



EAN code
CU3-03M: 8595188132404

Technical parameters		CU3-03M
LED Indication		
Green LED RUN:	Indication of the operating state of the unit	
Red LED ERR:	Unit error indication	
TFT display		
displays the current status and settings		
Type:	color TFT	
Resolution:	240x240/1:1 aspect ratio	
Visible area:	26x26 mm	
Controlling:	using arrows	
The internal real-time clock:	accuracy: 1s/day at 23 °C	
Inputs		
Inputs:	8x DIN GS 12-230 V AC/DC (over common COM terminal)	
	4x DIN voltage or current (with adjustable switching in current mode)	
	7x AIN/DIN voltage or current (with adjustable switching in current mode)	
Communication		
BUS		
Maximum number of units:	max. 32 units to one BUS line	
Maximum cable length:	max. 500 m (depends on power loss)	
3x Ethernet		
Connector:	RJ45 on the underside of the product	
Communication speed:	100 Mbps	
Indication of the Ethernet:	3x green - Ethernet communication 3x yellow - Ethernet speed 100 Mbps	
The default IP address (ETH3):	192.168.1.1 (the IP address can be changed in the menu using the display and buttons)	
DALI master:	up to 64 master units, max. 64 slave units	
Maximum number of units:	max. 64 mA (external source connection possible)	
Internal power supply:	Bus power supply	
Power supply		
Supply voltage/tolerance:	27 V DC, -20/+10 %	
Rated current:	110 mA (at 27 V DC)	
Operating conditions		
Working temperature:	-20 to +55 °C	
Storage temperature:	-25 to +70 °C	
Humidity:	max. 80%	
Degree of protection:	IP20 devices, IP40 with cover in the switchboard	
Overvoltage category:	II.	
Degree of pollution:	2	
Operating position:	any	
Installation:	to the switching board on the EN60715 DIN rail	
Design:	6-MODULE	
Terminal:	max. 2.5 mm ²	
Dimensions and weight		
Dimensions:	90 x 105 x 65 mm	
Weights:	257 g	

- CU3-03M is a new, enhanced version of CU3-01M and CU3-02M.
- The new HW equipment allows communication with the DALI bus to connect up to 64 electronic ballasts (the internal power supply of the CU3-03M is capable of supplying connected ballasts up to a nominal value of 64 mA).
- RF Communication Interface for Controlling Wireless Receivers iNELS RF Control (the current list of supported receivers is available in the iNELS Installation Guide).
- The CU3-03M is equipped with three Ethernet ports, one for Ethernet (100 Mbps) connections and two for CU3-03M controllers.
- The CU3-03M has a TFT display that shows the current status and allows some basic unit parameters such as network setup, date, time, or service.
- The movement in the CU3-03M menu is possible by using the directional buttons on the front panel.
- CU3-03M in 6-MODULE are designed for mounting into a switchboard on the EN60715 DIN rail.

iNELS RF Control interface for CU3-03M

Communication protocol:	RF Touch Compatible
Transmitting frequency:	866 MHz/868 MHz/916 MHz
Signal transmission methods:	bidirectionally addressed message
Output for RF antenna:	SMA connector*
RF antenna:	1 dB (part of package)
Free space range:	up to 100 m

DIN = digital input
AOUT = analogue output
AIN = analogue input
GS = galvanically isolated

* Max Tightening Torque for antenna connector is 0.56 Nm.



EAN code
EMDC-64M: 8595188150309

Technical parameters EMDC-64M

Power supply

Supply voltage/tolerance/ Rated current:	AC 230 V (50 - 60 Hz)/ -15/+10 %/max. 100 mA
DALI power supply:	16 V, 250 mA
Dissipated power:	max. 3 W

Communication

Input interface:	EBM BUS (RS485 communication)
Output interface:	DALI (max. 64 ballasts) DMX (max. 32 receivers, with repeater to 64)

Indication

Power supply:	green LED Un
Error surge or short DALI:	illuminated red LED ERR
Indication of unit status:	LED DALI/DMX (see iNELS installation handbook)

Operating conditions

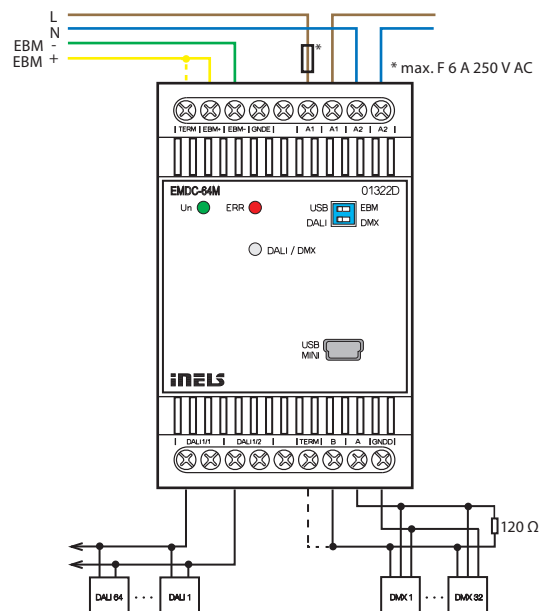
Relative humidity:	max. 80 %
Operating temperature:	-20°C to +55°C
Storage temperature:	-30°C to +70°C
Protection degree:	IP20 device, IP40 mounitg in the switchboard
Control device purpose:	operating control device
Control device construction:	individual control device
Characteristic of automatic action:	2.5 kV
Overvoltage category:	II.
Pollution degree:	2
Operating position:	vertical
Installation:	into switchboard on DIN rail EN60715
Implementation:	3-MODULE

