KNX DALI-2 gateway Colour 2-gang, rail mounting device, 4 rail units, Secure



Reference number:	30128 1S DA2 R
EAN/GTIN:	4011377207080

rail mounting device, 4 rail units

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 box

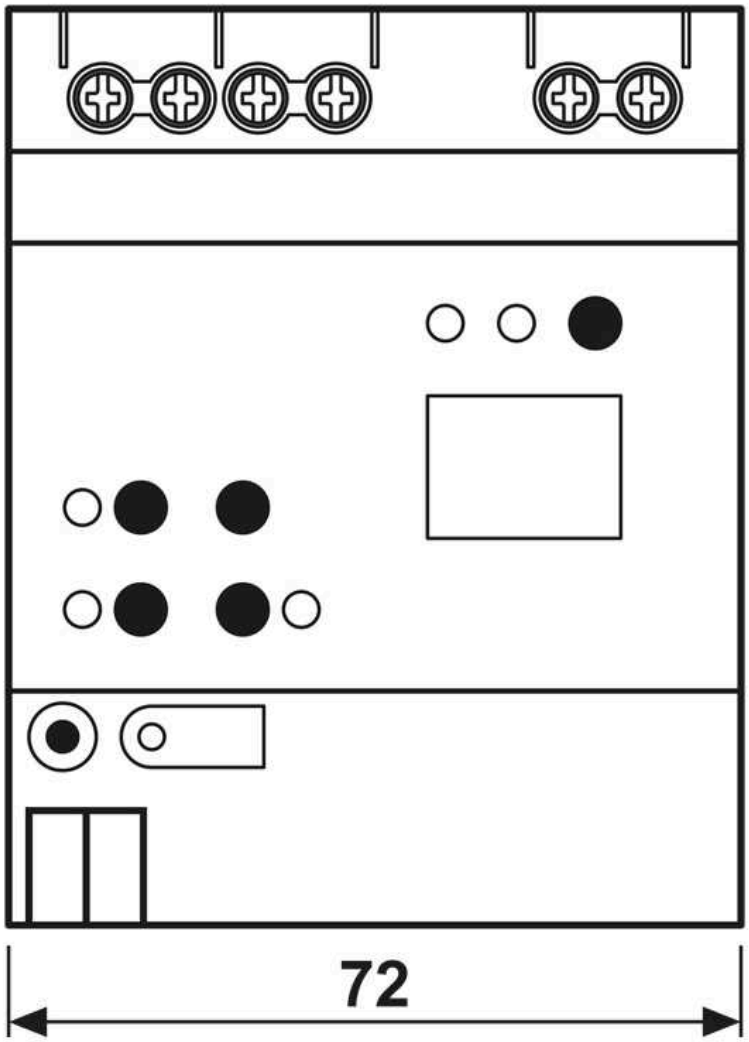
Product characteristics
- DALI-2 certified
- Control of max. 2x 64 DALI devices in max. 2x 32 groups
- Setting of colour temperature or light colour (RGB, RGBW) for luminaires with DALI Device Type 8 acc. to IEC 62386-209
- Short-circuit, overload and overvoltage protected
- Operating hours counter
- Automatic colour circle pass or brightness pass
- HCL mode (Human Centric Lighting), automatic daytime colour temperature gradient
- CT (Colour Transition) mode, automatic day colour gradient
- Suitable for operation with DC voltage of emergency lighting systems
- Individual, group or central addressing
- 16 light scenes per DALI system
- Read out DALI device state via KNX, e.g. brightness or luminaire error
- Manual operation of the DALI groups, individual devices or central (broadcast) separately for each DALI system
- Forced guidance of disabling function
- Feedback of switching state and brightness value in bus and manual operation
- Collective feedback
- Central switching and dimming function
- Disabling function for each DALI group or each individual device
- Separate ON and OFF delay
- Staircase lighting timer with switch-off warning
- Online or offline project design of the DALI devices with ETS-DCA
- Standby switch-off of the DALI devices
- Replacement of a single DALI device of the same type, during operation, possible without software
- KNX Data Secure compatible with ETS 5.7.7 or ETS 6.3.0 or higher
- Can be updated with the ETS Service App

As of device version V01 or software version V2.0.8:
- Multi-master capable: DALI-2 sensors can be used as application controllers
- DALI-2 sensors are supported as input devices in instance mode

