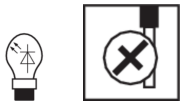
TYB673B



KNX LED Controller 3 Channels constant current

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 current-controlled LED modules
Button / push-button	with programming button and red programming LED

Main electrical features

Rated current	12 mA

Voltage

Input voltage	< 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

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 mm²

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	Set direct current supply before connecting supply voltage for the first time with help of DIP-switch ; Caution! Connected loads depend on external LED power supply. Observe manufacturer's data.