Dimension and weight

Dimension:	90 x 52 x 65 mm
Weight:	140g

- The unit EMDC-64M is designed to control DALI electronic ballasts and DMX receivers from the iNELS system.
- EMDC-64M enables control of up to 64 independent electronic ballasts DALI (Digital Addressable Lighting Interface) for fluorescent lamps, LEDs and other light sources.
- EMDC-64M also enables connection of up to 32 receivers DMX (Digital MultipleX) in a single segment. When used repeaters can control up to 64 devices. Maximum amount of DMX controlled channels is 64 channels.
- Control from iNELS BUS System via EBM BUS.
- DIP switches on the front panel to select the control interface (DALI/DMX).
- Addressing of DALI ballast units can be done via the central unit and iDM3 software or via MINI USB on the front panel of the EMDC-64M and DALI Configurator software.
- The required functionality is set in user project in iDM3 software.
- The unit EMDC-64M is powered from the mains voltage 230 V AC.
- DALI BUS power supply is 16 V/250 mA via an EMDC-64M unit.
- The system BUS EBM is galvanically separated from the BUSes DALI/DMX. Terminals for connecting the DALI BUS are equipped with short circuit and surge protection.
- It is possible to connect up to 8 EMDC-64M units to one EBM BUS.
- If this concerns the last unit on a system BUS EBM, it is necessary to terminate the wire with a resistor with nominal resistance of 120 Ω. The resistor is inside the unit, termination is made by shorting neighboring terminals TERM and EBM+.
- The BUS DMX must be terminated at its end by a resistor with nominal resistive value 120 Ω. The resistor for DMX BUS termination is on the side of the EMDC-64M inside the unit, termination is performed by shorting adjacent terminals TERM and A.
- Updating the firmware of the EMDC-64M can be done through the central unit and software iDM3 or via MINI USB on the front panel and EMDC-64M Flasher software. Updating through MINI USB must be done while system BUS EBM is disconnected.
- When configuring DALI addresses two types are necessary to distinguished:
 - MASTER - this group includes sensors and detectors and one DALI branch can connect up to 4 DALI MASTER units
 - lighting intensity sensor DLS3-1
 - motion detector DMD3-1
 - SLAVE - electronic lighting ballast
- EMDC-64M in 3-MODULE design is designed for mounting in a control panel on a DIN rail EN60715.

Connection





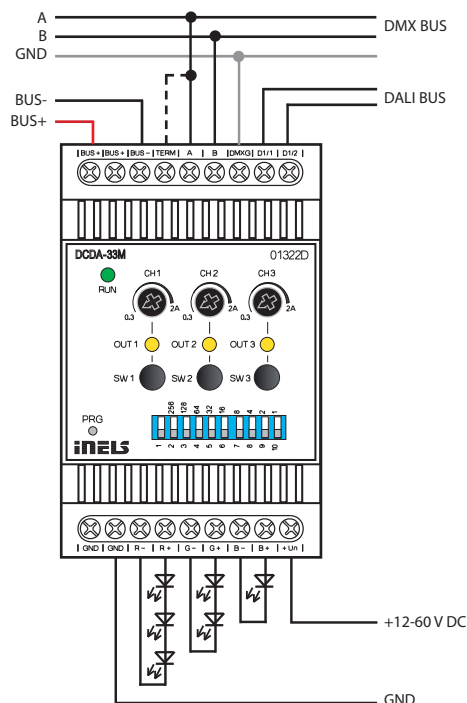
EAN code
DCDA-33M: 8595188146807

Technical parameters		DCDA-33M
Power supply		
Supply terminals:	Un+, GND	
Supply voltage:	12 - 60 V	
Consumption:	min. 0.5 W, max. 165 W	
Supply voltage from BUS/ tolerance:	27 V DC, -20/+15 %	
Dissipated power:	max. 2 W	
Outputs		
Dimming load:	LED chips controlled by variable streams or alternatively multiple LED chips connected in series *	
Number of channels:	3	
Rated current:	350 mA - 2 A	
Output power:	3x 50 W	
Output voltage:	6.5 - 55 V	
Switching voltage:	Un	
Output indication	LED OUT1, OUT2, OUT3	
- light:	ON	
- short:	flashing	
- no light:	OFF	
Control		
DALI:	1200 bit/s, 250 mA	
BUS:	compatible with iNELS3, consumption < 4 mA	
DMX:	250 kbit/s, 512 channels, control RGB(M) 3(4) channels	
Operating conditions		
Relative humidity:	max. 80 %	
Operating temperature:	-20°C to +55°C	
Storage temperature:	-30°C to +70°C	
Protection degree:	IP20 device, IP40 mounitg in the switchboard	
Overvoltage category:	II.	
Pollution degree:	2	
Operating position:	vertical	
Installation:	into switchboard on DIN rail EN60715	
Implementation:	3-MODULE	
Dimensions and weight		
Dimensions:	90 x 52 x 65 mm	
Weight:	135g	

* for more information, see our manual.

