



TYA663AN



Dimmer 3 channels 300W

Technical characteristics

Architecture

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

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

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 per channel 300 VA

Incandescent bulb power 900 W

Electronic transformers per channel 300 W

Fluorescent bulbs control

Dimmable energy-saving lamps	per channel 60 W
Power lighting fluo lamps	210W

LED control

Max number of LED/CFL lamps	15
Dimmable LED lamps	per channel 60 W
Dimmable 230 V retrofit LED lamps	per channel 60 W
Power LED	210 W

Incandescent bulbs control

230 V incandescent lamps and halogen lamps	per channel 300 W
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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
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Scope of delivery

Bus connection included	Yes
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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
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Safety

Protection index IP	IP20
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Use conditions

Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C

Identification

Main design line	KNX
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