



TYB673A



**KNX LED Controller 3 Channels constant voltage**

**Technical properties**

**Architecture**

Bus system KNX

**Functions**

Number of function channels 3

Bus module detachable No

Multi-phase mode for 1 phase operation

Function Calling up of 60 light scenes ; Calling up of 4 different colour sequences with up to 12 colours per sequence

**Configuration**

Number of modules 0

**Controls and indicators**

Indicator lamp yes

Control Brightness setting of voltage-controlled LED modules

Button / push-button with programming button and red programming LED

**Main electrical features**

Rated current 12 mA

**Voltage**

Input voltage 12...24 V DC

Operating voltage over bus 21...32 V DC

**Electric current**

Bus current consumption (data transfer) max. 12 mA

Maximum through current 2 A

Output current per channel max. 2.2 A

**Fuse**

Fuse short-circuit proof and overload proof (display using LEDs) ; overheating protection (display using LEDs)

**Dimensions**

Width of rail mounted device (RMD) 0 modules

**Incandescent bulbs control**

Max. power with incandescent lamps 155 W

**Connection**

Conductor cross-section (flexible) 0.75...1.5 mm<sup>2</sup>

Conductor cross-section (rigid)	0.75...1.5 mm <sup>2</sup>
Bus coupling unit	with integral bus coupling unit
Type of connection	with screw terminals
Bus connection	bus connection via connecting terminal
<b>Cable</b>	
Load cable length	max. 10 m
<b>Settings</b>	
Supported configuration modes	system
<b>Scope of delivery</b>	
Bus connection included	Yes
<b>Equipment</b>	
Number of outputs	1
Number of inputs	1
Substation input	No
Modular expandability	No
Dimming principle	with pulse width modulation (PWM)
Interface 1-10 V	No
<b>Use</b>	
Differentiation characteristic 3 - Sales	with screw terminals
<b>Safety</b>	
Protection	with overheating, overload and short-circuit protection
<b>Use conditions</b>	
Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C
<b>Identification</b>	
Main design line	KNX
<b>Instructions</b>	
Special note text	The power supply selected must be compatible with the load connected to the device. ; Caution! Connected loads depend on external LED power supply. Observe manufacturer's data.