



TYB601A



1 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. 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	with illuminated programming button/button for manual operation

Main electrical features

Rated operational voltage Ue	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)	≈ 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 $\cos \phi = 0.8$	max. 4 A

Dimensions

Height of installed product	29 mm
Dimensions (Ø 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	600 W
Max. switching power	600 W
Conventional transformers	600 VA
Electronic transformers	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 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
Type of contacts	1NO
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

Modular expandability	No
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Use

Differentiation characteristic 3 - Sales	with screw-in lift terminals
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Safety

Protection index IP	IP20
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Use conditions

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

Main design line	KNX
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