



TYA624A

IP20

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

### Technical characteristics

#### 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
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#### 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
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**LED control**

LED	Status LED integrated in manual operation button
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**Connection**

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 (flexible), without wire end sleeve	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

**Settings**

Supported configuration modes	system
Setting	switching time on change of direction adjustable

**Scope of delivery**

Bus connection included	Yes
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**Equipment**

Modular expandability	No
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**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