



TYB601A



**1 flush mounted output 4A twisted pair**

**Technical characteristics**

**Architecture**

Bus system	KNX
Fixing mode	flush-mounting

**Configuration**

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

**Controls and indicators**

Indicator lamp	yes
----------------	-----

**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
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 $\cos \varphi = 0.8$	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
--------	------------

**Lighting control**

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

**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**

Conductor cross-section (flexible)	0.75...2.5 mm <sup>2</sup>
------------------------------------	----------------------------

Conductor cross-section (rigid)	0.75...2.5 mm <sup>2</sup>
---------------------------------	----------------------------

Type of contacts	1NO
------------------	-----

Bus coupling unit	with integral bus coupling unit
-------------------	---------------------------------

Type of connection	with screw terminals
--------------------	----------------------

Bus connection	bus connection via connecting terminal
----------------	--

**Settings**

Supported configuration modes	system
-------------------------------	--------

**Scope of delivery**

Bus connection included	Yes
-------------------------	-----

**Accessories included**

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

**Equipment**

Modular expandability	No
-----------------------	----

**Use**

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

**Safety**

Protection index IP	IP20
---------------------	------

**Use conditions**

Operating temperature	-5...45 °C
-----------------------	------------

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

