



TYA624A

IP20

Shutter module 4x 6A /230V~, KNX

Technical properties

Architecture

| | |
|-----------------------------------|-----|
| Bus system | KNX |
| Number of blinds/shutters outputs | 4 |

Functions

| | |
|-----------------------|--|
| Bus module detachable | No |
| Multi-phase mode | suitable to switch different external conductors |
| Function | with sun shade function ; with safety functions e.g. for wind, rain, alarm ; with positioning function for roller shutter position |
| Operating mode | operating mode only roller shutters |

Configuration

| | |
|-------------------|---|
| Number of modules | 4 |
|-------------------|---|

Controls and indicators

| | |
|--|--|
| Indicator lamp | yes |
| Operation | manual operation per channel using button (single-area operation) ; Manual operation can be activated via selection switch, thereby deactivation of the KNX function |
| Control | for activation of an AC drive per actuator channel |
| Indication / display | status LED integrated in the manual operation button |
| Manual selection switches / push-buttons | 4 manual operation buttons for up/down per channel/device |
| Button / push-button | with illuminated programming button |

Main electrical features

| | |
|------------------------|----------|
| Type of supply voltage | AC |
| Frequency | 50/60 Hz |
| Rated current | 6 A |

Voltage

| | |
|----------------------------|----------------|
| Operating voltage over bus | 21...32 V DC |
| System supply voltage | 30V DC via bus |

Electric current

| | |
|---|----------|
| Bus current consumption (data transfer) | 5.2 mA |
| Bus current consumption (idle) | 5 mA |
| Number of entry circuits | 0 |
| Maximum switching current | 6 A |
| Switching current at $\cos \varphi = 0.6$ | max. 6 A |

Dimensions

| | |
|------------------------------------|-----------|
| Depth | 65 mm |
| Width of rail mounted device (RMD) | 4 modules |
| Height | 90 mm |

Power

| | |
|----------------------------------|--------|
| Contact rating with 230 V in AC1 | 1380 W |
| Total power loss under IN | 2 W |

Materials

| | |
|------------|-----------------------|
| RAL colour | RAL 7035 - Light grey |
|------------|-----------------------|

LED control

| | |
|-----|--|
| LED | Status LED integrated in manual operation button |
|-----|--|

Connection

| | |
|---|--|
| Connection cross-sect. flexible conductor | 0,75 / 2,5mm ² |
| Connection cross-sect. rigid cable | 0,75 / 2.5mm ² |
| Conductor cross-section (flexible) | 0.75...2.5 mm ² |
| Conductor cross-section (flexible), without wire end sleeve | 0.75...2.5 mm ² |
| Conductor cross-section (rigid) | 0.75...2.5 mm ² |
| Number of contacts | 4 |
| 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 |
| Setting | switching time on change of direction adjustable |

Scope of delivery

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

Equipment

| | |
|-----------------------|----|
| Modular expandability | No |
|-----------------------|----|

Safety

| | |
|---------------|-----|
| REACH conform | No |
| RoHS conform | Yes |
| Halogen free | No |

Use conditions

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

Identification

| | |
|------------------|-----|
| Device family | TYA |
| Main design line | KNX |