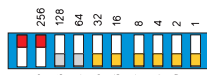
- DCDA-33M is a dimming unit designed to dim single-color and RGB LED light sources controlled by variable current.
- The actuator has three independent channels and each output channel is individually addressable and controllable.
- DCDA-33M actuator can be controlled from the BUS, DALI or DMX.
- When controlling the unit from the BUSES and DMX, also the fourth virtual channel can be supported to control overall brightness (BUS – set in iDM3, DMX – set by long press of the PRG button).
- DCDA-33M can directly control from the system iNELS where the communication interface is the installation BUS.
- If for controlling, a communication interface DALI or DMX is used, it is possible to use the master unit EMDC-64M.
- The supply voltage of the dimming unit must be at least 4 V higher than the expected output voltage on the load.
- Setting the communication interface and addresses of actuators is performed using DIP switches:
 - switch No. 1
 - In the upper position determines DALI or BUS
 - In the lower position determines DMX
 - switch No. 2 (if that switch 1 is in the upper position)
 - In the upper position determines DALI
 - In the lower position determines BUS
- Using the control buttons on the front panel, you can manually control the output.
- The input circuits of communication interfaces are optically isolated from the supply voltage connected lamp unit, and is therefore resistant to electromagnetic interference.
- DCDA-33M in 3-module is designed for panel mounting on DIN rail EN60715.

Connection



Setting the DIP switches

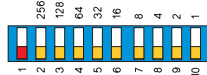
Setting the DALI communication interface - Switch 1 and 2.



Setting the BUS communication interface - Switch 1 and 2.



Setting the DMX communication interface - Switch 1.
Setting address - Switch 2-10.





EAN code
 DA3-22M: 8595188132626
 DA3-22M/120V: 8595188133036

- DA3-22M is a universal dimming 2-fold actuator enabling control of brightness intensity of dimmable light sources of the type ESL, LED and RLC with power supply 230 V.
- DA3-22M has two MOSFET controlled outputs 230 V AC, maximum load is 2x 400 VA.
- Option of connecting an external temperature sensor.
- Each output channel is independently controllable and addressable.
- Type of light source is set by a switch on the front panel.
- By setting the min. brightness potentiometer on the front panel, flashing of different types of light sources is eliminated.
- DA3-22M is equipped with two inputs 230 V AC, which can be controlled by mechanical switches (buttons, relays). Inputs are galvanically connected to potential L, which is permanently at the terminals IN1 and IN2.
- Buttons on the front panel, you can manually switch on or off the corresponding output.
- Electronic overcurrent and thermal protection - switch off output in case of overload short circuit and overheating.
- The power supply (potential L) must be protected by a protective element corresponding to the power input of the connected load, e.g. a safety fuse.
- During installation, it is necessary to leave on each side of the actuator at least half the module space for better cooling.
- DA3-22M in 3-MODULE version is designed for mounting into a switchboard on DIN rail EN60715.

Technical parameters	DA3-22M	DA3-22M/120V
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Inputs		
Input:	2x inputs, switching potential L*	
Temperature measuring:	YES, input for external thermo sensor TC/TZ	
Scope and accuracy of temp. measurement:	-20 to +120°C; 0.5°C from the range	
Number of control buttons:	2x buttons 4x potentiometers on front panel	

Outputs		
Output:	2x contactless outputs, 2x MOSFET	
Load type:	resistive, inductive, capacitive**, LED, ESL	
Isolation BUS separated from all internal circuits:	reinforced insulation (Cat. II surges by EN 60664-1)	
Isolation voltage between particular power:	max. 500 V AC	
Minimal controlled load:	10 VA	
Maximal controlled load:	400 VA for each channel	200 VA for each channel
Output indication ON/OFF:	2x yellow LED	
Device protection:	thermal/short-term overload/ long-term overload	

Communication		
Installation BUS:	BUS	

Power supply		
Supply voltage by BUS/ tolerance:	27 V DC, -20/+10 %	
Rated current:	5 mA (at 27 V DC), from BUS	
Status indication unit:	green LED RUN	
Supply voltage for power section/tolerance:	AC 230 V (50 Hz), -15/+10 %	AC 120 V (60 Hz), -15/+10 %
Dissipated power:	max. 13 W	max. 7.5 W

