


KNX/EIB switching actuator, 4-gang 16 A with manual activation and current measurement for C loads



Specification	Order No.	Packing unit	PS	EAN
 DRA plus	1045 00	1	26	4010337042266

Technical data

Switching contact:	Relay with 4 x zero-voltage closing contacts
Loading capacity	16 A/AC 1 or 16 A/AC 3
AC 230 V:	
Loading capacity	10 A/AC 1 or 10 A/AC 3
AC 400 V:	
DC switching capacity:	16 A/24 V
Max. switch-on current:	600 A, 150 µs 300 A, 600 µs
Connected load:	3680 W ohmic load 16 A, max. 200 µF capacitive load AC 230 V 3680 W light bulbs 3680 W HV halogen 2000 VA LV halogen, wound transformer 2500 W LV halogen, Gira Tronic transformer 3680 VA fluorescent lamps, not compensated 3680 VA fluorescent lamps duo-circuit 2500 VA fluorescent lamps, parallel-compensated 3680 W mercury-vapour lamps, uncompensated 3680 W mercury-vapour lamps, parallel compensated
Current detection:	0.25 to 16 A sine 50/60 Hz
Connections:	KNX/EIB via connection and branch terminal 0595 00 load via screw terminals 0.2 to 4 mm ² single-wire 2 x 0.2 to 2.5 mm ² single-wire 0.75 to 4 mm ² fine-wire without core jacket 0.5 to 2.5 mm ² fine-wire with core jacket
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

Information

Product family: Output
Product type: Binary output, 4-gang

4-gang DRA switching actuator with integrated bus coupler. For switching four independently controllable groups of loads. The switching contacts of the switching actuator, 4-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. Installation on DIN top-hat rail. With manual switch for switching over the relay (On/Off) parallel or without KNX operation. No additional power supply. The ETS3.0d (or higher) is recommended for configuring and starting up the device. Multi-phase connection. Functions:- Independent switching of the 4 outputs.

- Manual activation of the relay independent of the bus/switching position display.
- 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 return of bus voltage.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in light scenes possible, maximum of 8 internal scenes 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.
- Current detection: Measurement of load current for each channel.
- Threshold values for load monitoring (e.g. signalling of load failure).