



TXA661A



DIMMER 1 CHANNEL 300W NE

Technical properties

Architecture

Bus system	KNX
Fixing mode	REG

Functions

Multi-phase mode	suitable to switch different external conductors
Soft startup	bulb-preserving soft startup

Configuration

Number of modules	4
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Controls and indicators

Indicator lamp	yes
Operation	manual operation also possible without bus, e.g. on building site
Manual selection switches / push-buttons	selection switch for manual/bus operation as well as load setting

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), overheating protection (display using LEDs)
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Dimensions

Width of rail mounted device (RMD)	4 modules
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Power

Dimmable conventional transformers	300 VA
Incandescent bulb power	300 W
Total power loss under IN	320 mW

Power dissipation per coil	180 mW
Power of the variator	300 W
Electronic transformers	300 W
Materials	
Colour	light grey
Fluorescent bulbs control	
Quantity energy-saving lamps	per channel max. 8
Dimmable energy-saving lamps	60 W
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
Dimmable LED lamps	60 W
Power LED	60 W
Incandescent bulbs control	
230 V incandescent lamps and halogen lamps	300 W
Connection	
Type of load	universal
Conductor cross-section (flexible)	0.75...2.5 mm ²
Conductor cross-section (rigid)	0.75...2.5 mm ²
Bus coupling unit	with integral bus coupling unit
Bus connection	bus connection via connecting terminal
Settings	
Supported configuration modes	system
Scope of delivery	
Bus connection included	Yes
Equipment	
Number of outputs	1
Type of dimmer	dimming actuator
Substation input	No
Power boost suitable	No
Modular expandability	No
Dimming principle	phase cut-on or cut-off according to load type, self-learning
low noise	very low noise
Use	
Local operation/hand operation	Yes
Safety	
Protection index IP	IP20

Use conditions

Operating temperature -5...45 °C

Storage/transport temperature -20...70 °C

Identification

Main design line KNX