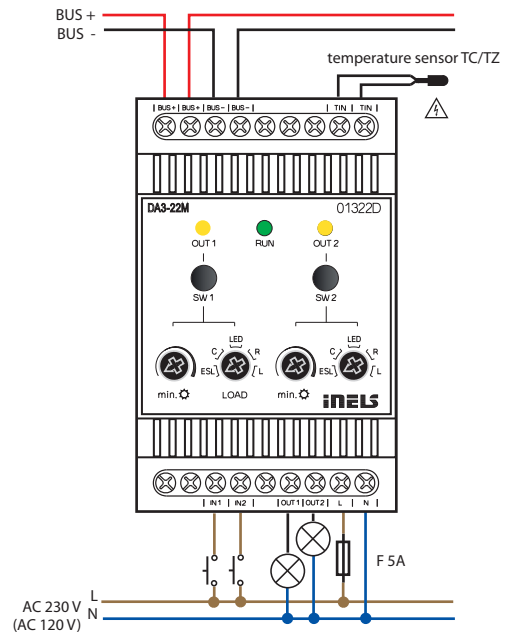
Connection		
Terminal:	max. 2.5 mm ² /1.5 mm ² with sleeve	

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	

* The inputs are not galvanically isolated from the supply voltage.
 ** **Attention:** It is not allowed to connect loads of inductive and capacitive character, at the same time.
 ⚠ Input is connected to the mains voltage potential.

Connection



Types of connectable loads

type of source	symbol	description
R resistive		ordinary light bulb, halogen lamp
L inductive		coiled transformer for low-voltage halogen lamps
C capacitive		electronic transformer for low-voltage halogen lamps
LED		LED lamps and LED light sources, 230 V
ESL		dimmable energy-saving fluorescent tubes



EAN code
DA3-06M: 8595188174442
DA3-06M/120V: 8595188174459

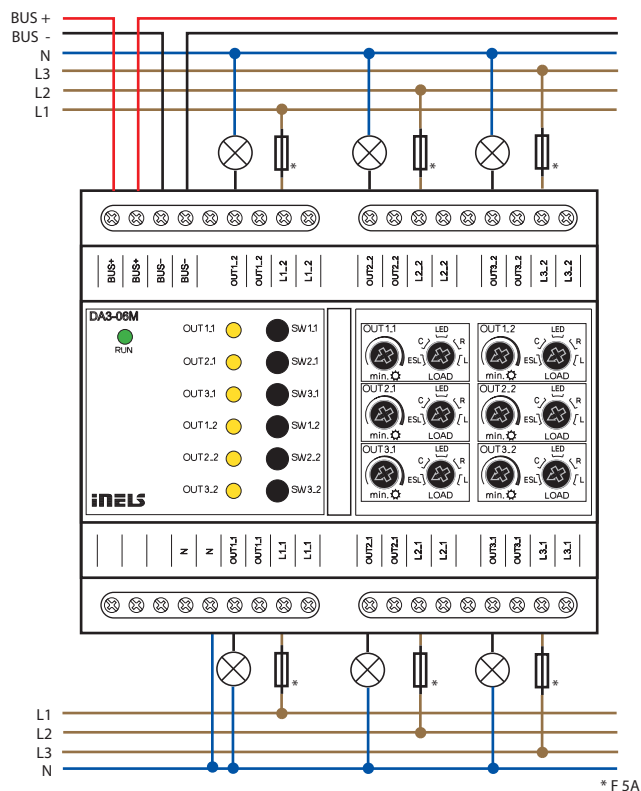
Technical parameters

	DA3-06M	DA3-06M/120V
Outputs		
Output:	6x contactless outputs, 2x MOSFET, channel	
Load type:	resistive, inductive, capacitive*, LED, ESL	
Isolation BUS separated from all internal circuits:	reinforced Insulation (Cat. II surges by EN 60664-1)	
Isolation voltage between particular power:	max. 500 V AC	
Minimal controlled load:	10 VA	
Maximal controlled load:	150 VA for each channel	75 VA for each channel
Output indication ON/OFF:	6x yellow LED	
Device protection:	thermal/short-term overload/ long-term overload/short circuit	
Communication		
Installation BUS:	BUS	
Power supply		
Supply voltage by BUS/ tolerance:	27 V DC, -20/+10 %	
Rated current:	100 mA (at 27 V DC), from BUS	
Status indication unit:	green LED RUN	
Supply voltage for power section/tolerance:	3x AC 230 V (50 Hz), -15/+10 %	3x AC 120 V (60 Hz), -15/+10 %
Connection		
Terminal:	max. 2.5 mm ² /1.5 mm ² 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:	6-MODULE	
Dimensions and weight		
Dimensions:	90 x 105 x 65 mm	
Weight:	320 g	

* **Attention:** It is not allowed to connect loads of inductive and capacitive character, at the same time.

