



TYA664A



IP20



DIMMER 4 CHANNELS 300W

Technische Merkmale

Architecture

Bus system	KNX
Fixing mode	REG

Functions

Bus module detachable	no
<ul style="list-style-type: none"> - 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

With LED indication	yes
Indicator lamp	yes
<ul style="list-style-type: none"> - 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 - status LED integrated in the manual operation button - selection switch for manual/bus operation as well as load setting - with illuminated programming button 	

Connectivity

Bus system radio frequent	no
Bus system LON	no
Bus system Powernet	no

Main electrical features

Frequency	50/60 Hz
Rated current	5,2 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	short-circuit proof and overload proof (display using LEDs), overheating protection (display using LEDs)
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Power

Dimmable conventional transformers	per channel 300 VA
Incandescent bulb power	20 / 300 W
Total power loss under IN	1,71 W
Electronic transformers	per channel 300 W

Power supply

Supply voltage	230 V +10% / -15%
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Materials

Colour	RAL 7035
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Dimensions

Width of rail mounted device (RMD)	8 modules
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Fluorescent bulbs control

Dimmable energy-saving lamps	per channel 60 W
Power lighting fluo lamps	4 x 60W

LED control

Quantity of dimmable, 230 V retrofit LED lamps	per channel max. 8
Max number of LED/CFL lamps	8
Dimmable LED lamps	per channel 60 W
Dimmable 230 V retrofit LED lamps	per channel 60 W
Power LED	60 W
LED	Status LED integrated in manual operation button, Overheating protection, display using LEDs, Overload protection, display via LED

Incandescent bulbs control

Max. power with incandescent lamps	300 W
230 V incandescent lamps and halogen lamps	per channel 300 W

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
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

Supported configuration modes	system
- 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
With slide for manual switch	yes
<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	

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/transport temperature	-20...70 °C

Identification

Device family	TYA
Main design line	KNX