



TXA663A



IP20

DIMMER 3 CHANNELS 300W NE

Technical properties

Functions

| | |
|------------------|--|
| Multi-phase mode | for 1 phase operation |
| 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 | 6 |
|-------------------|---|

Controls and indicators

| | |
|--|--|
| 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 | 4 mA |

Voltage

| | |
|----------------------------|----------------|
| Auxiliary voltage | 230 V AC |
| Input voltage | 230 V AC |
| Operating voltage over bus | 21...32 V DC |
| System supply voltage | 30V DC via bus |

Electric current

| | |
|---|----------|
| Bus current consumption (data transfer) | < 2.3 mA |
|---|----------|

Fuse

| | |
|------|--|
| Fuse | short-circuit and overload proof (electronic fuse) ; short-circuit proof and overload proof (display using LEDs) ; overheating protection (display using LEDs) |
|------|--|

Dimensions

| | |
|------------------------------------|-----------|
| Width of rail mounted device (RMD) | 6 modules |
|------------------------------------|-----------|

Power

Subject to technical modifications

| | |
|------------------------------------|--------------------|
| Dimmable conventional transformers | per channel 300 VA |
| Incandescent bulb power | 900 W |
| Total power loss under IN | 770 mW |
| Power dissipation per coil | 430 mW |
| Power of the variator | 900 W |
| Electronic transformers | per channel 300 W |

Fluorescent bulbs control

| | |
|------------------------------|--------------------|
| Quantity energy-saving lamps | per channel max. 8 |
| Dimmable energy-saving lamps | per channel 60 W |
| Power lighting fluo lamps | 210W |

LED control

| | |
|--|--------------------|
| Quantity of dimmable, 230 V retrofit LED lamps | per channel max. 8 |
| Max number of LED/CFL lamps | 12 |
| Dimmable LED lamps | per channel 60 W |
| Power LED | 210 W |

| | |
|-----|--|
| LED | Status LED integrated in manual operation button ; Overheating protection, display using LEDs ; Over- load protection, display via LED |
|-----|--|

Incandescent bulbs control

| | |
|--|-------------------|
| 230 V incandescent lamps and halogen lamps | per channel 300 W |
|--|-------------------|

Connection

| | |
|---|--|
| Connection cross-sect. flexible conductor | 0,25 / 0,75mm 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 |
| 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 | easy, system |
| Parameterisation | preset behaviour in the event of bus voltage failure/return |

Scope of delivery

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

Equipment

| | |
|-----------------------|------------------|
| Number of outputs | 3 |
| Type of dimmer | dimming actuator |
| Substation input | Yes |
| Power boost suitable | No |
| Modular expandability | No |

phase cut-on or cut-off according to load type, self-learning ; minimum/maximum dimming values per channel settable on device

Dimming principle

low noise

very low noise

Use

Local operation/hand operation

Yes

Safety

REACH conform

No

Halogen free

No

Protection

with overheating, overload and short-circuit protection

Use conditions

Operating temperature

-5...45 °C

Storage/transport temperature

-20...70 °C

Identification

Device family

TXA

Main design line

KNX