



TXB602F



Output module 2x 6A /230V~, flush mounted, KNX

Technical properties

Architecture

Bus system	yes
Number of blinds/shutters outputs	1

Functions

Multi-phase mode	for 1 phase operation
Function	with positioning function for blind and lamella position ; with safety functions e.g. for wind, rain, alarm
Switching	for switching e.g. 2 independent loads or activation of a drive

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)
Control	for activation of a drive for alternating current
Button / push-button	with illuminated programming button

Main electrical features

Rated operational voltage U_e	230 V
Rated current	6 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 switching current	6 A
Maximum through current	6 A
Rated current	6 A
Switching current at $\cos \varphi = 0.8$	max. 6 A

Withstand current in AC1 for the contact path or zone 1

6 A

Dimensions

Height of installed product	44 mm
Dimensions (LLxwxhh)	44 x 43 x 22 mm
Width of rail mounted device (RMD)	0 modules
Height	44 mm

Power

Max. power with electronic transfo.	500 W
Total power loss under IN	0.5 W
Output power	500 W
Max. switching power	1200 W
Conventional transformers	500 VA
Electronic transformers	500 W

Measurement

Input scanning voltage	12 V DC V DC
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Lighting control

Fluorescent lamps with electrical ballast (EB)	6 x 48 W
- uncompensated	500 VA

Fluorescent bulbs control

Energy-saving lamps	5 x 13 W
Power lighting fluo lamps	5 x 13W
Max. power fluo. duo lamp comp. series	6 x 48W

LED control

Max number of LED/CFL lamps	5
230V LED lamps	5 x 13 W
Power LED	65 W

Incandescent bulbs control

Max. power with incandescent lamps	500 W
230 V incandescent lamps and halogen lamps	500 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	2
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

easy, system

Setting

Switching time on change of direction is preset

Scope of delivery

Bus connection included

Yes

Equipment

Number of outputs

2

Modular expandability

No

Use

Differentiation characteristic 3 - Sales

with screw terminals

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