.25 to 16 A sine
Current detection:	50/60 Hz

Notes

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

Scope of supply

- Connection and junction terminal for KNX included with delivery.

Dimensions

Modular width (MW):	8
