



TXA610B



Output module 10x 10A /230V~, KNX

Technical properties

Architecture

Bus system yes

Functions

Multi-phase mode suitable to switch different external conductors

Function with positioning function for blind and lamella position ; with safety functions e.g. for wind, rain, alarm ; with sun shade function

Switching For switching, e.g. of 10 independent loads or activation of 5 drives

Operating mode any combined operation from drive and switching functions possible

Configuration

Number of modules 6

Controls and indicators

Indicator lamp yes

Operation Manual operation can be activated via selection switch, thereby deactivation of the KNX function

Indication / display status LED integrated in the manual operation button

Manual selection switches / push-buttons manual operation buttons for on/off (up/down) and bus function on/off per channel/device

Button / push-button with illuminated programming button

Main electrical features

Rated operational voltage U_e 230 V

Frequency 50/60 Hz

Rated current 10 A

Voltage

Operating voltage over bus 21...32 V DC

Output voltage 230 V AC

System supply voltage 30V DC via bus

Electric current

Bus current consumption (data transfer) 6 mA

Bus current consumption (idle) 4 mA

Number of entry circuits 0

Maximum through current 10 A

Rated current 10 A

Dimensions

Width of rail mounted device (RMD)	6 modules
Height	90 mm

Power

Max. power with electronic transfo.	1000 W
Total power loss under IN	0.7 W
Output power	1200 W
Max. switching power	9000 W
Conventional transformers	1200 VA
Electronic transformers	1000 W

Lighting control

Fluorescent lamps with electronical ballast (EB)	15 x 36 W
- uncompensated	1000 W

Fluorescent bulbs control

Energy-saving lamps	23 W
Power lighting fluo lamps	12x23W
Max. power fluo. duo lamp comp. series	15 x 36 W

LED control

Max number of LED/CFL lamps	12
230V LED lamps	12 x 23 W
LED	Status LED integrated in manual operation button

Incandescent bulbs control

Max. power with incandescent lamps	1200 W
230 V incandescent lamps and halogen lamps	1200 W

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
Type of contacts	10NO
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	easy, system
Setting	Switching time on change of direction is preset

Scope of delivery

Bus connection included	Yes
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Equipment

Subject to technical modifications

Number of outputs	10
Modular expandability	No
Use	
Differentiation characteristic 3 - Sales	with plug-in terminals
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	TXA
Main design line	KNX