- DA3-06M is a universal six-channel dimmer actuator that controls the brightness of dimmable ESL, LED and RLC light sources with 230V power.
- The DA3-06M has 6 semiconductor controlled 230 V AC outputs. Maximum possible load is 150 VA for each channel.
- Each of the output channels is individually controllable.
- Setting min. brightness with the potentiometer on the front of the instrument eliminates flickering of different types of light sources.
- Using the front panel control buttons, you can manually control the output.
- The actuator is equipped with electronic overcurrent and thermal protection that shuts off the output during overloads, short circuits or overheating.
- When installing, on each side of the actuator, it is necessary to leave at least half a module space for better cooling.
- DA3-06M in 6-MODULE version is designed for mounting into a switchboard/ DIN rail EN60715.

Connection



* F 5A

Types of connectable loads

type of source	symbol	description
R resistive		ordinary light bulb, halogen lamp
L inductive		coiled transformer for low-voltage halogen lamps
C capacitive		electronic transformer for low-voltage halogen lamps
LED		LED lamps and LED light sources, 230 V
ESL		dimming energy-saving fluorescent tubes

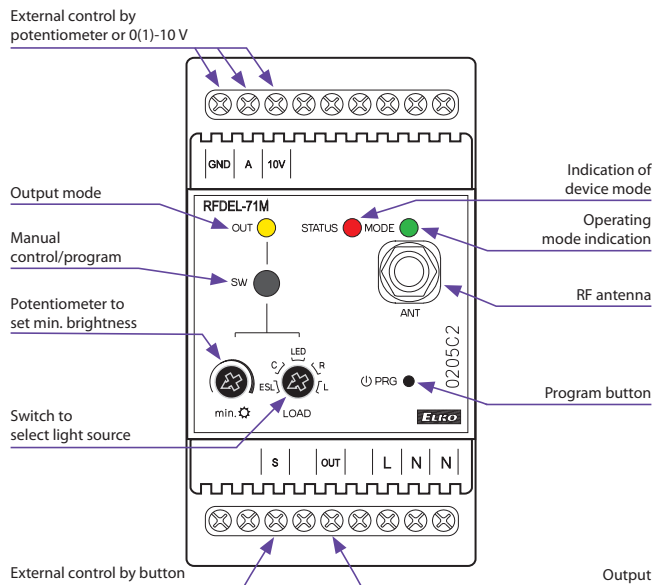


- The universal modular dimmer is used to regulate light sources:
 - R – classic lamps (resistive load)
 - L – halogen lamps with wound transformer (inductive load)
 - C – halogen lamps with electronic transformer (capacity load)
 - ESL – dimmable energy-efficient fluorescent lamps
 - LED – LED light sources equipped with LED.
- Control can be performed by:
 - a) detectors, Controllers and System units iNELS RF Control
 - b) by control signal 0(1)-10 V
 - c) potentiometer
 - d) existing button in the installation.
- 6 light functions - smooth increase or decrease with time setting 2 s -30 min. Function description can be found on page 75.
- Thanks to setting the min. brightness by potentiometer, you will eliminate flashing of the LED and ESL light sources.
- The universal dimmer may be controlled by up to 32 channels.
- The programming button on the controller is also used for manual control of the output.
- The package includes an internal antenna AN-I, in case of locating the unit in a metal switchboard, you can use the external antenna AN-E for better signal reception, see accessories on page 69.
- Memory status can be pre-set in the event of a power failure.
- Range up to 160 m (in open space), if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20 or protocol component RFIO2 that support this feature.
- Communication frequency with bidirectional protocol RFIO2.
- The unit's three-module design with switchboard mounting.

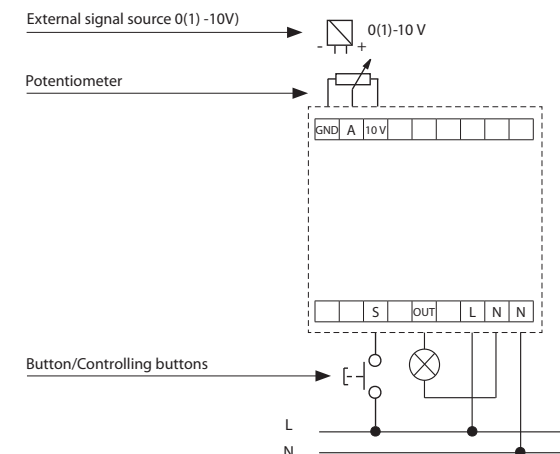
Technical parameters	RFDEL-71M/230V	RFDEL-71M/120V
Supply voltage:	230 V AC	120 V AC
Supply voltage frequency:	50 Hz	60 Hz
Apparent power:	2.5 VA	1.1 VA
Dissipated power:	0.8 W	0.6 W
Supply voltage tolerance:	+10/-15 %	
Output		
Dimmed load:	R,L,C, LED, ESL	
Contactless:	2 x MOSFET	
Load capacity:*	max. 600 W	max. 300 W*
Control		
Wireless:	up to 32 channels (buttons)	
Communication protocol:	RFIO2	
Frequency:	866–922 MHz (for more information see p. 76)	
Repeater function:	yes	
Range:	in open space up to 160 m	
Manual control:	SW (ON/OFF) button	
External button:	max. 50 m cable	
Glow lamps connection:	no	
Analog control:	potentiometer or 0 (1) - 10 V	
RF Antenna:	AN-I included (SMA connector**)	
Other data		
Operating temperature:	-20 to + 35 °C	
Storage temperature:	-30 to +70°C	
Operating position:	vertical	
Mounting:	DIN rail EN 60715	
Protection:	IP20 under normal conditions	
Overvoltage category:	II.	
Contamination degree:	2	
Cross-section of connecting wires:	max. 1x 2.5, max. 2x 1.5/with a hollow max. 1x 2.5	
Dimensions:	90 x 52 x 65 mm	
Weight:	125 g	
Related standards:	EN 607 30-1 ed.2	

