EXTERNAL ANTENNA AN-E

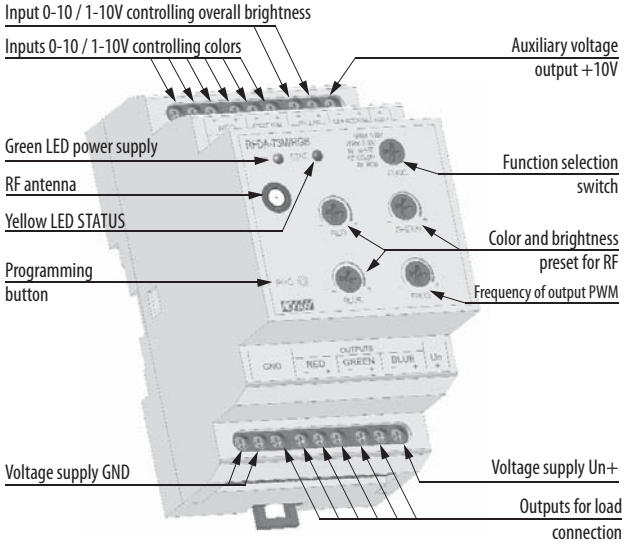
- used to dim LEDs, an LED strip and RGB LED strip with power supply 12-24V DC
- control is performed with RF Control wireless transmitters or signal 0-10V/ 1-10V, or iNELS DAC converter iNELS
- The function (FUNC) selection switch enables setting of colored light scenes
- upon switching off, the set level is stored in the memory, and when switched back on, it returns to the most recently set value
- the load for individual channels is 3x5A, which in practice enables dimming of approx. 60W = an 8m RGB LED strip
- the supply voltage to the equipment and the LED strip must be the same. If the RFDA-73M/RGB is supplied by 12V DC, LED strip / source should also be supplied by 12V DC. The same applies for a supply voltage of 24V DC
- programming is performed button PROG located on the front panel of the device
- supplied with internal antenna SMA (M)
- optional accessories: external antenna AN-E.

More information on p. 45

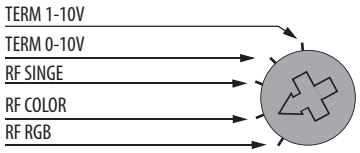
EAN code
RFDA-73M/RGB: 8595188146814
External antenna AN-E: 859415759012
Internal antenna AN-I: 8595188161862

Technical parameters	RFDA-73M/RGB
Supply terminals:	Un+, GND
Supply voltage:	12-24 V DC stabilized
Maximum power without load:	0.8 W
Output	
Dimmed load:	LED strip 12V,24V with common anode RGB LED strips 12V, 24V with common anode
Number of channels:	3
Rated current:	3x5 A
Peak current:	3x10 A
Switching voltage:	Un
Controlling	
RF by command from the transmitter:	868 MHz
Ext. signal:	0-10 V, 1-10V
Ext. signal:	1-10 V
Range in open space:	up to 160 m
Load capacity of output +10V:	10 mA
Further data	
Operating temperature:	-20 up to + 50 °C
Storage temperature:	-30 up to + 70 °C
Working position:	any
Mounting:	DIN rail EN 60715
Protection:	IP 20 from front panel
Contamination degree:	2
Cross-section of connecting wires (mm²):	max 1x2.5, max 2x1.5/ with a hollow max. 1x2.5
Dimensions:	90 x 52 x 65 mm
Weight:	130 g
Related standards:	EN 60730-1; EN 60730-2-11

Description of the device

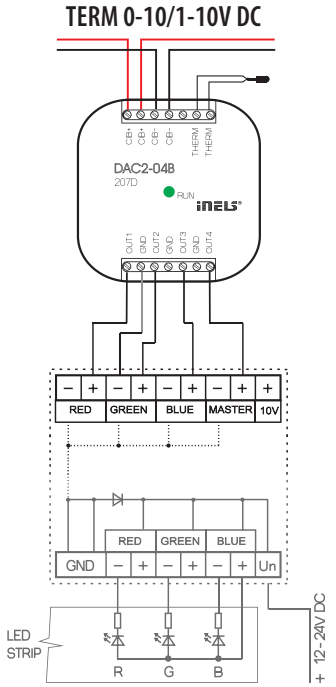


Description of function selection switch:



