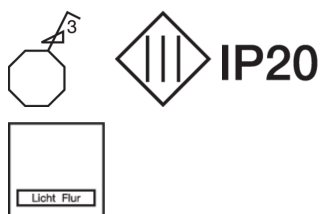


TYA663AN



## Dimmer 3 channels 300W

### Technical properties

#### Architecture

Fixing mode	REG
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#### 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
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#### 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
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

#### Electric current

Bus current consumption (data transfer)	< 2.3 mA
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#### Fuse

Fuse	overheating protection (display using LEDs)
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#### Dimensions

Width of rail mounted device (RMD)	6 modules
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#### 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 <sup>2</sup>
Conductor cross-section (rigid)	0.75...2.5 mm <sup>2</sup>
Bus coupling unit	with integral bus coupling unit
Bus connection	bus connection via connecting terminal
Type of connection	quick connect

### 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
REACH conform	No
Halogen free	No

### Use conditions

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

### Identification

Main design line	KNX
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