



Output module 10x 16A /230V~, KNX

TYA610C

Architecture

Bus system	yes
Fixing mode	REG

Functions

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

Controls and indicators

Indicator lamp	yes
<ul style="list-style-type: none"> - Manual operation can be activated via selection switch, thereby deactivation of the KNX function - manual operation per channel using button (single-area operation) - with illuminated programming button - status LED integrated in the manual operation button - manual operation buttons for on/off (up/down) and bus function on/off per channel/device 	

Main electrical features

Rated current	16 A
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Voltage

Operating voltage over bus	21 32 V DC
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Electric current

Bus current consumption (idle)	~ 8 mA
Switching current at $\cos \varphi = 0.8$	max. 16 A

Power

Total power loss under IN	1,5 W
Power dissipation per coil	0,15 W
Conventional transformers	1600 VA
Electronic transformers	1200 W

Materials

Colour	light grey
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Dimensions

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

Lighting control

Fluorescent lamps with electronical ballast (EB)	20 x 36 W
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Fluorescent bulbs control

Energy-saving lamps	18 x 23 W
Max. power fluo. duo lamp comp. series	20 x 36 W

LED control

Lighting power LED lamps	216 W
230V LED lamps	18 x 23 W
- Status LED integrated in manual operation button	

Incandescent bulbs control

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

Connection

Conductor cross-section (flexible)	0,75 2,5 mm ²
Conductor cross-section (rigid)	0,75 2,5 mm ²
Connection cross-sect. rigid cable	0,75 / 2,5mm ²
Connection cross-sect. flexible conductor	0,75 / 2,5mm ²
Type of connection	quick connect
Type of contacts	10NO

- with integral bus coupling unit
- with QuickConnect plug-in terminals
- bus connection via connecting terminal

Settings

- switching time on change of direction adjustable

Equipment

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

Use

- with plug-in terminals

Safety

Protection index IP	IP20
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Use conditions

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

Identification

Main design line	KNX
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