TYA670D

KNX/EIB-DALI GATEWAY

Architecture

Bus system	EIB

Functions

- max. 64 DALI devices in max. 16 EIB groups and max. 16 light scenes
- for switching and controlling electr. ballasts and Tronic transformer with DALI/DSI interface

Controls and indicators

- manual operation also possible without bus, e.g. on building site
- with programming button and red programming LED
- 2 digit red LED display for group indication in manual operation
- 4 manual operation buttons for on/off (brighter/darker) and bus function on/off per channel / device

Main electrical features

Frequency	50/60 Hz

Voltage

Operating voltage	240 V DC
Operating voltage over bus	21 32 V DC
- as DALI master and power supply for DALI devices	

Power

Power consumed	0,15 W
Total power loss under IN	3 W

Materials

RAL colour	RAL 7035 - Light grey
Colour independent of design lines	light grey
Colour	stone grey
Material	plastic
Type of surface treatment	untreated

Dimensions

Depth	70 mm
Height	90 mm
Width	72 mm
Width of rail mounted device (RMD)	4 modules

Connection

Type of load	Dali product

- with integral bus coupling unit
- with screw terminals
- bus connection via connecting terminal

Settings

- DALI device replacement in event of defect or utilisation of ETS is possible

Equipment

Product type:	product type: DALI

- Setting of 16 effects with up to 16 steps for dynamic lighting control
- Integration of the device into DALI emergency lighting systems conforming to IEC 62386-101 with settings and monitoring of emergency mode

Safety

Protection index IP	IP30

Use conditions

Operating temperature	5 45 °C
Storage/transport temperature	-20 70 °C (storage at > 45°C reduces the service life)

Identification

Application, usage	KNX - actuators
Product family	product family: illumination
Main design line	KNX

Instructions

- Groups 1 to 16 can be implemented with up to 64 devices; groups 17-32 with up to 2 devices.