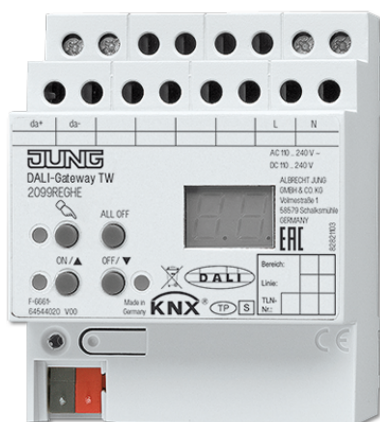


Product data sheet



DALI gateway TW



Reference number

2099 REGHE

DALI gateway TW

Rail mounting device, 4 rail units
with manual electronic operation and LED status indication
ETS product family: Illumination
Product type: Dimmer

Intended use

- Controlling of luminaires and other applications with DALI operating device in KNX installations e.g. electronic ballast
- Mounting on DIN rail according to EN 60715 in distribution boxes

Product characteristics

- Control of up to 64 DALI devices in up to 32 groups
- Individual, group or central addressing
- Suitable for operation in centrally-powered emergency lighting systems
- 16 light scenes
- Effect control for dynamic lighting effects or colour games
- Support of DALI devices with DALI Device Type 8 (Colour Temperature Tc, Tunable White, 1 000 K ... 10 000 K)
- Linear or logarithmic dimming characteristic can be selected
- Read out DALI device state via KNX, e.g. brightness, colour temperature or luminaire error
- Manual operation of the DALI groups
- Restraint function

Technical data

Rated voltage:	AC 110 ... 240 V ~, 50/60 Hz
Rated voltage DC:	DC 110 ... 240 V
Power loss:	max. 3 W
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +70 °C
Rated voltage DALI:	DC 16 V
Number of DALI devices:	max. 64
DALI transmission rate:	1.2 kbit/s
DALI protocol:	EN 62386
Cable type:	Sheathed cable 230 V, e.g. NYM
Cable length DALI	
with 1.5 mm ² :	max. 300 m
with 1.0 mm ² :	max. 238 m
with 0.75 mm ² :	max. 174 m
with 0.5 mm ² :	max. 116 m
Mounting width:	72 mm (4 rail units)
Connection, power supply and DALI:	screw terminals
single wire:	0.5 ... 4 mm ²
stranded without ferrule:	0.5 ... 4 mm ²
stranded with ferrule:	0.5 ... 2.5 mm ²

KNX medium:	TP 256
Rated voltage KNX:	DC 21 ... 32 V SELV
Power consumption KNX:	typical 150 mW
Connection, KNX:	terminal