



TYA610C



## Output module 10x 16A /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 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

Switching current at  $\cos \varphi = 0.8$  max. 16 A

#### Dimensions

Depth 65 mm

Width of rail mounted device (RMD) 6 modules

Height 90 mm

#### Power

Total power loss under IN 1.5 W

Power dissipation per coil 0.15 W

Output power 2300 W

Conventional transformers 1600 VA

Electronic transformers 1200 W

#### Materials

Colour	light grey
<b>Lighting control</b>	
Fluorescent lamps with electronical ballast (EB)	20 x 36 W
- uncompensated	1200 VA
<b>Fluorescent bulbs control</b>	
Energy-saving lamps	18 x 23 W
Power lighting fluo lamps	18x23W
Max. power fluo. duo lamp comp. series	20 x 36 W
<b>LED control</b>	
Max number of LED/CFL lamps	18
Power LED	216 W
<b>Incandescent bulbs control</b>	
Max. power with incandescent lamps	2300 W
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
230 V incandescent lamps and halogen lamps	2300 W
<b>Connection</b>	
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
<b>Settings</b>	
Supported configuration modes	system
<b>Scope of delivery</b>	
Bus connection included	Yes
<b>Equipment</b>	
Modular expandability	No
<b>Safety</b>	
Protection index IP	IP20
<b>Use conditions</b>	
Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C
<b>Identification</b>	
Main design line	KNX