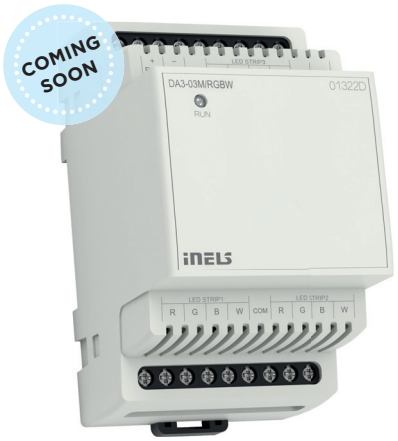
DA3-03M/RGBW | Dimming actuator for RGBW strips



EAN code
DA3-03/RGBW: 8595188184632

- The dimmer for LED strips is used for independent control of 12 channels, so it can be connected to, for example:
  - 3 RGBW led strips
  - 3 RGB led strips + 2 single colour strips
  - 12 single colour LED strips
- The 3-module design of the device with mounting in the switchboard allows the connection of a dimmable load of 3x 15 A or 12x 3.75 A, which represents, for example: 3 pieces of RGBW LED strips 24 V 20W/m = max 18m.
- The dimmer is controlled by the central unit of the iNELS system.
- The power supply of the LED strip is in the range of 0-50V DC.
- Each of the output channels is separately controllable and addressable.
- The actuator is equipped with electronic thermal protection, which switches off the output in case of overheating.
- During installation, it is necessary to leave at least half a module of free space on each side of the actuator for better cooling.
- DA3-03M/RGBW in 3-MODUL design is intended for installation in a switchboard on an EN60715 DIN rail.

Technical parameters	DA3-03M/RGBW	
Output		
Dimmable load:	LED strip 12 V, 24 V, 48 V; RGBW LED strip 12 V, 24 V, 48 V	
Number of channels:	3x 4	12x 1
Surge current:	3x 15 A	12x 3,75 A
Switching voltage:	0–50 V DC stabilized	
Dimmable performance:	max. 400 W	
Communication		
Installation BUS:	BUS	
Power supply		
Supply voltage by BUS/ tolerance:	27 V DC, -20/+10 %	
Rated current:	5 mA (from 27 V DC), from BUS	
Status indication unit:	green LED RUN	
Connection		
Terminal:	max. 2.5 mm²/1.5 mm² with sleeve	
Operating conditions		
Air humidity:	max. 80 %	
Operating temperature:	-20 to +35 °C	
Storing temperature:	-30 to +70 °C	
Protection degree:	IP20 device, IP40 mounting in the switchboard	
Overvoltage category:	II.	
Pollution degree:	2	
Operating position:	vertical	
Installation:	switchboard on DIN rail EN 60715	
Design:	3-MODULE	
Dimensions and weight		
Dimensions:	90 x 52 x 65 mm	
Weight:	170 g	

* Max. Tightening Torque for antenna connector is 0.56 Nm.

Connection