TX211A

Dimmer 3 outputs KNX, 1/10V

Technical properties

Architecture

Bus system	KNX
Fixing mode	REG

Functions

Multi-phase mode	suitable to switch different external conductors
Switching	for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W

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	with manual selection switch per channel for on/off and status indication
Button / push-button	with programming button

Main electrical features

Frequency	50 Hz
Rated current	50 A

Voltage

Operating voltage over bus	21...32 V DC
System supply voltage	30V DC via bus

Electric current

Control current	per channel 50 mA
Switching current (ohmic)	16 A
Switching current	16 A

Dimensions

Width of rail mounted device (RMD)	4 modules

Power

Total power loss under IN	9 W
Conventional transformers	1500 VA
Power of the variator	0 / 2300 W
Electronic transformers	per channel 1500 W

Materials

Colour independent of design lines	light grey
Colour	stone grey
RAL colour	RAL 7035 - Light grey

Lighting control

Fluorescent lamps with electronical ballast (EB)	per channel 1000 W

Incandescent bulbs control

230 V incandescent lamps and halogen lamps	per channel 2300 W

Connection

Type of load	universal
Conductor cross-section (flexible)	1…6 mm²
Conductor cross-section (rigid)	1.5…10 mm²
Bus coupling unit	with integral bus coupling unit
Type of connection	with screw terminals
Bus connection	bus connection via connecting terminal

Settings

Supported configuration modes	system
Setting	basic brightness programmable

Scope of delivery

Bus connection included	Yes

Equipment

Type of dimmer	1 - 10V
Modular expandability	No

Safety

Protection index IP	IP30
REACH conform	No
RoHS conform	Yes
Halogen free	No

Use conditions

Operating temperature	0…45 °C
Storage/transport temperature	-20…70 °C

Identification

Main design line	KNX