



# TXA610B



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

# **Technical properties**

Δ	rc	h	it	0	cti	Ir	Δ

Bus system	yes
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### **Functions**

	9.11.4.9.1.126
Multi-phase mode	suitable to switch different external conductors
	with positioning function for blind and lamella
	position; with safety functions e.g. for wind, rain,
Function	alarm ; with sun shade function
	For switching, e.g. of 10 independent loads or
Switching	activation of 5 drives
	any combined operation from drive and switching
Operating mode	functions possible
Configuration	

# Configuration

Number of modules	6
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### **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 Ue	230 V
Frequency	50/60 Hz
Rated current	10 A

## Voltage

Operating voltage over bus	2132 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

Resight 90 mm  Resight 900 mm  Resight 900 mm  Resign power with electronic transfo. 1000 V  Resign power loss under IN 0.7 V  Max. power loss under IN 0.7 V  Resign power 1000 V  Resign power lamps with electronical ballast  Resign power lighting control  Resign power lighting fluo lamps 1000 V  Resign power lighting fluo lamps 12x 23 V  Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Resign power with incandescent lamps 12x 23 V   Res	Dimensions	
Power Wax, power with electronic transfo.  Idea, power loss under IN  Output power  Max, switching power  Jone of transformers  Jone	Width of rail mounted device (RMD)	6 modules
Average with electronic transfo.  Folial power loss under IN  Folial power IN  Fo	Height	90 mm
Total power loss under IN 0.7 v Dutput power 1200 v Max. switching power 9000 v Max. switching control 9000 v Max. Electronic transformers 1000 v Max. Electronic transformers 1000 v Max. Indigenate of Max. Safe v Max. power lighting fluo lamps 12x 23 v Max. power fluo. duo lamp comp. series 15 x 36 v Max. power fluo. duo lamp comp. series 15 x 36 v Max. power fluo. duo lamp s 12x 23 v Max. power fluo. duo lamp s 12x 23 v Max. power fluo. duo lamp s 12x 23 v Max. power fluo. duo lamp s 12x 23 v Max. power fluo. duo lamp s 12x 23 v Max. power fluo. duo lamp s 12x 23 v Max. power fluo. duo lamp s 12x 23 v Max. power fluo. duo lamp s 12x 23 v Max. power fluo. duo lamp s 12x 23 v Max. power fluo. duo lamp s 12x 23 v Max. power with incandescent lamps 12x 23 v Max. power fluo. due	Power	
Dupput power 1200 V Max. switching power 9000 V Conventional transformers 1200 V Electronic transformers 1200 V Electronic transformers 1000 V Electronic t	Max. power with electronic transfo.	1000 W
Max. switching power 9000 V Conventional transformers 1200 V Conve	Total power loss under IN	0.7 W
Electronic transformers 1200 V Electronic transformers 1000 V Electronic transformers 1000 V Electronic transformers 1000 V Electronic transformers 1000 V Electronic transformers 15 x 36 V Luncompensated 1000 V Electronic sevent bulbs control Energy-saving lamps 23 V Exercise Individual lamps 12 x 23 V Exercise Individual lamps 12 x 23 V ELECTRONIC Individual lamps 15 x 36 V ELECTRONIC Individual lamps 17 x 36 V ELECTRONIC Individual lamps 17 x 23 V ELECTRONIC Individual lamps 17 x 2	Output power	1200 W
Lighting control  Fluorescent lamps with electronical ballast EB 15 x 36 v uncompensated 1000 v  Fluorescent bulbs control  Max power lighting fluo lamps 12x 23 v  LED control  Max number of LED/CFL lamps 12 x 23 v  EBD Status LED integrated in manual operation button  Max power with incandescent lamps 12x 00 v  Fluorescent bulbs control  Max power with incandescent lamps 1200 v  Fluorescent bulbs control  Fluorescent lamps and halogen  Fluorescent bulbs control  Fluorescent lamps and halogen  Fluorescent lamps a	Max. switching power	9000 W
Lighting control    Control   Control	Conventional transformers	1200 VA
Fluorescent lamps with electronical ballast EB) 15 x 36 v and compensated 1000 v Fluorescent bulbs control  Finergy-saving lamps 23 v Amaz Power lighting fluo lamps 12x 23 v Amaz power fluo. duo lamp comp. series 15 x 36 v Amaz number of LED/CFL lamps 12 x 23 v Amaz number of LED/CFL lamps	Electronic transformers	1000 W
