


KNX/EIB switching actuator, 8-gang 16 A/ blind actuator, 4-gang 16 A with manual activation



Specification	Order No.	Packing unit	PS	EAN
 DRA plus	1037 00	1	26	4010337042198

Technical data

Operating voltage:	230 V AC, 50/60 Hz
Switching contact:	Relay with 8 x zero-voltage closing contacts
Loading capacity	16 A/AC 1
AC 230 V:	16 AX
Max. switch-on current:	800 A, 200 µs 165 A, 20 ms
Current capacity of neighbouring outputs:	Σ 20 A
Device:	Σ 80 A
Connected load:	3000 W ohmic load 16 A, max. 140 µF 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:	KNX/EIB via connection and branch terminal 0595 00 load via screw terminals 1.5 to 4 mm ² single-wire 2 x 1.5 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, mix

Depending on the parameter settings, the actuator can be used as a switching actuator (max. 8-gang) or as a blind actuator (max. 4-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 KNX operation. Central switch-off with manual activation possible. With integrated bus coupler. Installation on DIN top-hat rail. Different phase conductors may be connected to the outputs. The ETS3.0d (or higher) is recommended for configuring and starting up the device. Functions of blind actuator outputs:

- Independent control of up to 4 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 of 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 up to 8 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.