



TYA610A



Output module 10x 4A /230V~, KNX

Technical properties

Architecture

Bus system	KNX
Fixing mode	REG

Functions

Multi-phase mode	suitable to switch different external conductors
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Configuration

Number of modules	6
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Controls and indicators

Indicator lamp	yes
Manual selection switches / push-buttons	manual operation buttons for on/off (up/down) and bus function on/off per channel/device

Main electrical features

Rated current	4 A
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Voltage

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

Electric current

Bus current consumption (data transfer)	16 mA
Bus current consumption (idle)	8 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	0.7 W
Power dissipation per coil	0.15 W
Output power	800 W
Conventional transformers	800 VA
Electronic transformers	800 VA

Materials	
Colour	light grey
Lighting control	
Fluorescent lamps with electronical ballast (EB)	12 x 36 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
Power LED	72 W
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	
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
Bus connection	bus connection via connecting terminal
Settings	
Supported configuration modes	system
Scope of delivery	
Bus connection included	Yes
Equipment	
Modular expandability	No
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