TYA661A

IP20

Licht Flur

Dimmer 1 channel 300W

Technical characteristics

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

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

Width of rail mounted device (RMD)	4 modules

Power

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

Fluorescent bulbs control

Power lighting fluo lamps	60W

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 ; Overload protection, display via LED

Connection

Connection cross-sect. flexible conductor	0,75 / 2,5mm²
Connection cross-sect. rigid cable	0,75 / 2.5mm²
Type of load	universal
Conductor cross-section (flexible)	0.75…2.5 mm²
Conductor cross-section (rigid)	0.75…2.5 mm²
Bus coupling unit	with integral bus coupling unit
Type of connection	with QuickConnect plug-in terminals
Bus connection	bus connection via connecting terminal

Settings

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

Scope of delivery

Bus connection included	Yes

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

Safety

Protection	with overheating, overload and short-circuit protection

Use conditions

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

Identification

Main design line	KNX