



TYBS601B

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

Technical properties

Architecture

Bus system	KNX
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Functions

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

Configuration

Number of modules	0
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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 Ue	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 $\cos \phi = 0.8$	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
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Power

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

Lighting control

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

Fluorescent bulbs control

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

LED control

Quantity LED lamps	max. 5
230V LED lamps	5 x 15 W
Power LED	75 W
LED	with red programming LED ; with status LED

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 ²
Connection cross-sect. rigid cable	0,75 / 2.5mm ²
Conductor cross-section (flexible)	0.75...2.5 mm ²
Conductor cross-section (rigid)	0.75...2.5 mm ²
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

Settings

Supported configuration modes	system
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Scope of delivery

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