



TYBS601B

**Output module 1x 10A /230V~, flush mounted, KNX**

**Technical properties**

**Architecture**

Bus system	KNX
------------	-----

**Functions**

Multi-phase mode	for 1 phase operation
Switching	for switching e.g. 1 load

**Configuration**

Number of modules	0
-------------------	---

**Controls and indicators**

Indicator lamp	yes
Operation	with manual operation on/off
Button / push-button	combined button for manual operation and programming

**Main electrical features**

Rated operational voltage $U_e$	230 V
Frequency	50/60 Hz
Rated current	10 A

**Voltage**

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

**Electric current**

Bus current consumption (data transfer)	7 mA
Bus current consumption (idle)	5 mA
Number of entry circuits	0
Maximum through current	10 A
Rated current	10 A
Switching current at $\cos \varphi = 0.8$	max. 10 A
Withstand current in AC1 for the contact path or zone 1	10 A

**Dimensions**

Height of installed product	44 mm
Dimensions (LLxwwxhh)	44x43x22 mm
Width of rail mounted device (RMD)	0 modules

Height	44 mm
<b>Power</b>	
Max. power with electronic transfo.	600 W
Total power loss under IN	0.6 W
Output power	500 W
Max. switching power	600 W
Conventional transformers	600 VA
Electronic transformers	600 W
<b>Lighting control</b>	
Fluorescent lamps with electronical ballast (EB)	6 x 58 W
- uncompensated	600 W
<b>Fluorescent bulbs control</b>	
Quantity energy-saving lamps	max. 5
Energy-saving lamps	5 x 15 W
Power lighting fluo lamps	5 x 15W
Max. power fluo. duo lamp comp. series	6 x 58W
<b>LED control</b>	
Quantity LED lamps	max. 5
230V LED lamps	5 x 15 W
Power LED	75 W
LED	with red programming LED ; with status LED
<b>Incandescent bulbs control</b>	
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
<b>Connection</b>	
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>
Number of contacts	1
Type of contacts	2NO
Bus coupling unit	with integral bus coupling unit
Type of connection	with screw terminals
Bus connection	bus connection via pre-assembled cable with bus connection terminal
Type of connection	with screw
<b>Settings</b>	
Supported configuration modes	system
<b>Scope of delivery</b>	

Subject to technical modifications

Bus connection included

Yes

---

**Accessories included**

---

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

---

**Equipment**

---

Modular expandability No

Potential-free with potential-free NO contact as well as NC contact parameterisable

---

**Use**

---

Differentiation characteristic 3 - Sales with screw-in lift terminals

---

**Safety**

---

Halogen free No

---

**Use conditions**

---

Operating temperature -5...45 °C

Storage/transport temperature -20...70 °C

---

**Identification**

---

Device family TYB

Main design line KNX