



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
-------------------	---

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
---	----------

Fuse

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

Dimensions

Width of rail mounted device (RMD)	4 modules
------------------------------------	-----------

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