



TYA610C



Output module 10x 16A /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	16 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	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
Lighting control	
Fluorescent lamps with electronical ballast (EB)	20 x 36 W
- uncompensated	1200 VA
Fluorescent bulbs control	
Energy-saving lamps	18 x 23 W
Power lighting fluo lamps	18x23W
Max. power fluo. duo lamp comp. series	20 x 36 W
LED control	
Max number of LED/CFL lamps	18
Power LED	216 W
Incandescent bulbs control	
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
Connection	
Conductor cross-section (flexible)	0.75...2.5 mm ²
Conductor cross-section (rigid)	0.75...2.5 mm ²
Bus coupling unit	with integral bus coupling unit
Bus connection	bus connection via connecting terminal
Settings	
Supported configuration modes	system
Scope of delivery	
Bus connection included	Yes
Equipment	
Modular expandability	No
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