



KNX/EIB-DALI GATEWAY

TYA670D

Architecture

Number of outputs	1
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

Connectivity

Bus system LON	no
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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

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
Assembling height as from DIN rail	63 mm
Width of rail mounted device (RMD)	4 modules

Connection

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

Cable

DALI cable length at 1.5 mm ²	max. 300 m
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Settings

Supported configuration modes	system
<ul style="list-style-type: none"> - DALI device replacement in event of defect or utilisation of ETS is possible 	

Equipment

Product type:	product type: DALI
<ul style="list-style-type: none"> - 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
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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

<ul style="list-style-type: none"> - Groups 1 to 16 can be implemented with up to 64 devices; groups 17-32 with up to 2 devices. 	
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