

	Order no.	Packing unit	PS
	Instabus KNX/EIB switching actuator, 16-gang 16 A/ blind actuator, 8-gang 16 A with manual activation		
	DRA plus	1038 00	1 26

Product family: Output

Product type: Binary output, 16-gang

Depending on the parameter settings, the actuator can be used as a switching actuator (max. 16-gang) or as a blind actuator (max. 8-gang). Mixed configurations of switching and blind actuator are also possible. For the blind actuator function, two neighbouring relay outputs are combined to form one blind output. Switching state display for each relay. Manual activation for switching over the relays in parallel or without Instabus operation. Central switch-off with manual activation possible. With integrated bus coupling. Installation on DIN cap rail. Different phase conductors may be connected to the outputs. The ETS3.0d is recommended for configuring and commissioning the device.

Functions of blind actuator outputs:

- Independent control of up to 8 blind outputs.
- Behaviour after bus voltage failure and return can be set.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Central control of all blind outputs possible.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Feedback can be delayed until after the return of bus voltage.
- Assignments to up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.
- Forced setting function can be realised for each blind output.
- Solar protection function with fixed and variable curtain or slat positions can be activated.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.

Functions of switching actuator outputs:

- Independent switching of the up to 16 switching outputs.
- NO contact or NC contact operation can be set.
- Behaviour after bus voltage failure and return can be set.
- 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 scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.

Operating voltage: 230 V AC, 50/60 Hz

Switching contact: Relay with 16 x zero-voltage closing contacts

Loading capacity 16 A/AC 1

AC 230 V: 16 AX

Max. switch-on current: 800 A, 200 μ s

165 A, 20 ms

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Connected load:			

3000 W ohmic load
16 A, max. 140 μ F capacitive load AC 230 V
1380 VA motors (blind or fan)
3000 W light bulbs
2500 W HV halogen
1200 VA LV halogen, wound transformer
1500 W LV halogen, Gira Tronic transformer
1000 VA fluorescent lamps, not compensated
2300 VA fluorescent lamps duo-circuit
1160 VA fluorescent lamps, parallel-compensated
1000 W mercury-vapour lamps, uncompensated
1160 W mercury-vapour lamps, parallel compensated

Connections:

Instabus via connection and branch terminal **0595 00**
load via screw terminals
1.5 to 4 mm² single-wire
2 x 1.5 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, 8 depth module

Wind sensor Standard 0913 00 → Page 411.

Instabus connection and branch terminal 0595 00 → Page 377.