



1 flush mounted output 4A twisted pair

TYB601A

Architecture

Bus system	KNX
Fixing mode	flush-mounting
Technical version	1 gang

Functions

- for 1 phase operation
- for switching e.g. 1 load

Controls and indicators

Indicator lamp	yes
- with manual operation on/off	
- with illuminated programming button/button for manual operation	

Main electrical features

Frequency	50/60 Hz
Rated current	4 A
Rated operational voltage Ue	230 V

Voltage

Max. switching capacity at	230 V AC
Operating voltage over bus	21 32 V DC

Electric current

Bus current consumption (idle)	~ 5 mA
Switching current at $\cos \varphi = 0.8$	max. 4 A

Power

Conventional transformers	600 VA
Electronic transformers	600 W

Materials

Colour	light grey
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Dimensions

Height of installed product	29 mm
Height	29 mm
Dimensions (Ø x H)	53 x 29 mm

Lighting control

Fluorescent lamps with electronical ballast (EB)	6 x 58 W
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Fluorescent bulbs control

Energy-saving lamps	6 x 18 W
Max. power fluo. duo lamp comp. series	12 x 36 W

LED control

Lighting power LED lamps	108 W
- with red programming LED	
- with status LED	

Incandescent bulbs control

230 V halogen lamps	600 W
230 V incandescent lamps and halogen lamps	600 W
Max. power with incandescent lamps	600 W
230 V incandescent lamps	600 W

Connection

Conductor cross-section (flexible)	0,75 2,5 mm ²
Conductor cross-section (rigid)	0,75 2,5 mm ²
Connection cross-sect. rigid cable	0,75 / 2,5mm ²
Connection cross-sect. flexible conductor	0,75 / 2,5mm ²
Type of connection	quick connect
Type of contacts	1NO
- with integral bus coupling unit	
- with screw terminals	
- bus connection via connecting terminal	

Accessories included

- installation in flush-mounted or splash-protected junction box

Use

- with screw-in lift terminals

Safety

Protection index IP	IP20
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Use conditions

Operating temperature	-5 45 °C
Storage temperature	-20 to 70 °C
Storage/transport temperature	-20 70 °C

Identification

Main design line	KNX
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