



TYA610D



**Output module 10x 16A (C)/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 operational voltage  $U_e$  230 V

Rated current 16 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 16 A

Rated current 16 A

**Dimensions**

Depth 65 mm

Width of rail mounted device (RMD) 6 modules

Height 90 mm

**Power**

Max. power with electronic transfo. 1200 W

Total power loss under IN 1.5 W

Output power 2300 W

Max. switching power 14375 W

Conventional transformers 1600 VA

Electronic transformers 1200 W

**Materials**

Colour	light grey
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**Lighting control**

Fluorescent lamps with electronical ballast (EB)	20 x 36 W
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- uncompensated	1200 VA
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**Fluorescent bulbs control**

Energy-saving lamps	12 x 23 W
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Power lighting fluo lamps	18x23W
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Max. power fluo. duo lamp comp. series	20 x 36 W
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Fluorescent lamps parallel compensated	1500 W /200 µF
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**LED control**

Max number of LED/CFL lamps	18
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Power LED	216 W
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**Incandescent bulbs control**

Max. power with incandescent lamps	2300 W
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230 V incandescent lamps	2300 W
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230 V halogen lamps	2300 W
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230 V incandescent lamps and halogen lamps	2300 W
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**Connection**

Conductor cross-section (flexible)	0.75...2.5 mm <sup>2</sup>
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Conductor cross-section (rigid)	0.75...2.5 mm <sup>2</sup>
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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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