



Dimmer 1 channel 600W

TYA661B

Architecture

Bus system	yes
Fixing mode	REG

Functions

- suitable to switch different external conductors
- Learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- bulb-preserving soft startup

Controls and indicators

Indicator lamp	yes
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- manual operation also possible without bus, e.g. on building site
- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- Manual operation per channel via button with integrated status LED, thereby lockout of KNX function
- with illuminated programming button
- status LED integrated in the manual operation button
- selection switch for manual/bus operation as well as load setting

Main electrical features

Frequency	50/60 Hz
Rated current	4 mA

Voltage

Operating voltage over bus	21 32 V DC
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Fuse

- short-circuit proof and overload proof (display using LEDs)
- overheating protection (display using LEDs)

Power

Incandescent bulb power	600 W
Total power loss under IN	320 mW
Power dissipation per coil	180 mW
Electronic transformers	300 W

Power supply

Supply voltage	230 V AC
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Dimensions

Width of rail mounted device (RMD)	4 modules
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LED control

Lighting power LED lamps	120 W
<ul style="list-style-type: none"> - Status LED integrated in manual operation button - Overheating protection, display using LEDs - Overload protection, display via LED 	

Incandescent bulbs control

230 V incandescent lamps and halogen lamps	600 W
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Connection

Conductor cross-section (flexible)	0,75 2,5 mm ²
Conductor cross-section (rigid)	0,75 2,5 mm ²
Connection cross-sect. rigid cable	0,75 / 2.5mm ²
Connection cross-sect. flexible conductor	0,75 / 2,5mm ²
Type of load	universal
Type of connection	quick connect
<ul style="list-style-type: none"> - with integral bus coupling unit - with QuickConnect plug-in terminals - bus connection via connecting terminal 	

Settings

- parameter definable behaviour in the event of bus voltage failure/return
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Equipment

<ul style="list-style-type: none"> - phase cut-on or cut-off according to load type, self-learning - minimum/maximum dimming values per channel settable on device - very low noise 	
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Use

Local operation/hand operation	yes
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Safety

Protection index IP	IP20
Halogen free	no
<ul style="list-style-type: none"> - with overheating, overload and short-circuit protection 	

Use conditions

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

Identification

Device family	TYA
Main design line	KNX