


	Order no.	Packing unit	PS
	Instabus KNX/EIB switching actuator, 4-gang 16 A with manual activation and current measurement for C loads		
	DRA plus	1045 00	1 26

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 cap rail. With manual switch for switching over the relay (On/Off) parallel or without KNX/EIB operation. No additional power supply. The ETS3.0d is recommended for configuring and commissioning the device. Multi-phase connection. Functions:

- Independent switching of the 4 outputs.
- Manual actuation 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).

Switching contact: Relay with 4 x zero-voltage closing contacts

Loading capacity

AC 230 V: 16 A/AC 1 or 16 A/AC 3

Loading capacity

AC 400 V: 10 A/AC 1 or 10 A/AC 3

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

	Order no.	Packing unit	PS
	Instabus KNX/EIB switching actuator, 6-gang 6 A		
	DRA plus	1008 00	1 26

Connections:

Instabus via connection and branch terminal **0595 00**

load via screw terminals

0.2 to 4 mm² single-wire

2 x 0.2 to 2.5 mm² single-wire


0.75 to 4 mm² fine-wire without core jacket

0.5 to 2.5 mm² fine-wire with core jacket

Dimensions:

DRA device, 4 depth modules

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	Instabus KNX/EIB switching actuator, 6-gang 6 A		
	DRA plus	1008 00	1 26

Product family: Output

Product type: Binary output, 6-gang

6-gang DRA switching actuator with integrated bus coupler.

For switching six independently controllable groups of loads.

Installation on DIN cap rail. Multi-phase connection.

Features which can be set via software:

- outputs can be configured as NO contacts or NC contacts
- Selection of preferred position for bus voltage failure and return
- switch-on and/or switch-off delay or time-switch function for each channel can be set separately
- 6 outputs can be assigned 2 objects i.e. switching and response
- In addition, 4 outputs can be assigned an additional function: linking, block function or forced setting
- Response object can be inverted

Switching contact: Relay with 6 x zero-voltage closing contacts

Load capacity: 230 V AC/6 A

Multi-phase connection

1000 W light bulbs

500 VA fluorescent lamps, uncompensated (cos φ = 0.5)

1000 VA fluorescent lamps, dual switching

2 x 58 VA fluorescent lamps, parallel-compensated

Connections: Instabus via connection and branch terminal **0595 00**

load via screw terminals

0.2 to 4 mm² single-wire

2 x 0.2 to 2.5 mm² single-wire

0.75 to 4 mm² fine-wire without core jacket

0.5 to 2.5 mm² fine-wire with core jacket

Protection type: IP 20

Dimensions: DRA device, 4 depth modules

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