



TYA610B



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

### Technical properties

#### Architecture

Fixing mode	REG
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#### 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	10 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	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 <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**

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
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
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