



LED Dimming Possibilities



Future-proof dimming expertise



With accustomed competence of lighting control JUNG offers dimming solutions for every application. Energy efficient, dimmable high-voltage LED lamps (retrofit) can therefore also be controlled. Whether in the conventional sector, JUNG KNX system, the bi-directional radio system eNet or the digital dimming standard LEDOTRON: The JUNG solutions are always easy to install, user-friendly and of course future-proof.

LED Touch dimmer insert

Possible loads:

Incandescent lamps: 20 ... 120 W
 HV halogen lamps: 20 ... 120 W
 Dimmable HV LED lamps:
 typ. 3 ... 100 W

Dimmable compact fluorescent lamps: typ. 3 ... 100 W
 Ohmic and HV LED: typ. 3 ... 100 W
 Ohmic and CFL: typ. 3 ... 100 W
 HV LED and CFL: not permitted



1271 LED DE

Rotary dimmer insert

Possible loads:

Incandescent lamps: 20 ... 500 W
 HV halogen lamps: 20 ... 500 W
 inductive transformers: 20 ... 500 VA

Dimmable HV LED lamps: typ. 3 ... 100 W
 Dimmable compact fluorescent lamps: typ. 3 ... 100 W



225 NV DE

LEDOTRON control unit

Possible loads:

LEDOTRON lamps: max. 200 W
 Incandescent lamps: max. 210 W
 Number of LEDOTRON lamps: max. 10



242 LTS DE

Universal dimming station

Possible loads per channel:

Incandescent lamps: 20 ... 150 W
 HV halogen lamps: 20 ... 150 W
 TRONIC transformers: 20 ... 150 W
 inductive transformers: 20 ... 150 VA
 Dimmable HV LED lamps:
 typ. 3 ... 30 W

Dimmable compact fluorescent lamps: typ. 3 ... 30 W
 Ohmic-capacitive: 20 ... 150 W
 Ohmic-inductive: 20 ... 150 VA
 Capacitive-inductive: not permitted
 Increasing the capacity by means of parallel wiring of outputs possible. Max. load for outputs connected in parallel is limited to 80 %.



UDS 4 REGHE

eNet Dimming actuators for rail and flush mounting installation



FM UD 5500 REG

Radio universal dimmer for rail mounting, 1-channel

Possible loads:

Incandescent lamps: 20 ... 500 W
 HV halogen lamps: 20 ... 500 W
 TRONIC transformers: 20 ... 500 W
 inductive transformers: 20 ... 500 VA
 Dimmable HV LED lamps:
 typ. 7 ... 100 W
 Dimmable compact fluorescent lamps:
 typ. 7 ... 100 W
 Ohmic-capacitive: 20 ... 500 VA
 Ohmic-inductive: 20 ... 500 W
 Capacitive-inductive: not permitted



FM UD 420250 REG

Radio universal dimmer for rail mounting, 4-channel

Possible loads:

Incandescent lamps: 20 ... 250 W
 HV halogen lamps: 20 ... 250 W
 TRONIC transformers: 20 ... 250 W
 inductive transformers: 20 ... 250 VA
 Dimmable HV LED lamps:
 typ. 7 ... 50 W
 Dimmable compact fluorescent lamps:
 typ. 7 ... 50 W
 Ohmic-capacitive: 20 ... 250 VA
 Ohmic-inductive: 20 ... 250 W
 Capacitive-inductive: not permitted
 Max. load for outputs connected in
 parallel is limited to 95 %.



FM UD 20250 UP

Radio universal dimmer for flush mounting

Possible loads:

Incandescent lamps: 20 ... 250 W
 HV halogen lamps: 20 ... 250 W
 TRONIC transformers: 20 ... 250 W
 inductive transformers: 20 ... 250 VA
 Dimmable HV LED lamps:
 typ. 7 ... 70 W
 Dimmable compact fluorescent lamps:
 typ. 7 ... 70 W
 Ohmic-capacitive: 20 ... 250 VA
 Ohmic-inductive: 20 ... 250 W
 Capacitive-inductive: not permitted

KNX Dimming actuators for rail mounting installation



3901 REGHE

Possible loads:

Connected load, 230 V per output

Incandescent lamps: 20 ... 500 W
 HV halogen lamps: 20 ... 500 W
 Inductive transformers: 20 ... 500 VA
 TRONIC transformers: 20 ... 500 W
 Dimmable HV LED lamps: typ. 7 ... 100 W
 Dimmable compact fluorescent lamps:
 typ. 7 ... 100 W
 Ohmic-inductive: 20 ... 500 VA
 Ohmic-capacitive: 20 ... 500 W
 Capacitive-inductive: not permitted

Connected load, 110 V per output

Incandescent lamps: 20 ... 250 W
 HV halogen lamps: 20 ... 250 W
 Inductive transformers: 20 ... 250 VA
 TRONIC transformers: 20 ... 250 W
 Dimmable HV LED lamps: typ. 7 ... 50 W
 Dimmable compact fluorescent lamps:
 typ. 7 ... 50 W
 Ohmic-inductive: 20 ... 250 VA
 Ohmic-capacitive: 20 ... 250 W
 Capacitive-inductive: not permitted



3902 REGHE

Possible loads:

Connected load, 230 V per output

Incandescent lamps: 20 ... 300 W
 HV halogen lamps: 20 ... 300 W
 Inductive transformers: 20 ... 300 VA
 TRONIC transformers: 20 ... 300 W
 Dimmable HV LED lamps: typ. 7 ... 60 W
 Dimmable compact fluorescent lamps:
 typ. 7 ... 60 W
 Ohmic-inductive: 20 ... 300 VA
 Ohmic-capacitive: 20 ... 300 W
 Capacitive-inductive: not permitted

Connected load, 110 V per output

Incandescent lamps: 20 ... 150 W
 HV halogen lamps: 20 ... 150 W
 Inductive transformers: 20 ... 150 VA
 TRONIC transformers: 20 ... 150 W
 Dimmable HV LED lamps: typ. 7 ... 30 W
 Dimmable compact fluorescent lamps:
 typ. 7 ... 30 W
 Ohmic-inductive: 20 ... 150 VA
 Ohmic-capacitive: 20 ... 150 W
 Capacitive-inductive: not permitted



3904 REGHE

Possible loads:

Connected load, 230 V per output

Incandescent lamps: 20 ... 250 W
 HV halogen lamps: 20 ... 250 W
 Inductive transformers: 20 ... 250 VA
 TRONIC transformers: 20 ... 250 W
 Dimmable HV LED lamps: typ. 7 ... 50 W
 Dimmable compact fluorescent lamps:
 typ. 7 ... 50 W
 Ohmic-inductive: 20 ... 250 VA
 Ohmic-capacitive: 20 ... 250 W
 Capacitive-inductive: not permitted

Connected load, 110 V per output

Incandescent lamps: 20 ... 120 W
 HV halogen lamps: 20 ... 120 W
 Inductive transformers: 20 ... 120 VA
 TRONIC transformers: 20 ... 120 W
 Dimmable HV LED lamps: typ. 7 ... 24 W
 Dimmable compact fluorescent lamps:
 typ. 7 ... 24 W
 Ohmic-inductive: 20 ... 120 VA
 Ohmic-capacitive: 20 ... 120 W
 Capacitive-inductive: not permitted

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