Fluorescent lamps with electronical ballast EB) 15 x 36 v and compensated 1000 v Fluorescent bulbs control  Finergy-saving lamps 23 v Amaz Power lighting fluo lamps 12x 23 v Amaz power fluo. duo lamp comp. series 15 x 36 v Amaz number of LED/CFL lamps 12 x 23 v Amaz number of LED/CFL lamps	Lighting control	
Fluorescent bulbs control  Energy-saving lamps 23 V Power lighting fluo lamps 12x23V Max. power fluo. duo lamp comp. series 15 x 36 V Max number of LED/CFL lamps 12 x 23 V Max number of LED/CFL lamps 12 x 23 V Max. power with incandescent lamps 12 x 23 V Max. power with incandescent lamps 12 x 23 V Max. power with incandescent lamps 12 x 23 V Max. power with incandescent lamps 1200 V Max. power with incan	Fluorescent lamps with electronical ballast (EB)	15 x 36 W
Prover lighting fluo lamps Prover lamps Prover lamps Prover lamps Prover lamps Prover lamps Prove of connection Prove	- uncompensated	1000 V
Prover lighting fluo lamps Prover lamps Prover lamps Prover lamps Prover lamps Prover lamps Prove of connection Prove	Fluorescent bulbs control	
Max. power fluo. duo lamp comp. series 15 x 36 v  LED control  Max number of LED/CFL lamps 12 x 23 v  LED Status LED integrated in manual operation buttor  Incandescent bulbs control  Max. power with incandescent lamps 1200 v  230 V incandescent lamps and halogen amps 1200 v  Connection  Connection  Connection cross-sect. flexible conductor 0,75 / 2.5mm  Connection cross-sect. rigid cable 0,75 / 2.5mm  Conductor cross-section (flexible) 0,752.5 mm  Conductor cross-section (rigid) 0,752.5 mm  Conductor cross-section with integral bus coupling unit with integral bus coupling unit with integral bus coupling unit proper of connection with QuickConnect plug-in terminal aus connection bus connection via connecting terminal fluor connection sections  Setting Switching time on change of direction is present and the property of connection included Years of the property of the present section included Years of the present section incl	Energy-saving lamps	23 W
Max number of LED/CFL lamps 12 x 23 V ASSOV LED lamps 12 x 23 V ASSOV	Power lighting fluo lamps	12x23V
Max number of LED/CFL lamps  12 x 23 v  LED Status LED integrated in manual operation buttor  Incandescent bulbs control  Max. power with incandescent lamps  230 V incandescent lamps and halogen amps  1200 V  Connection  Connection  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  Conductor cross-section (flexible)  Conductor cross-section (rigid)  O.752.5 mm  O.752.	Max. power fluo. duo lamp comp. series	15 x 36 V
Status LED integrated in manual operation button  Incandescent bulbs control  Max. power with incandescent lamps  230 V incandescent lamps and halogen amps  1200 V  Connection  Connection  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  0,75 / 2,5mm  Conductor cross-section (flexible)  0,75 / 2,5mm  Conductor cross-section (rigid)  In the properties of the pro	LED control	
Status LED integrated in manual operation button  Incandescent bulbs control  Max. power with incandescent lamps  230 V incandescent lamps and halogen amps  1200 V  Connection  Connection  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  Conductor cross-section (flexible)  Conductor cross-section (rigid)  Conductor cross-section (r	Max number of LED/CFL lamps	1:
Max. power with incandescent lamps  230 V incandescent lamps and halogen amps  1200 V  Connection  Connection  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  Conductor cross-section (flexible)  Conductor cross-section (rigid)  Condu	230V LED lamps	12 x 23 V
230 V incandescent lamps and halogen amps  Connection  Connection  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  O,75 / 2.5mm  Conductor cross-section (flexible)  Conductor cross-section (rigid)  O,752.5 mm  Ook conductor cross-section (rigid)  Ook conductor cross-section (rigi	Incandescent bulbs control	1200 W
