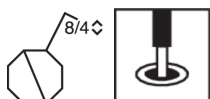


TYA608A



Output module 8x 4A /230V~, KNX

Technical characteristics

Architecture

Bus system	yes
Fixing mode	REG

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	4 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	4 A
Switching current at $\cos \varphi = 0.8$	max. 4 A

Dimensions

Depth	65 mm
Width of rail mounted device (RMD)	6 modules
Height	90 mm

Power

Max. power with electronic transfo.	800 W
Total power loss under IN	2 W
Output power	800 W
Conventional transformers	800 VA
Electronic transformers	800 W

Materials

Colour	light grey
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Lighting control

Fluorescent lamps with electrical ballast (EB)	12 x 36 W
- uncompensated	800 W

Fluorescent bulbs control

Energy-saving lamps	6 x 23 W
Power lighting fluo lamps	6x23W
Max. power fluo. duo lamp comp. series	12 x 36 W

LED control

Max number of LED/CFL lamps	6
230V LED lamps	6 x 23 W
Power LED	72 W
LED	Status LED integrated in manual operation button

Incandescent bulbs control

Max. power with incandescent lamps	800 W
230 V incandescent lamps	800 W
230 V halogen lamps	800 W
230 V incandescent lamps and halogen lamps	800 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	8NO
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
Use conditions	
Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C
Identification	
Main design line	KNX