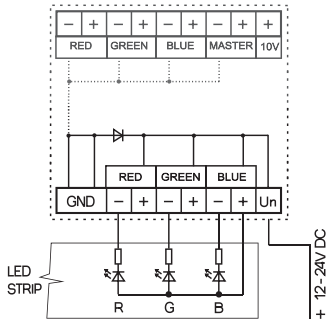
Control options

TERM 0-10/1-10V DC



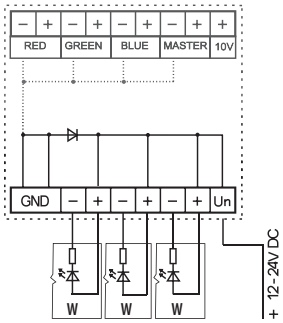
Output variations:

RF RGB
RF COLOR



RGB strip

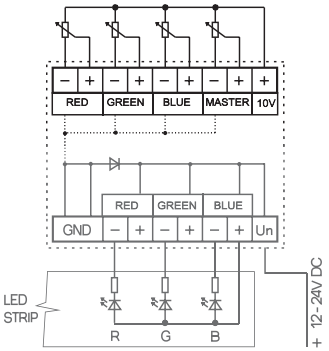
RF SINGLE



Single LED

Control options:

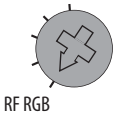
TERM 0-10V DC



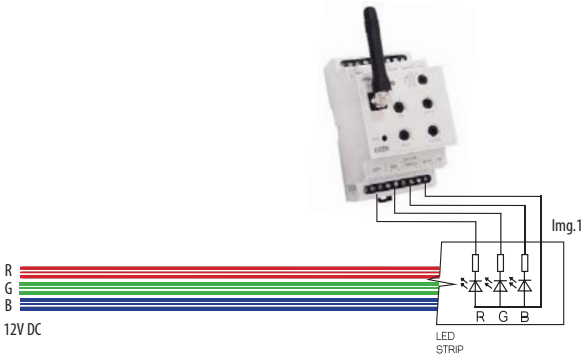
Description of functions

RF RGB

RF RGB mode for controlling RGB LED strips.
In the RF RGB programming mode, colors are automatically assigned to individual transmitter buttons.
Note: It is only possible to use this function for RFWB-40, RF KEY and RFIM-40



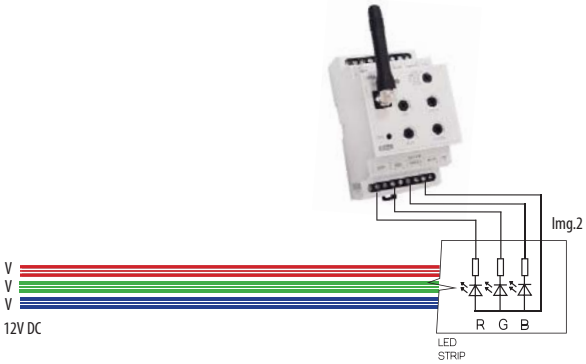
LEGEND
Buttons:
R - red
G - green
B - blue
M - master setting of overall scene brightness



RF COLOR

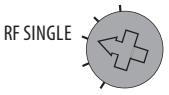
Mode RF COLOR for controlling RGB LED strips, where it is possible to choose the color for an individual transmitter button. The device is brought into programming mode when the strip changes color. By pressing transmitter, the color is automatically set under the given button.
Note: It is only possible to use this function for RFWB-40, RF KEY and RFIM-40

LEGEND
Buttons:
V - free selection of color
V - free selection of color
V - free selection of color
M - master setting of overall scene brightness

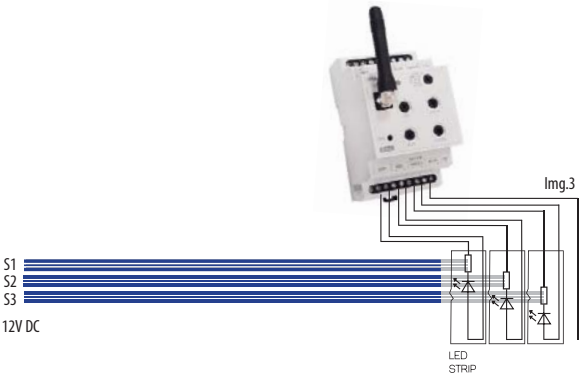


RF SINGLE

Mode RF SINGLE.
It works in a mode, where it acts like 3 separate dimmers for RF SINGLE 12-24 V, meaning it dims 3 blue strips. Each channel can be programmed independent of each other and has its own address.



LEGEND
Buttons:
S1- single color
S2 - single color
S3 - single color
M - master setting of overall scene brightness



TERM 0-10V and TERM 1-10V

MODES TERM 0 -10V AND TERM 1-10V.
Inputs 0 - 10V and 1 -10V serves for controlling iNELS with the help of DAC2-4M or DAC2-04B. So it's possible to combine and control LED strips via iNELS.