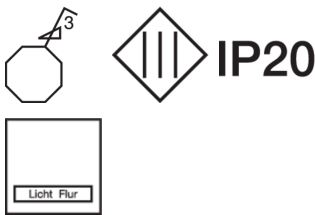


TYA663AN



IP20

**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

**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

**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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