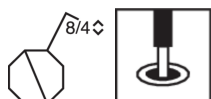


TYA608C



Output module 8x 16A /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 current	16 A
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Voltage

Auxiliary voltage	230 V AC
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
Switching current at $\cos \varphi = 0.8$	max. 16 A

Dimensions

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

Power

Total power loss under IN	12 W
Output power	2300 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	18 x 23 W
Power lighting fluo lamps	18x23W
Max. power fluo. duo lamp comp. series	20 x 36 W

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
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
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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

REACH conform No

RoHS conform Yes

Halogen free No

Use conditions

Operating temperature -5...45 °C

Storage/transport temperature -20...70 °C

Identification

Main design line KNX