



TXA215

## Dimmer 1 channel 1000W

### Technical characteristics

#### Architecture

Bus system	KNX
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#### Functions

Bus module detachable	No
Multi-phase mode	suitable to switch different external conductors
Soft startup	bulb-preserving soft startup

#### Configuration

Number of modules	6
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#### Controls and indicators

With LED indication	Yes
Indicator lamp	yes

Operation	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
Indication / display	LC display with illumination ; status LED integrated in the manual operation button
Manual selection switches / push-buttons	selection switch for manual/bus operation as well as load setting
Button / push-button	with illuminated programming button

#### Main electrical features

Frequency	50/60 Hz
Rated current	4.3 A

#### Voltage

Auxiliary voltage	230 V AC
Input voltage	230 V AC
Operating voltage over bus	21...32 V DC

#### Electric current

Bus current consumption (data transfer)	2.3 mA
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#### Fuse

Fuse	short-circuit proof and overload proof (display using LEDs) ; overheating protection (display using LEDs)
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#### Dimensions

Width of rail mounted device (RMD)	6 modules
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<b>Power</b>	
Dimmable conventional transformers	20...1000 VA
Incandescent bulb power	20 / 1000 W
Total power loss under IN	10 W
Electronic transformers	20...1000 W
<b>Power supply</b>	
Supply voltage	230 V AC
<b>LED control</b>	
LED	Status LED integrated in manual operation button ; Overheating protection, display using LEDs ; Overload protection, display via LED
<b>Incandescent bulbs control</b>	
230 V incandescent lamps and halogen lamps	20...1000 W
<b>Connection</b>	
Connection cross-sect. flexible conductor	0,75 / 2,5mm <sup>2</sup>
Connection cross-sect. rigid cable	0,75 / 2.5mm <sup>2</sup>
Type of load	universal
Conductor cross-section (flexible)	0.75...2.5 mm <sup>2</sup>
Conductor cross-section (rigid)	0.75...2.5 mm <sup>2</sup>
Bus coupling unit	with integral bus coupling unit
Type of connection	with QuickConnect plug-in terminals
Bus connection	bus connection via connecting terminal
Type of connection	quick connect
<b>Settings</b>	
Supported configuration modes	system
Parameterisation	parameter definable behaviour in the event of bus voltage failure/return
<b>Scope of delivery</b>	
Bus connection included	Yes
<b>Equipment</b>	
Type of dimmer	universal
Modular expandability	No
Dimming principle	phase cut-on or cut-off according to load type, self-learning ; minimum/maximum dimming values per channel settable on device
low noise	very low noise
<b>Use</b>	
Local operation/hand operation	Yes
<b>Safety</b>	
Protection	with overheating, overload and short-circuit protection
<b>Use conditions</b>	

Operating temperature	0...45 °C
Storage/transport temperature	-20...60 °C
<b>Identification</b>	
Main design line	KNX