



TYB673A



KNX LED Controller 3 Channels constant voltage

Technical characteristics

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 mm²

Conductor cross-section (rigid)	0.75...1.5 mm ²
Bus coupling unit	with integral bus coupling unit
Type of connection	with screw terminals
Bus connection	bus connection via connecting terminal
Cable	
Load cable length	max. 10 m
Settings	
Supported configuration modes	system
Scope of delivery	
Bus connection included	Yes
Equipment	
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
Use	
Differentiation characteristic 3 - Sales	with screw terminals
Safety	
Protection	with overheating, overload and short-circuit protection
Use conditions	
Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C
Identification	
Main design line	KNX
Instructions	
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.