* See page 75 for the load chart for each light source.
 ** Max. Tightening Torque for antenna connector is 0.56 Nm.

Device description



Connection and external control options



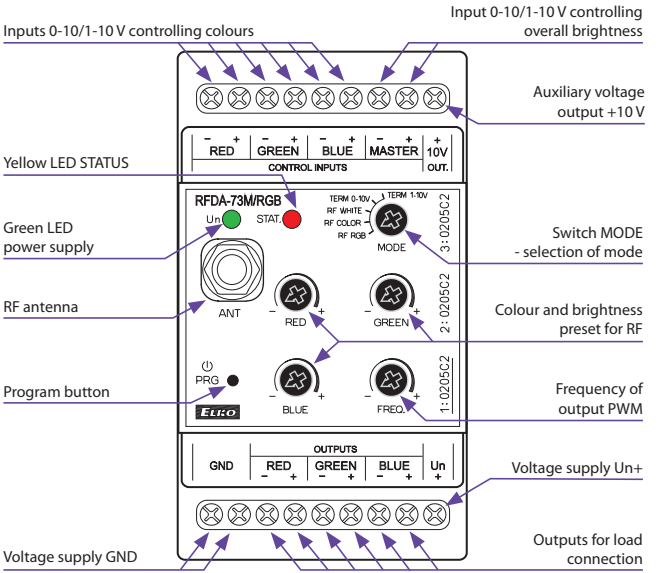


Technical parameters		RFDA-73M/RGB
Supply terminals:	Un+, GND	
Supply voltage:	12-24 V DC stabilized	
Maximum power without load:	0.8 W	
Output		
Dimmed load:	LED strip 12 V, 24 V with common anode RGB LED strips 12 V, 24 V with common anode	
Number of channels:	3	
Rated current:	3x5 A	
Peak current:	3x10 A	
Switching voltage:	Un	
Control		
Wireless:	up to 32 channels (buttons)	
Communication protocol:	RFIO2	
Frequency:	866-922 MHz (for more information see p. 76)	
Repeater function:	yes	
Load capacity of output +10V:	10 mA	
Ext. signal:	0-10 V, 1-10 V	
Range:	in open space up to 160 m	
RF Antenna:	AN-I included (SMA connector*)	
Other data		
Operating temperature:	-20 to + 50 °C	
Storage temperature:	-30 to + 70 °C	
Working position:	any	
Mounting:	DIN rail EN 60715	
Protection:	IP20 from front panel	
Contamination degree:	2	
Cross-section of connecting wires (mm ²):	max. 1x 2.5, max. 2x 1.5/ with a hollow max. 1x 2.5	
Dimensions:	90 x 52 x 65 mm	
Weight:	130 g	
Related standards:	EN 60730-1; EN 60730-2-11	

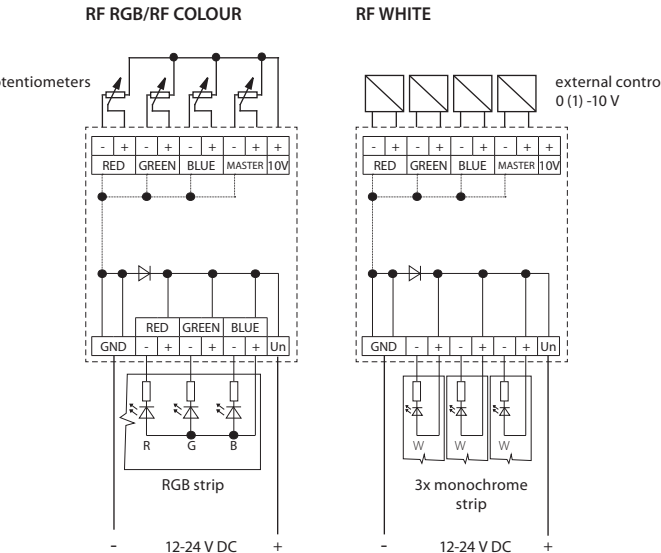
* Max Tightening Torque for antenna connector is 0.56 Nm.

