



EAN code  
DA3-66M / 230V: 8595188182065  
DA3-66M / 120V: 8595188174459  
Order Code:  
DA3-66M / 230V: 8206  
DA3-66M / 120V: 7445

### Technical parameters

DA3-66M/230V DA3-66M/120V

#### Outputs

Output:	6x contactless outputs, 2x MOSFET / channel
Load type: *	R-resistive, L-inductive, C-capacitive, LED, ESL - economical
Minimal controlled load:	10 VA
Maximal controlled load:	DA3-66M / 230V: 150 VA for each channel DA3-66M / 120V: 75 VA for each channel possibility of parallel connection of outputs
Output indication ON/OFF:	6x yellow LED
Device protection:	thermal/short-term overload/ long-term overload

#### Inputs

Wire buttons:	6x galvanically separated
Input voltage:	20-230 AC(50-60 Hz)/DC
Isolation voltage:	between inputs max. 230 VAC/DC (basic insulation) to all other internal circuits: reinforced insulation: overvoltage category II
Maximum cable length:	10 m
Glow plug connection:	no

#### Communication

Installation BUS:	BUS
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#### 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:	AC 230 V (50-60 Hz), -15/+10 %	AC 120 V (50-60 Hz), -15/+10 %

#### Connection

Terminal:	max. 2.5 mm <sup>2</sup> /1.5 mm <sup>2</sup> with sleeve
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#### Operating conditions

Air humidity:	max. 80 %
Operating temperature:	-20 to +50 °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

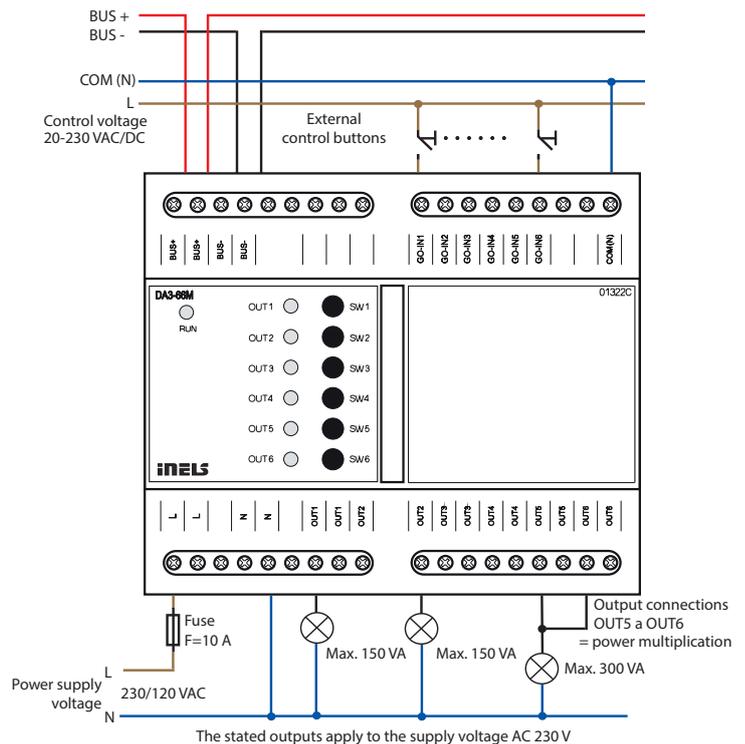
#### Dimensions and weight

Dimensions:	90 x 105 x 65 mm
Weight:	320 g
Standards:	EN 63044-1

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

- DA3-66M is a universal dimming 6-channels actuator, which is used to control the brightness of dimmable light sources such as ESL, LED and RLC with 230 V power supply.
- The DA3-66M has 6 semiconductor controlled 230 V AC outputs. The maximum possible load is 150 VA for each channel.
- The individual outputs of the dimmer can be connected in parallel and thus increase the maximum output load at the expense of the number of outputs.
- Each output channel is independently controllable and addressable.
- By setting min. brightness, the flickering of different types of light sources is eliminated.
- Min. brightness and type of load is performed using SW IDM.
- Use the control buttons on the front panel to manually control the output.
- The actuator is equipped with electronic overcurrent and thermal protection, which switches off the output in case of overload, short circuit, over-heating.
- The dimmer has 6 galvanically separated inputs which can be used both to control the dimmer and as a binary input to the iNELS system.
- The the device supply (potential L) must be protected with a safety device corresponding to the power input of the connected load, e.g. with a quick-release fuse.
- During installation, it is necessary to leave at least half a module of free space on each side of the actuator for better cooling.
- DA3-66M is in 6-MODULE version and is intended for mounting in a switch-board on DIN rail EN60715.

#### 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		dimmmable energy-saving fluorescent tubes