TXA215

Dimmer 1 channel 1000W

Technical properties

Architecture

Bus system	KNX
Fixing mode	REG

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

Controls and indicators

With LED indication	Yes
Indicator lamp	yes
Operation	manual operation also possible without bus, e.g. on building site
Indication / display	LC display with illumination
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	4.3 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

Fuse

Fuse	overheating protection (display using LEDs)

Dimensions

Width of rail mounted device (RMD)	6 modules

Power

Dimmable conventional transformers	20...1000 VA
Incandescent bulb power	20 / 1000 W

Subject to technical modifications

Total power loss under IN	10 W
Electronic transformers	20...1000 W

Materials

Colour	stone grey

Incandescent bulbs control

230 V incandescent lamps and halogen lamps	20...1000 W

Connection

Type of load	universal
Conductor cross-section (flexible)	0.75...2.5 mm²
Conductor cross-section (rigid)	0.75...2.5 mm²
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

Type of dimmer	universal
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	0...45 °C
Storage/transport temperature	-20...60 °C

Identification

Main design line	KNX