



TYA610B



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

### Technical properties

#### 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**

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

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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**

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

**Incandescent bulbs control**

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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**

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

**Settings**

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Supported configuration modes	system
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**Scope of delivery**

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Bus connection included	Yes
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**Equipment**

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Modular expandability	No
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**Safety**

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Protection index IP	IP20
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**Use conditions**

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

**Identification**

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Main design line	KNX
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