



TYA661A



Dimmer 1 channel 300W

Technical properties

Architecture

Bus system yes

Functions

Bus module detachable No

Multi-phase mode suitable to switch different external conductors

Function Learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus

Soft startup bulb-preserving soft startup

Configuration

Number of modules 4

Controls and indicators

With LED indication Yes

Indicator lamp yes

Operation 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

Indication / display status LED integrated in the manual operation button

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 2.3 A

Voltage

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

Dimensions

Power

Incandescent bulb power	300 W
Total power loss under IN	4 W

Fluorescent bulbs control

Power lighting fluo lamps	60W
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LED control

Max number of LED/CFL lamps	8
Power LED	60 W

LED	Status LED integrated in manual operation button ; Overheating protection, display using LEDs ; Over- load protection, display via LED
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Connection

Connection cross-sect. flexible conductor	0,75 / 2,5mm ²
Connection cross-sect. rigid cable	0,75 / 2.5mm ²
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
Type of connection	with QuickConnect plug-in terminals
Bus connection	bus connection via connecting terminal
Type of connection	quick connect

Settings

Supported configuration modes	system
Parameterisation	parameter definable behaviour in the event of bus voltage failure/return

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 ; minimum/maximum dimming values per channel settable on device
low noise	very low noise

Use

Local operation/hand operation	Yes
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Safety

Protection	with overheating, overload and short-circuit protec- tion
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Use conditions

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