Connection  Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  Conductor cross-section (flexible)  Conductor cross-section (rigid)  O.752.5 mm  Vibration conductor cross-section (rigid)  Conductor cross-section (rigid)  O.752.5 mm  Vibration cross-sectio		1200 V
Connection cross-sect. flexible conductor  Connection cross-sect. rigid cable  Conductor cross-section (flexible)  Conductor cross-section (rigid)  Conductor cross-s	lamps	1200 V
Connection cross-sect. rigid cable  O,75 / 2.5mm Conductor cross-section (flexible)  O,752.5 mm Conductor cross-section (rigid)  O,752.5 mm Type of contacts  Bus coupling unit  Type of connection  With integral bus coupling unit  With QuickConnect plug-in terminal Bus connection  Bus connection  Bus connection quick connect  Settings  Supported configuration modes  Setting Switching time on change of direction is prese  Scope of delivery  Bus connection included  Yes	Connection	
Conductor cross-section (flexible)  Conductor cross-section (rigid)  O.752.5 mm  Type of contacts  Bus coupling unit  Type of connection  With QuickConnect plug-in terminal Bus connection  Bus connection  Bus connection  Bus connection  Settings  Supported configuration modes  Settings  Settings  Switching time on change of direction is present the	Connection cross-sect. flexible conductor	0,75 / 2,5mm
Type of contacts  Sus coupling unit  Type of connection  Sus connection  Suitching time on change of direction is presently as connection included  Yes  Sus connection included	Connection cross-sect. rigid cable	0,75 / 2.5mm
Type of contacts  Bus coupling unit  Type of connection  With QuickConnect plug-in terminal Bus connection  Bus connection  Bus connection  Bus connection  Gettings  Supported configuration modes  Setting  Switching time on change of direction is prese  Scope of delivery  Bus connection included  Yes	Conductor cross-section (flexible)	0.752.5 mm
Bus coupling unit  Fype of connection  With QuickConnect plug-in terminal Bus connection  Bus connection  Bus connection  Bus connection  Bus connection via connecting terminal Cype of connection  Quick connection  Settings  Supported configuration modes  Easy, system  Setting  Switching time on change of direction is present  Secope of delivery  Bus connection included  Yes	Conductor cross-section (rigid)	0.752.5 mm
Type of connection with QuickConnect plug-in terminal bus connection via connecting terminal quick connection quick connections  Settings  Supported configuration modes easy, system Setting Switching time on change of direction is present the pre	Type of contacts	1000
Bus connection bus connection via connecting terminal Type of connection quick connecting terminal quick connectings  Settings  Supported configuration modes easy, system setting Switching time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time on change of direction is present the property setting time of the property setting time on	Bus coupling unit	with integral bus coupling uni
Settings Supported configuration modes easy, system Setting Switching time on change of direction is prese Scope of delivery Bus connection included Ye	Type of connection	with QuickConnect plug-in terminal
Settings Supported configuration modes easy, system Setting Switching time on change of direction is prese Scope of delivery Bus connection included Ye	Bus connection	bus connection via connecting termina
Sus connection included  easy, system  Switching time on change of direction is present  Scope of delivery  Ye	Type of connection	quick connec
Switching time on change of direction is present the second delivery  Bus connection included  Yes	Settings	
Sus connection included Yes	Supported configuration modes	easy, systen
Bus connection included Yes	Setting	Switching time on change of direction is prese
	Scope of delivery	
Equipment	Bus connection included	Ye
	Equipment	

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	-545 °C
Storage/transport temperature	-2070 °C
Identification	
Device family	TXA
Main design line	KNX