



TXB601B



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

Technical properties

Architecture

Bus system	yes
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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	test mode/building site mode can be activated via programming button ; manual operation in test mode via programming button (single-area operation)
Button / push-button	with illuminated programming button/button for manual operation

Main electrical features

Rated operational voltage Ue	230 V
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
Max. switching 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
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Dimensions (LLxwxhh)	44x43x22 mm
Width of rail mounted device (RMD)	0 modules
Height	44 mm
Power	
Max. power with electronic transfo.	600 W
Breaking capacity	max. 600 W
Total power loss under IN	0.6 W
Output power	600 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
Fluorescent bulbs control	
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	
230V LED lamps	5 x 15 W
Power LED	75 W
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	0,5 / 2,5mm ²
Connection cross-sect. rigid cable	0,5 / 2,5mm ²
Conductor cross-section (flexible)	0.5...2.5 mm ²
Conductor cross-section (rigid)	0.5...2.5 mm ²
Number of contacts	1
Type of contacts	1NO
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, easy
Scope of delivery	
Bus connection included	Yes

Subject to technical modifications

Accessories included

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

Modular expandability	No
Potential-free	with potential-free normally-open contact

Safety

REACH conform	No
RoHS conform	Yes
Halogen free	No

Use conditions

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

Identification

Device family	TXB
Main design line	KNX