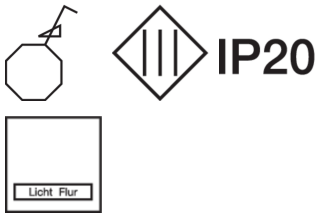




TYA661B



Dimmer 1 channel 600W

Technical properties

Architecture

Fixing mode REG

Functions

Bus module detachable No

Multi-phase mode suitable to switch different external conductors

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 selection switches / push-buttons selection switch for manual/bus operation as well as load setting

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

Fuse

Fuse overheating protection (display using LEDs)

Dimensions

Width of rail mounted device (RMD) 4 modules

Power

Dimmable conventional transformers 600 VA

Incandescent bulb power 600 W

Total power loss under IN 320 mW

Power dissipation per coil 180 mW

Fluorescent bulbs control

| | |
|------------------------------|-------|
| Dimmable energy-saving lamps | 120 W |
| Power lighting fluo lamps | 120W |

LED control

| | |
|--|------------------|
| Quantity of dimmable, 230 V retrofit LED lamps | max. 10 |
| Max number of LED/CFL lamps | 10 |
| Dimmable LED lamps | 60 W |
| Dimmable 230 V retrofit LED lamps | per channel 60 W |
| Power LED | 120 W |

Incandescent bulbs control

| | |
|--|-------|
| 230 V incandescent lamps and halogen lamps | 600 W |
|--|-------|

Connection

| | |
|------------------------------------|--|
| 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 |
| Bus connection | bus connection via connecting terminal |

Settings

| | |
|-------------------------------|--------|
| Supported configuration modes | system |
|-------------------------------|--------|

Scope of delivery

| | |
|-------------------------|-----|
| Bus connection included | Yes |
|-------------------------|-----|

Equipment

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

Use

| | |
|--------------------------------|-----|
| Local operation/hand operation | Yes |
|--------------------------------|-----|

Safety

| | |
|---------------------|------|
| Protection index IP | IP20 |
|---------------------|------|

Use conditions

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

Identification

| | |
|------------------|-----|
| Main design line | KNX |
|------------------|-----|