



TXA663A



IP20

## DIMMER 3 CHANNELS 300W NE

### Technical properties

#### Functions

Multi-phase mode	for 1 phase operation
Function	Learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
Soft startup	bulb-preserving soft startup

#### Configuration

Number of modules	6
-------------------	---

#### Controls and indicators

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

#### Dimensions

Width of rail mounted device (RMD)	6 modules
------------------------------------	-----------

#### Power

Subject to technical modifications

Dimmable conventional transformers	per channel 300 VA
Incandescent bulb power	900 W
Total power loss under IN	770 mW
Power dissipation per coil	430 mW
Power of the variator	900 W
Electronic transformers	per channel 300 W

#### Fluorescent bulbs control

Quantity energy-saving lamps	per channel max. 8
Dimmable energy-saving lamps	per channel 60 W
Power lighting fluo lamps	210W

#### LED control

Quantity of dimmable, 230 V retrofit LED lamps	per channel max. 8
Max number of LED/CFL lamps	12
Dimmable LED lamps	per channel 60 W
Power LED	210 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	per channel 300 W
--	-------------------

#### Connection

Connection cross-sect. flexible conductor	0,25 / 0,75mm <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

#### Settings

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

#### Scope of delivery

Bus connection included	Yes
-------------------------	-----

#### Equipment

Number of outputs	3
Type of dimmer	dimming actuator
Substation input	Yes
Power boost suitable	No
Modular expandability	No

phase cut-on or cut-off according to load type, self-learning ; minimum/maximum dimming values per channel settable on device

Dimming principle

low noise

very low noise

---

**Use**

Local operation/hand operation

Yes

---

**Safety**

REACH conform

No

Halogen free

No

Protection

with overheating, overload and short-circuit protection

---

**Use conditions**

Operating temperature

-5...45 °C

Storage/transport temperature

-20...70 °C

---

**Identification**

Device family

TXA

Main design line

KNX