



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 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
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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