Technical data

KNX	
KNX medium:	TP 256
Commissioning mode:	S-mode
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	4.5 ... 5 mA
Connection, KNX:	connection terminal
Power supply	
Rated voltage:	AC 110 ... 240 V ~, 50/60 Hz
Rated voltage:	DC 110 ... 240 V
Power loss:	max. 3 W
DALI	
Rated voltage DALI:	DC 16 V
Output current per DALI system:	typical 128 mA, max. 250 mA for short periods
Guaranteed bus current per DALI system:	148 mA
Addressable DALI operating devices:	max. 64 per DALI system
Addressable DALI sensors:	max. 32 per DALI system
DALI transmission rate:	1.2 kbit/s
DALI protocol:	EN 62386
Starting time:	max. 20 s
Cable type:	sheathed cable 230 V, e,g. NYM
Cable length DALI	
with 0.5 mm²:	max. 116 m
with 0.75 mm²:	max. 174 m
with 1.0 mm²:	max. 238 m
with 1.5 mm²:	max. 300 m
Ambient conditions	
Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-25 ... +70 °C
Mounting width:	72 mm (4 rail units)
Connection, power supply and DALI	
Connection mode:	screw terminals
single wire:	0.5 ... 4.0 mm²
stranded without ferrule:	0.5 ... 4.0 mm²
stranded with ferrule:	0.5 ... 2.5 mm²

