



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 |
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| 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. |