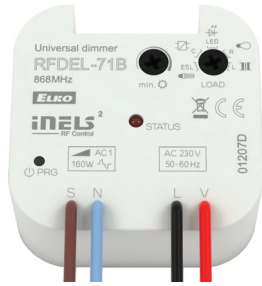
- The dimmer for LED strips is used for independent control of 3 single-colour LED strips or one RGB LED strip.
- The expanded selection of control modes enables it to be combined with:
 - a) detectors, controllers and system units iNELS RF Control
 - b) device with output signal 0 (1) -10 V
 - c) potentiometer.
- The unit's three-module design with switchboard mounting enables connection of dimmed load 3x 5 A, which represents:
 - a) single-colour LED strip 7.2 W – 3x 8 m
 - b) RGB LED strip 14.2 W – 10 m.
- 6 light functions - smooth increase or decrease with time setting 2 s - 30 min. Function description can be found on page 75.
- The dimmer may be controlled by up to 32 channels.
- The power supply of the unit is in the range of 12-24 V DC, and is indicated by a green LED.
- The package includes an internal antenna AN-I, in case of locating the unit in a metal switchboard, you can use the external antenna AN-E for better signal reception, see accessories on page 75.
- Memory status can be pre-set in the event of a power failure.
- Range up to 160 m (in open space), if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20 or protocol component RFIO2 that support this feature.
- Communication frequency with bidirectional protocol RFIO2.

Device description



Output variations and external control options



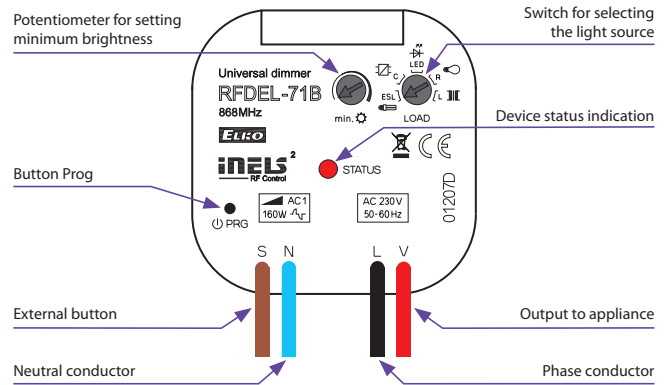


Technical parameters	RFDEL-71B/230V	RFDEL-71B/120V
Supply voltage:	230 V AC	120 V AC
Supply voltage frequency:	50 Hz	60 Hz
Apparent power:	1.1 VA	
Dissipated power:	0.8 W	
Supply voltage tolerance:	+10/-15 %	
Connection:	4-wire, with "NEUTRAL"	
Output		
Dimmed load:	R,L,C, LED, ESL	
Contactless:	2 x MOSFET	
Load capacity*:	max. 160 W	max. 80 W
Control		
Wireless:	up to 25 channels (buttons)	
Communication protocol:	RFIO2	
Frequency:	866-922 MHz (for more information see p. 76)	
Repeater function:	yes	
Range:	in open space up to 160 m	
Manual control:	button PROG (ON/OFF), external button	
Glow lamp connection:	no	
Other data		
Operating temperature:	-20 to +35°C	
Storage temperature:	-30 to +70°C	
Operating position:	any	
Mounting:	free at lead-in wires	
Protection:	IP30 under normal conditions	
Overvoltage category:	III.	
Contamination degree:	2	
Terminals (CY wire, Cross-section):	4 x 0.75 mm ²	
Terminal length:	90 mm	
Dimensions:	49 x 49 x 21 mm	
Weight:	40 g	
Related standards:	EN 607 30-1 ED.2	

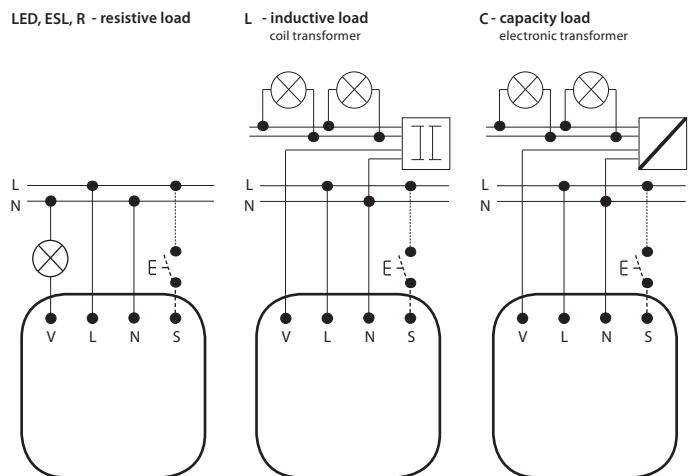
* See page 75 for the load chart for each light source.

