



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
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Lighting control

Fluorescent lamps with electronical ballast (EB)	12 x 36 W
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Fluorescent bulbs control

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

Max number of LED/CFL lamps	6
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Power LED	72 W
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Incandescent bulbs control

Max. power with incandescent lamps	800 W
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230 V incandescent lamps	800 W
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230 V halogen lamps	800 W
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230 V incandescent lamps and halogen lamps	800 W
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Connection

Conductor cross-section (flexible)	0.75...2.5 mm ²
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Conductor cross-section (rigid)	0.75...2.5 mm ²
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Bus coupling unit	with integral bus coupling unit
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Bus connection	bus connection via connecting terminal
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Settings

Supported configuration modes	system
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Scope of delivery

Bus connection included	Yes
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Equipment

Modular expandability	No
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Safety

Protection index IP	IP20
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Use conditions

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

Main design line	KNX
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