



TYB602A



## 2 flush mounted output 4A twisted pair

### Technical properties

#### Architecture

Bus system	KNX
Fixing mode	flush-mounting

#### Functions

Multi-phase mode	for 1 phase operation
Switching	for switching, e.g. of 2 independent loads

#### Configuration

Number of modules	0
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#### Controls and indicators

Indicator lamp	yes
Operation	with manual operation on/off per channel
Button / push-button	2 buttons for manual operation and programming

#### Main electrical features

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

#### Voltage

Max. switching capacity at	230 V AC
Operating voltage over bus	21...32 V DC
Output voltage	230 V~
System supply voltage	30V DC via bus

#### Electric current

Bus current consumption (data transfer)	$\approx 7$ mA
Bus current consumption (idle)	5 mA
Number of entry circuits	0
Maximum through current	4 A
Rated current	4 A
Switching current at $\cos \varphi = 0.8$	max. 4 A

#### Dimensions

Height of installed product	29 mm
Dimensions ( $\varnothing$ x H)	53 x 29 mm
Width of rail mounted device (RMD)	0 modules
Height	29 mm

**Power**

Max. power with electronic transfo.	600 W
Output power	500 W
Max. switching power	1000 W
Conventional transformers	600 VA
Electronic transformers	per channel 600 W

**Materials**

Colour	light grey
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**Lighting control**

Fluorescent lamps with electronical ballast (EB)	6 x 58 W
- uncompensated	600 W

**Fluorescent bulbs control**

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

**LED control**

Power LED	108 W
LED	with red programming LED ; with 2 status LEDs

**Incandescent bulbs control**

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

**Connection**

Connection cross-sect. flexible conductor	0,75 / 2,5mm <sup>2</sup>
Connection cross-sect. rigid cable	0,75 / 2.5mm <sup>2</sup>
Conductor cross-section (flexible)	0.75...2.5 mm <sup>2</sup>
Conductor cross-section (rigid)	0.75...2.5 mm <sup>2</sup>
Type of contacts	2NO
Bus coupling unit	with integral bus coupling unit
Bus connection	bus connection via connecting terminal
Type of connection	quick connect

**Settings**

Supported configuration modes	system
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**Scope of delivery**

Bus connection included	Yes
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**Accessories included**

Box	installation in flush-mounted or splash-protected junction box
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**Equipment**

Subject to technical modifications

Modular expandability	No
<b>Use</b>	
Differentiation characteristic 3 - Sales	with screw-in lift terminals
<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