



## KNX/EIB-DALI GATEWAY

TYA670D

### Architecture

Bus system	EIB
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### 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
- 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
- with programming button and red programming LED

### Connectivity

Bus system radio frequent	no
Bus system LON	no
Bus system Powernet	no

### Main electrical features

Frequency	50/60 Hz
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### Voltage

Operating voltage	240 V DC
Operating voltage over bus	21 - 32 V DC
DALI voltage	16 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

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

#### Dimensions

Depth	70 mm
Assembling height as from DIN rail	63 mm
Width of rail mounted device (RMD)	4 modules
Height	90 mm
Width	72 mm

#### Connection

Type of load	Dali product
<ul style="list-style-type: none"> <li>- with integral bus coupling unit</li> <li>- with screw terminals</li> <li>- bus connection via connecting terminal</li> </ul>	

#### Cable

DALI cable length at 1.5 mm <sup>2</sup>	max. 300 m
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#### Settings

Supported configuration modes	system
- DALI device replacement in event of defect or utilisation of ETS is possible	

#### Equipment

Number of outputs	1
Product type:	product type: DALI
<ul style="list-style-type: none"> <li>- Setting of 16 effects with up to 16 steps for dynamic lighting control</li> <li>- Integration of the device into DALI emergency lighting systems conforming to IEC 62386-101 with settings and monitoring of emergency mode</li> </ul>	

#### Safety

Protection index IP	IP30
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#### 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

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