



TYA624B

## Shutter module 4x 6A /24V DC, KNX

### Technical properties

#### Architecture

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

#### Functions

|                       |  |
|-----------------------|--|
| Bus module detachable | No   |
| Function              | with safety functions e.g. for wind, rain, alarm ; with sun shade function ; 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 max. 4 independent DC drives   |
| 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 | DC  |
| 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)          | 4 mA     |
| Number of entry circuits                | 0        |
| Maximum switching current               | 6 A      |
| Switching current at 24 V=              | max. 6 A |

#### Dimensions

|   |  |
|---|--|
| Width of rail mounted device (RMD)        | 4 modules  |
| Height                                    | 90 mm  |
| <b>Power</b>                              |  |
| Contact rating with 230 V in AC1          | 144 W  |
| Total power loss under IN                 | 2 W  |
| <b>LED control</b>                        |  |
| LED                                       | Status LED integrated in manual operation button |
| <b>Connection</b>                         |  |
| Connection cross-sect. flexible conductor | 0,75 / 2,5mm <sup>2</sup>                        |
| Connection cross-sect. rigid cable        | 0,75 / 2.5mm <sup>2</sup>                        |
| Conductor cross-section (flexible)        | 0.75...2.5 mm <sup>2</sup>                       |
| Conductor cross-section (rigid)           | 0.75...2.5 mm <sup>2</sup>                       |
| 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                                    |
| <b>Settings</b>                           |  |
| Supported configuration modes             | system   |
| Setting                                   | switching time on change of direction adjustable |
| <b>Scope of delivery</b>                  |  |
| Bus connection included                   | Yes  |
| <b>Equipment</b>                          |  |
| Modular expandability                     | No   |
| <b>Safety</b>                             |  |
| REACH conform                             | No   |
| RoHS conform                              | Yes  |
| Halogen free                              | No   |
| <b>Use conditions</b>                     |  |
| Operating temperature                     | -5...45 °C                                       |
| Storage/transport temperature             | -20...70 °C                                      |
| <b>Identification</b>                     |  |
| Device family                             | TYA  |
| Main design line                          | KNX  |