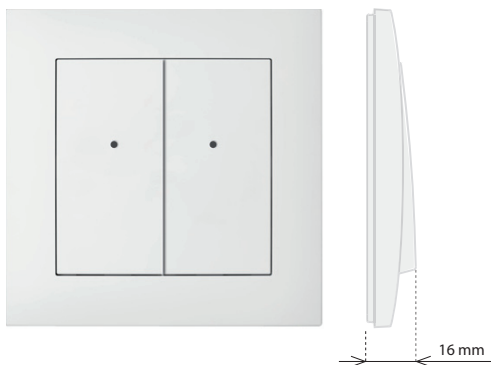
- The universal built-in dimmer is used to regulate light sources:
 - R – classic lamps (resistive load)
 - L – halogen lamps with wound transformer (inductive load)
 - C – halogen lamps with electronic transformer (capacity load)
 - ESL – dimmable energy-efficient fluorescent lamps
 - LED – LED light sources equipped with LED.
- They can be combined with detectors, controllers, iNELS RF Control or system components.
- 6 light functions - smooth increase or decrease with time setting 2 s - 30 min. Function description can be found on page 75.
- Thanks to setting the min. brightness by potentiometer, you will eliminate flashing of the LED and ESL light sources.
- The universal dimmer may be controlled by up to 25 channels.
- Connection of the existing button on the control input „S“ enables combination of wireless control with classic (wired) control.
- The programming button on the controller is also used for manual control of the output.
- Memory status can be pre-set in the event of a power failure.
- Range up to 160 m (in open space), if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20 or protocol component RFIO2 that support this feature.
- Communication frequency with bidirectional protocol RFIO2.
- The BOX design lets you mount it right in an installation box, a ceiling or light cover.

Device description



Connection





- On-wall button controller is used to control switches and dimmers (lights, gate, garage door, blinds, etc.).
- **RFWB-20/G**: two buttons enable control of two units independently.
- **RFWB-40/G**: four buttons enable control of four units independently.
- The flat design with level base makes it ideal for fast installation on any surface (fixation with adhesive or screws in the installation box).
- When pressing the button, it sends a set signal (ON/OFF, dimming, time switching OFF/ON, blinds up/down).
- Sending a command is indicated by a red LED.
- In LOGUS⁹⁰ switch frame design (plastic, glass, wood, metal, stone).
- Option of setting light scenes, where with a single press, you can control units of iNELS RF Control.
- Battery power supply (3 V CR 2032 battery - included in the supply) with battery life of around 5 years based on frequency of use.
- Range up to 200 m (in open space), if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20 or protocol component RFIO2 that support this feature.
- Communication frequency with bidirectional protocol RFIO.

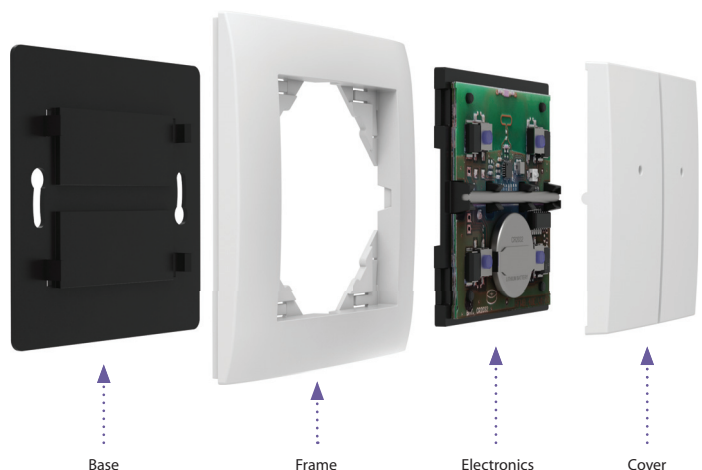
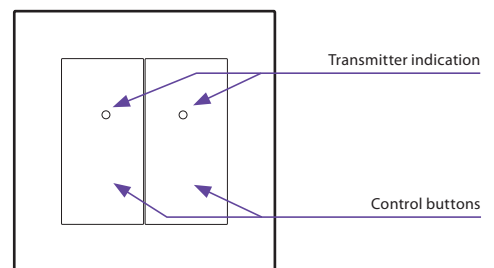
Technical parameters	RFWB-20/G	RFWB-40/G
Supply voltage:	3 V CR 2032 battery	
Battery life:	around 5 years based on frequency of use	
Transmission indication:	red LED	
Number of buttons:	2	4
Communication protocol:	RFIO	
Frequency:	866–922 MHz (for more information see p. 76)	
Signal transmission method:	unidirectionally addressed message	
Range:	in open space up to 200 m	
Other data		
Operating temperature:	-10 to +50 °C	
Operating position:	any	
Mounting:	glue/screws	
Protection:	IP20	
Contamination degree:	2	
Dimensions frame		
- plastic:	85 x 85 x 16 mm	
- metal, glass, wood, granite:	94 x 94 x 16 mm	
Weight (plastic):*	38 g	39 g
Related standards:	EN 60669, EN 300 220, EN 301 489 R&TTE Directive, Order. No 426/2000 Coll. (Directive 1999/EC)	

* Comes with plastic frame. No installation into multi-frames.

RFWB-40/G



Device description



LOGUS⁹⁰

Choose your own style

Flat wireless switches that can be mounted on glass, tile, furniture ...
Such a quick change of location when you're moving.

