



TYA624B

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

Technical characteristics

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
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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 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
Power	
Contact rating with 230 V in AC1	144 W
Total power loss under IN	2 W
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 (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