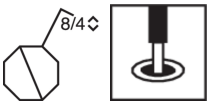


TYA608D



Output module 8x 16A (C)/230V~, KNX

Technical properties

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 operational voltage U_e	230 V
Rated current	16 A

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	16 A
Rated current	16 A

Dimensions

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

Power

Max. power with electronic transfo.	1200 W
Total power loss under IN	8 W
Output power	2300 W
Max. switching power	11500 W
Conventional transformers	1600 VA
Electronic transformers	1200 W

Materials

Colour	light grey
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Lighting control

Fluorescent lamps with electronical ballast (EB)	20 x 36 W
- uncompensated	1200 VA

Fluorescent bulbs control

Energy-saving lamps	12 x 23 W
Power lighting fluo lamps	18x23W
Max. power fluo. duo lamp comp. series	20 x 36 W
Fluorescent lamps parallel compensated	1500 W /200 µF

LED control

Max number of LED/CFL lamps	18
230V LED lamps	18 x 23 W
Power LED	216 W
LED	Status LED integrated in manual operation button

Incandescent bulbs control

Max. power with incandescent lamps	2300 W
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
230 V incandescent lamps and halogen lamps	2300 W

Connection

Connection cross-sect. flexible conductor	0,75 / 2,5mm ²
Connection cross-sect. rigid cable	0,75 / 2.5mm ²
Type of load	C-Load
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

Potential-free with potential-free NO contacts as well as NC contact parameterisable

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

Device family TYA

Main design line KNX