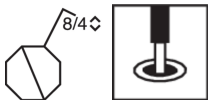


TYA608B



Output module 8x 10A /230V~, KNX

Technical characteristics

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 8 independent loads or activation of 4 drives
Operating mode	any combined operation from drive and switching functions possible

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 ; manual operation per channel using button (single-area operation)
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 current	10 A
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Voltage

Operating voltage over bus	21...32 V DC
Output voltage	230 V~
System supply voltage	30V DC via bus

Electric current

Bus current consumption (data transfer)	15 mA
Bus current consumption (idle)	9 mA
Number of entry circuits	0
Maximum through current	10 A
Switching current at $\cos \varphi = 0.8$	max. 10 A

Dimensions

Width of rail mounted device (RMD)	6 modules
Height	90 mm
Width	105 mm

Power	
Max. power with electronic transfo.	1000 W
Total power loss under IN	6 W
Output power	1200 W
Conventional transformers	1200 VA
Electronic transformers	1000 W
Lighting control	
Fluorescent lamps with electronical ballast (EB)	15 x 36 W
- uncompensated	1000 VA
Fluorescent bulbs control	
Energy-saving lamps	12 x 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
Power LED	144 W
LED	Status LED integrated in manual operation button
Incandescent bulbs control	
Max. power with incandescent lamps	1200 W
230 V incandescent lamps	1200 W
230 V halogen lamps	1200 W
230 V incandescent lamps and halogen lamps	1200 W
Connection	
Conductor cross-section (flexible)	0.75...2.5 mm ²
Conductor cross-section (rigid)	0.75...2.5 mm ²
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
Use	
Differentiation characteristic 3 - Sales	with plug-in terminals

Safety

Protection index IP	IP20
REACH conform	No
RoHS conform	Yes
Halogen free	No

Use conditions

Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C