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

| | |
|---|---|
| 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

| | |
|---|---|
| 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 |
| 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 |

**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 |