



TYA670WD2

Gateway KNX-DALI 2, tunable white, 4 modules

Technical characteristics

Architecture

Bus system	EIB
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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
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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

Rated operational voltage Ue	110 / 240 V
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
RAL colour	RAL 7035 - Light grey
Material	plastic
Type of surface treatment	untreated

Connection

Type of load	DALI 2 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 mm ²	max. 300 m
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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
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Safety

REACH conform	Yes
RoHS conform	Yes

Use conditions

Operating temperature	5...45 °C
Storage/transport temperature	-25...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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