TYA604B

Output module 4x 10A /230V~, KNX

Technical properties

Architecture

Fixing mode	REG

Functions

Multi-phase mode	suitable to switch different external conductors

Configuration

Number of modules	4

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

Voltage

Operating voltage over bus	21...32 V DC
System supply voltage	30V DC via bus

Electric current

Bus current consumption (data transfer)	4 mA
Bus current consumption (idle)	3 mA
Number of entry circuits	0
Maximum through current	10 A
Switching current at cos φ = 0.8	max. 10 A

Dimensions

Width of rail mounted device (RMD)	4 modules
Height	90 mm
Width	70 mm

Power

Max. power with electronic transfo.	1000 W
Total power loss under IN	3 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

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 mm²
Conductor cross-section (rigid)	0.75...2.5 mm²
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