TYA670D

Gateway KNX/EIB-DALI, 4 modules

Technical properties

Architecture

Bus system	EIB

Functions

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

Configuration

Number of modules	4

Controls and indicators

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

Main electrical features

Frequency	50/60 Hz

Voltage

Operating voltage	240 V DC
Operating voltage over bus	21...32 V DC
DALI voltage	16 V DC
Voltage	as DALI master and power supply for DALI devices

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

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

Connection

Type of load	Dali product
Bus coupling unit	with integral bus coupling unit
Type of connection	with screw terminals
Bus connection	bus connection via connecting terminal

Cable

DALI cable length at 1.5 mm²	max. 300 m

Settings

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

Equipment

Number of outputs	1
Product type:	product type: DALI
Lighting	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

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

Subject to technical modifications