

MX-UD005 - UNIVERSAL DIMMER

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General Features

MX-UD005 Universal Dimmer Actuator has 5 independent outputs. Maximum switching voltage is 260V and maximum current is 1.6 A for each channel. Dimming functions can be used by phase dimming only. The device can be operated manually via push button on it. Each channel can be programmed via MXS4 or above. Channel features of dimming actuator:

- Staircase lighting
- Forced Operation
- Channel Grouping (merging outputs for high power lamps)

All features can be used separately or together. Please consider that those features will be processed depending on priority. Bus voltage fails and returns behavior can be set via MXS configuration.

MX KNX - UNIVERSAL DIMMER



Technical Data

Protection Grade	IP 20	EN 60 529
Safety Class	II	EN 61 140
Power Supply	Voltage	21V... 30V DC, SELV
	Current consumption	< 10 mA
External Supply	---	
Connections	Screw terminals	0,5...4 mm ² solid and stranded wire
	Max. tightening torque	0,5...3,31 mm ² stranded wire with ferrule
	KNX	0.5 Nm Bus connection terminal
Output	Switching & Dimming	5 outputs, Triac output
	Cable length	Max. 200 meters
	Max. switching power	300 VA per channel 300 W halogen, incandescent lamps per channel 300 W Inductive transformers per channel 250 W Phase-cut dimmable LED lamps per channel Multiplying the output power by parallel connection of channels.
	Mechanical life	Lifetime
Type of contact	Electronically controlled	
Installation	35mm mounting rail	EN 60 715
Operating Elements	LED (red) and button	For physical address programming
Temperature Range	Ambient	-10° C + 50° C
	Storage	-25° C + 55° C
	Transport	-25° C + 70° C
Humidity	Max. air humidity	85 % no moisture condensation
Dimensions	Width W in units	66 x 180 x 90 mm
		8 modules
Weight	0.24 kg	
Material	Plastic, polycarbonate, color grey	
CE	In accordance with the EMC guideline and low voltage	

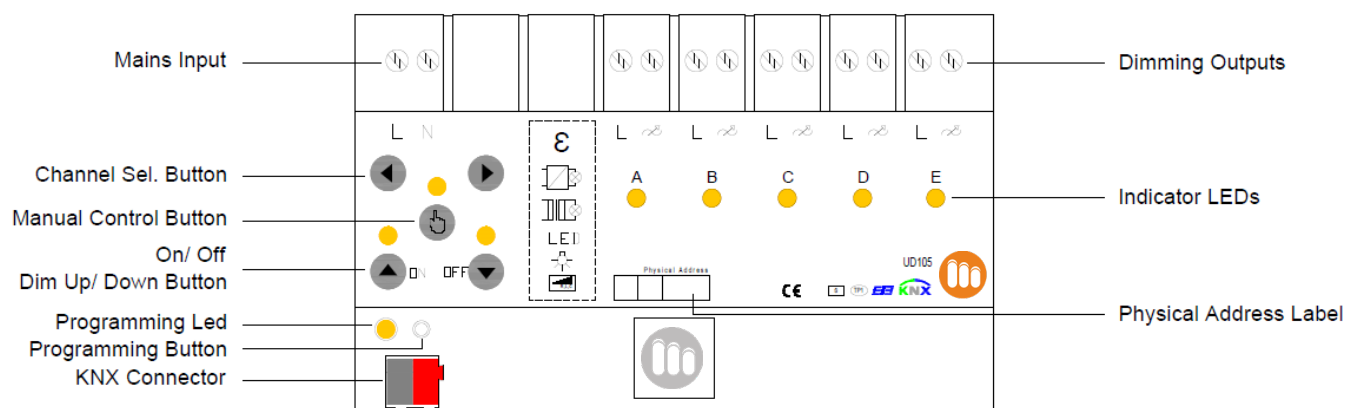
NOTE: Device default physical address is 15.15.255. In order to configure switch actuator, MXS application file ".knxprod" is needed. It's possible to download the file on MicroaXs website. MXS is required for programming the device. Parameter settings and related group addresses can be changed by MXS. Learn more by reading MXS help file.



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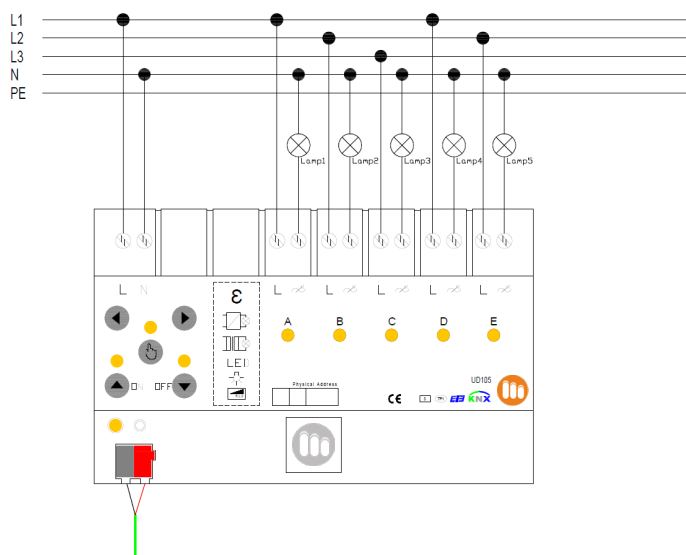


Functional Elements and Connections

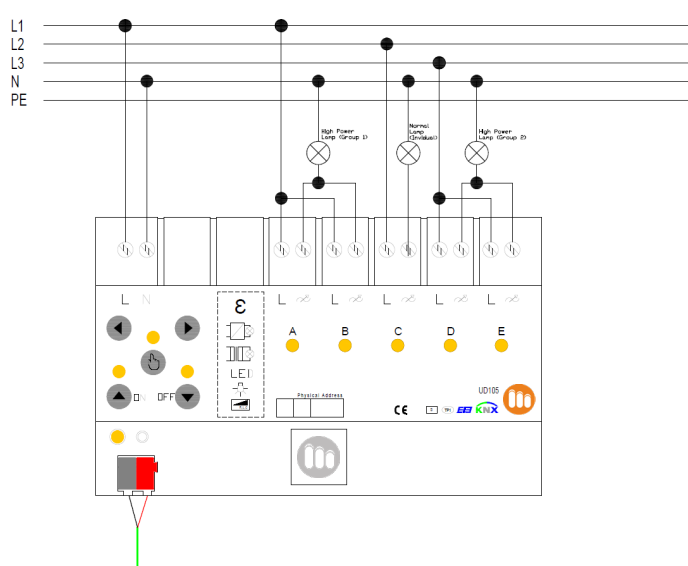


Functional Elements and Connections

Single Channel Control



Grouped Channel Control



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Technical Drawings

