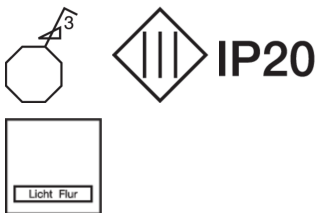


TYA663A



IP20

Dimmer 3 channels 300W

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	6
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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
Button / push-button	with illuminated programming button

Main electrical features

Frequency	50/60 Hz
Rated current	4 mA

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)	6 modules
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Power

Dimmable conventional transformers	per channel 300 VA
Incandescent bulb power	900 W
Total power loss under IN	770 mW

Electronic transformers	per channel 300 W
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Power supply

Supply voltage	230 V
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Fluorescent bulbs control

Dimmable energy-saving lamps	per channel 60 W
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Power lighting fluo lamps	210W
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LED control

Quantity of dimmable, 230 V retrofit LED lamps	per channel max. 8
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Max number of LED/CFL lamps	15
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Dimmable LED lamps	per channel 60 W
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Dimmable 230 V retrofit LED lamps	per channel 60 W
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Power LED	210 W
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Incandescent bulbs control

230 V incandescent lamps and halogen lamps	per channel 300 W
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Connection

Type of load	universal
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Conductor cross-section (flexible)	0.75...2.5 mm ²
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Conductor cross-section (rigid)	0.75...2.5 mm ²
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Bus coupling unit	with integral bus coupling unit
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Bus connection	bus connection via connecting terminal
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Type of connection	quick connect
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Settings

Supported configuration modes	system
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Scope of delivery

Bus connection included	Yes
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Equipment

Type of dimmer	universal
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Modular expandability	No
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Dimming principle	phase cut-on or cut-off according to load type, self-learning
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low noise	very low noise
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Use

Local operation/hand operation	Yes
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Safety

Protection index IP	IP20
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Use conditions

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

Subject to technical modifications

