



80311012



IP20



Universal dim actuator 1gang easy RMD 600 W KNX, light grey

Technical features

Architecture

Bus system	KNX
Fixing mode	REG

Functions

Parallel-service possible	no
<ul style="list-style-type: none"> - suitable to switch different external conductors - Learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus - bulb-preserving soft startup 	

Controls and indicators

Indicator lamp	yes
<ul style="list-style-type: none"> - manual operation also possible without bus, e.g. on building site - Manual operation can be activated via selection switch, thereby deactivation of the KNX function - Manual operation per channel via button with integrated status LED, thereby lockout of KNX function - status LED integrated in the manual operation button - selection switch for manual/bus operation as well as load setting - with illuminated programming button 	

Connectivity

Bus system radio frequent	no
Bus system LON	no
Bus system Powernet	no

Main electrical features

Frequency	50/60 Hz
Rated current	4 mA

Voltage

Auxiliary voltage	230 V AC
Input voltage	230 V AC
Operating voltage over bus	21...32 V DC
System supply voltage	30V DC via bus

Electric current

Bus current consumption (data transfer)	2,3 mA
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Fuse

Fuse	short-circuit and overload proof (electronic fuse), short-circuit proof and overload proof (display using LEDs), overheating protection (display using LEDs)
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Power

Incandescent bulb power	600 W
Total power loss under IN	320 mW
Power dissipation per coil	180 mW
Power of the variator	600 W

Materials

Colour	light grey
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Dimensions

Width of rail mounted device (RMD)	4 modules
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Fluorescent bulbs control

Quantity energy-saving lamps	per channel max. 8
Power lighting fluo lamps	60W

LED control

Quantity of dimmable, 230 V retrofit LED lamps	per channel max. 8
Max number of LED/CFL lamps	8
Power LED	60 W
LED	Status LED integrated in manual operation button, Overheating protection, display using LEDs, Overload protection, display via LED

Incandescent bulbs control

230 V incandescent lamps and halogen lamps	600 W
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Connection

Connection cross-sect. flexible conductor	0,75 / 2,5mm ²
Connection cross-sect. rigid cable	0,75 / 2.5mm ²
Type of load	universal
Conductor cross-section (flexible)	0,75...2,5 mm ²
Conductor cross-section (rigid)	0,75...2,5 mm ²
Type of connection	quick connect
<ul style="list-style-type: none"> - with integral bus coupling unit - with QuickConnect plug-in terminals - bus connection via connecting terminal 	

Settings

Supported configuration modes	easy, system
- preset behaviour in the event of bus voltage failure/return	

Scope of delivery

Bus connection included	yes
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Equipment

Number of outputs	1
Type of dimmer	dimming actuator
Substation input	yes
Power boost suitable	no
Modular expandability	no
With slide for manual switch	yes
<ul style="list-style-type: none"> - phase cut-on or cut-off according to load type, self-learning - minimum/maximum dimming values per channel settable on device - very low noise 	

Use

Local operation/hand operation	yes
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Safety

Protection index IP	IP20
- with overheating, overload and short-circuit protection	

Use conditions

Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C

Identification

Main design line	KNX
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