Dimensions



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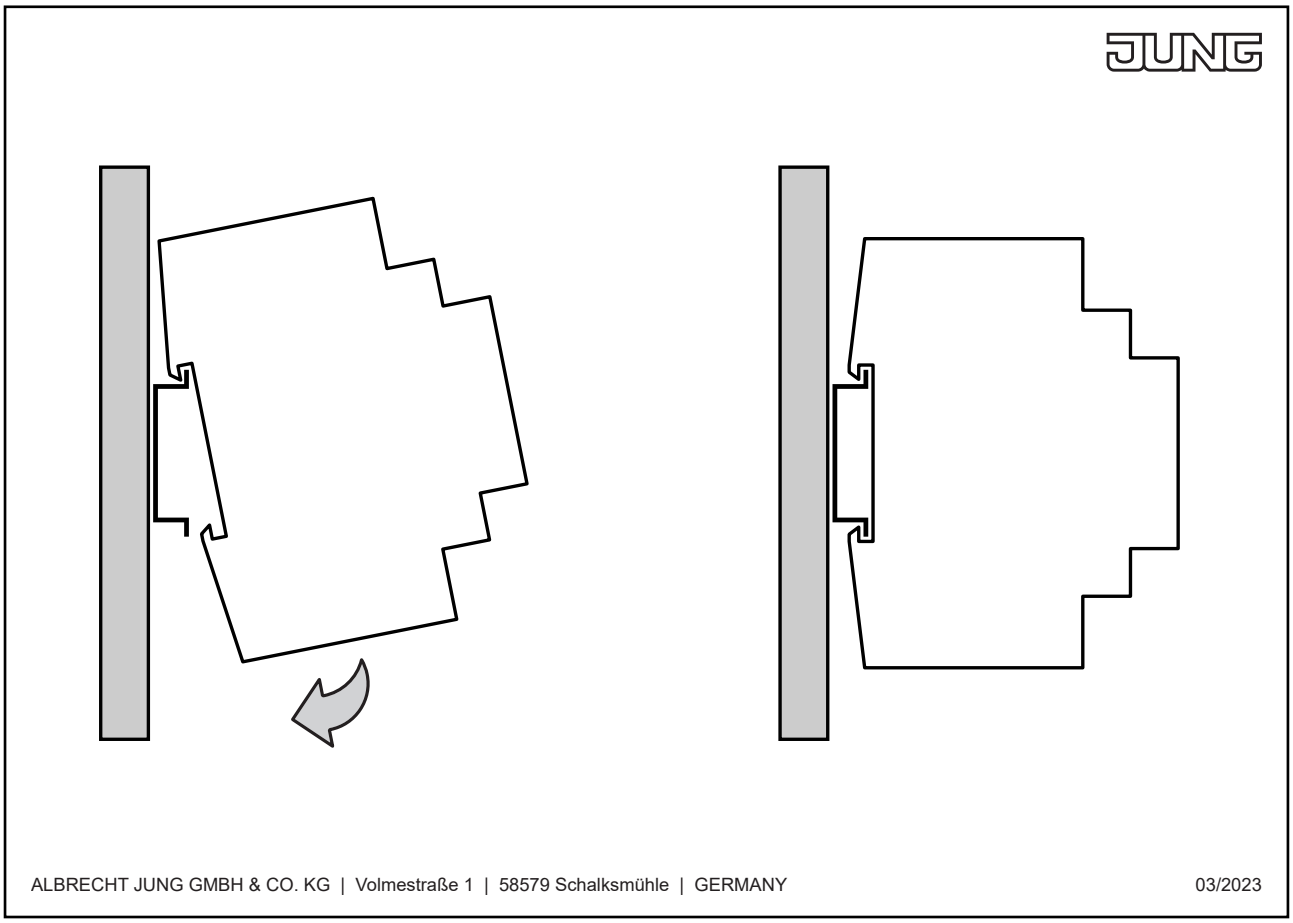
Assembly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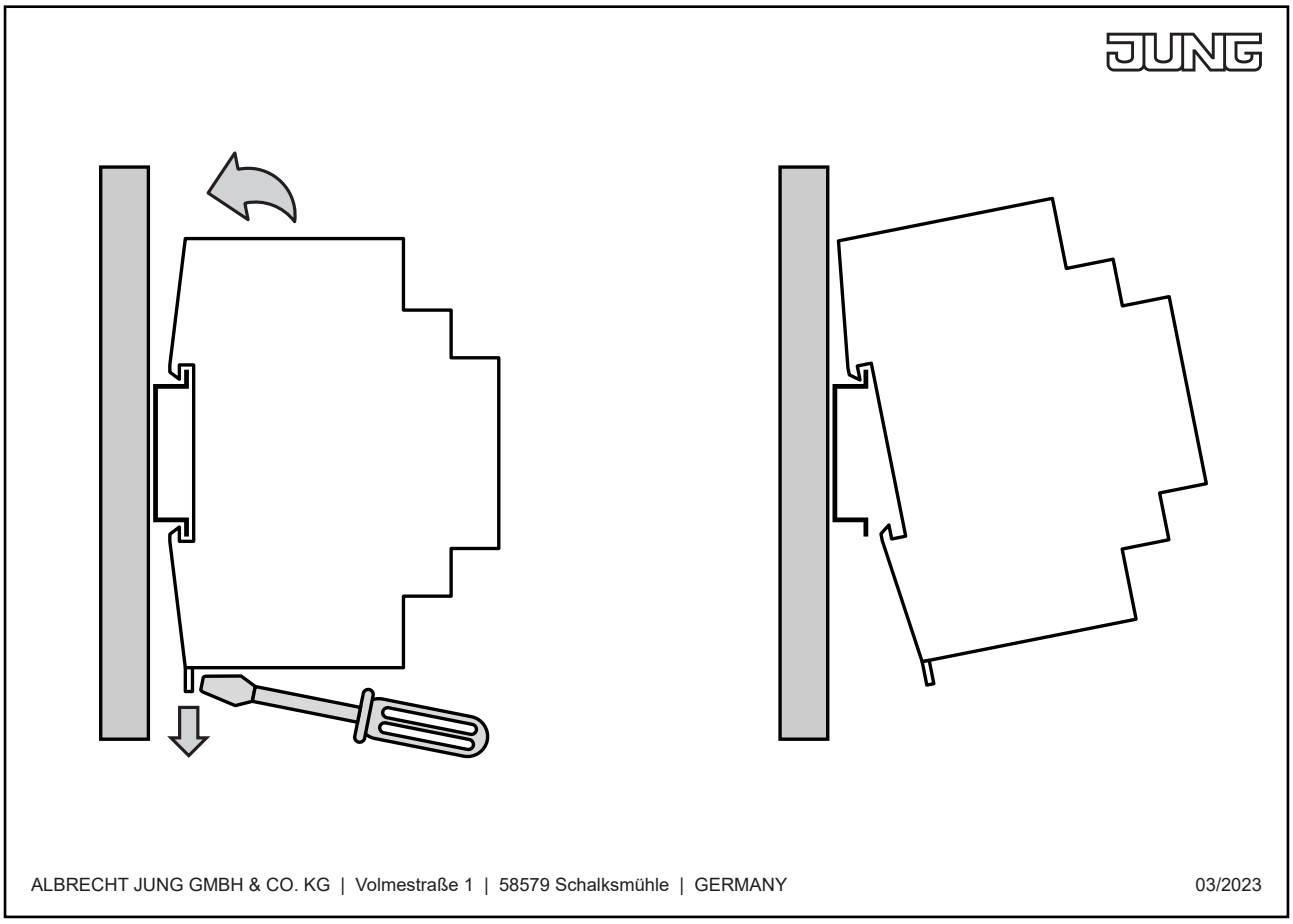
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