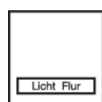




TYA661BN



**IP20**



## Dimmer 1 channel 600W

### 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	4
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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	2.3 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
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#### Fuse

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

Width of rail mounted device (RMD)	4 modules
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#### Power

Dimmable conventional transformers	600 VA
Incandescent bulb power	600 W
Total power loss under IN	320 mW
Power dissipation per coil	180 mW

Electronic transformers	600 W
<b>Fluorescent bulbs control</b>	
Dimmable energy-saving lamps	120 W
Power lighting fluo lamps	120W
<b>LED control</b>	
Max number of LED/CFL lamps	10
Dimmable LED lamps	120 W
Dimmable 230 V retrofit LED lamps	per channel 120 W
Power LED	120 W
<b>Incandescent bulbs control</b>	
230 V incandescent lamps and halogen lamps	600 W
<b>Connection</b>	
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
<b>Settings</b>	
Supported configuration modes	system
<b>Scope of delivery</b>	
Bus connection included	Yes
<b>Equipment</b>	
Type of dimmer	dimming actuator
Modular expandability	No
Dimming principle	phase cut-on or cut-off according to load type, self-learning
low noise	very low noise
<b>Use</b>	
Local operation/hand operation	Yes
<b>Safety</b>	
Protection index IP	IP20
REACH conform	No
RoHS conform	Yes
Halogen free	No
<b>Use conditions</b>	
Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C
<b>Identification</b>	
Main design line	KNX