PS PS Order Packing unit Order Packing unit

Instabus KNX/EIB switching actuator, 4-gang 16 A with manual activation and current measurement for C loads 1045 00 26 DRA plus 1

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
- 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: Loading capacity AC 400 V:

DC switching capacity:

Max. switch-on current:

Connected load:

16 A/AC 1 or 16 A/AC 3

10 A/AC 1 or 10 A/AC 3

16 A/24 V 600 A, 150 μs 300 A, 600 μs 3680 W ohmic load

16 A, max. $200 \mu F$ 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

0.25 to 16 A sine Current detection:

50/60 Hz

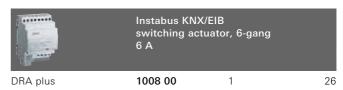
Connections: Instabus via connection and branch

> terminal 0595 00 load via screw terminals 0.2 to 4 mm² single-wire 2 x 0.2 to 2.5 mm² single-wire

 $0.75\,to\,4\,mm^2$ 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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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

Connected load:

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

DRA device, 4 depth modules Dimensions:

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