



TYA610B



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

Technical characteristics

Architecture

Fixing mode REG

Functions

Multi-phase mode suitable to switch different external conductors

Configuration

Number of modules 6

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 10 A

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 10 A

Switching current at $\cos \varphi = 0.8$ max. 10 A

Dimensions

Width of rail mounted device (RMD) 6 modules

Height 90 mm

Width 105 mm

Power

Max. power with electronic transfo. 1000 W

Total power loss under IN 0.7 W

Power dissipation per coil 0.15 W

Output power 1200 W

Conventional transformers 1200 VA

Electronic transformers 1000 W

Lighting control

Fluorescent lamps with electronical ballast (EB)	15 x 36 W
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Fluorescent bulbs control

Energy-saving lamps	12 x 23 W
Power lighting fluo lamps	12x23W
Max. power fluo. duo lamp comp. series	15 x 36 W

LED control

Max number of LED/CFL lamps	12
Power LED	144 W

Incandescent bulbs control

Max. power with incandescent lamps	1200 W
230 V incandescent lamps	1200 W
230 V halogen lamps	1200 W
230 V incandescent lamps and halogen lamps	1200 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
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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
Storage/transport temperature	-20...70 °C

Identification

Main design line	KNX
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