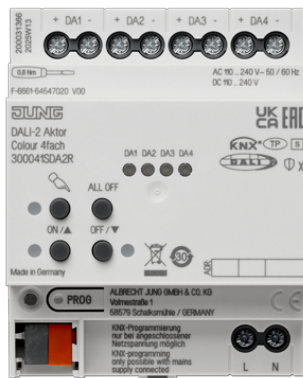


Product data sheet

DALI-2 actuator Colour 4-gang



Reference number

30004 1S DA2 R

KNX DALI-2 actuator Colour 4-gang

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
- Multi-master capable: additional sensors can be installed as application controllers in any DALI system
- Control of up to 128 DALI devices in 4 DALI systems
- Broadcast control of each of the four DALI systems
- 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
- Suitable for operation with DC voltage of emergency lighting systems
- Manual operation of the DALI systems
- Forced guidance of disabling function
- Collective feedback
- Central switching and dimming function
- Disabling function for each DALI system
- Separate ON and OFF delay for each DALI system
- Staircase lighting timer with switch-off warning
- Standby switch-off of the DALI devices
- KNX Data Secure compatible with ETS 5.7.7 or ETS 6.3.0 or higher
- Can be updated with the ETS Service App

Technical data

KNX

KNX medium:	TP 256
Commissioning mode:	S-mode
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	3 ... 4 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
Power consumption:	< 5 W

DALI

Rated voltage DALI:	DC 15.2 V (typ.)
Output current per DALI system:	typical 64 mA, max. 250 mA for short periods

Guaranteed bus current per DALI system:	80 mA
Number of DALI devices:	max. 40 per DALI system $\sum$ DA1 ... DA4 max. 128
DALI transmission rate:	1.2 kbit/s
DALI protocol:	EN 62386
Starting time:	max. 5 s
Cable type:	sheathed cable 230 V, e.g. NYM
Cable length DALI	
with 0.5 mm ² :	max. 116 m
with 0.75 mm ² :	max. 174 m
with 1.0 mm ² :	max. 238 m
with 1.5 mm ² :	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 mm ²
stranded without ferrule:	0.5 ... 4.0 mm ²
stranded with ferrule:	0.5 ... 2.5 mm ²