



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 ²
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Conductor cross-section (rigid)	0.75...2.5 mm ²
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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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