finder
RELAYING INNOVATION

KNX Universal Dimmer 2 channel



- Kitchen light control
- Bedroom light control
- Living room light control
- Lighting control in corridors (for hotels, offices and hospitals)
- Building and house automation

15 SERIES

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KNX Universal Dimmer with 2 channels

- 2 x 400 W channels
- LED indicators for each channel
- Thermal protection and short-circuit protection
- Manual override through front panel
- Scenario Management
- Power supply via KNX bus
- 35 mm rail (EN 60715) mounting
- Suitable for ETS 4 (or latest versions)

15.2K.8.230.0400



15.2K

Box clamp



KNX terminal



- Dimming operating modes: Leading Edge or Trailing Edge, ETS configurable
- Suitable for many kind of loads: LED lamps, halogen, CFL, electronic and electromagnetic transformers

For outline drawing see page 5

Output data		
Rated voltage	V AC	230
Power max.	W	400
Power min.	W	2
Nominal lamp ratings 230 V:		
(230 V) incandescent or halogen	W	400
Toroidal electromagnetic transformers for LV halogen	W	400
E-core electromagnetic transformers for LV halogen	W	400
Electronic transformers (or ballasts) for LV halogen	W	400
Dimmable compact fluorescent (CFL)	W	100
Dimmable (230 V) LED	W	100
Dimmable electronic transformers for LV LED	W	100
Dimming operating modes		Leading Edge/Trailing Edge
Supply specification		
Type of BUS		KNX
Supply voltage	V DC	30
Rated consumption	mA	7
Technical data		
Ambient temperature range	°C	–5…+45
Protection category		IP 20
Approvals (according to type)		CE UK CA EAC

15 SERIES
KNX Universal Dimmer - 2 channel

Ordering information

Example: type 15.2K, KNX Universal Dimmer with 2 channels, 230 V AC.

1 5 . 2 K . 8 . 2 3 0 . 0 4 0 0

Series

Type
2 = Mounting on 35 mm rail (EN 60715), with 2 outputs

Output
K = KNX interface dimmer

Supply version
8 = AC

Supply voltage
230 = 230 V

Output power
4 = 400 W

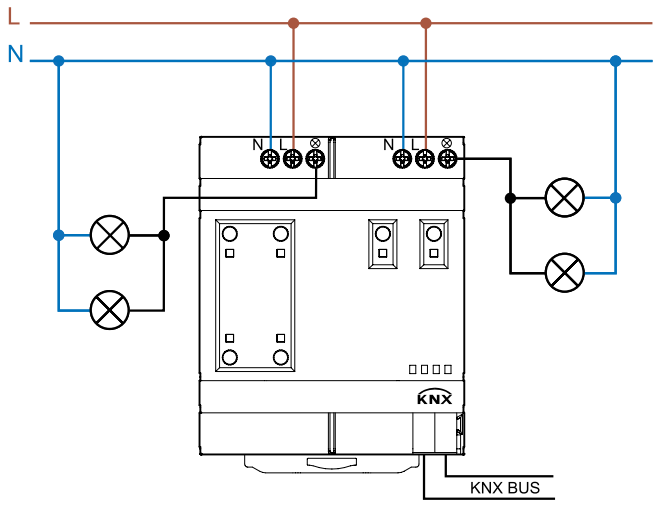
Technical data

EMC specifications			
Type of test		**Reference standard**	
Electrostatic discharge	contact discharge	EN 61000-4-2	4 kV
	air discharge	EN 61000-4-2	8 kV
Radiated electromagnetic field	(80…1000 MHz)	EN 61000-4-3	3 V/m
Fast transients (burst) (5-50 ns, 5 and 100 kHz)	on supply terminals	EN 61000-4-4	4 kV
Voltage pulses on supply terminals (surge 1.2/50 µs)	differential mode	EN 61000-4-5	2.5 kV
Radiofrequency common mode voltage (0.15…80 MHz)	on supply terminals	EN 61000-4-6	3 V
Voltage dips	70% U_N, 40% U_N	EN 61000-4-11	10 cycles
Short interruptions		EN 61000-4-11	10 cycles
Radiofrequency conducted emissions	(0.15…30 MHz)	EN 55014	class B
Radiated emissions	(30…1000 MHz)	EN 55014	class B
Terminals			
Max. wire size		solid cable	stranded cable
	mm^2	1 x 4 / 2 x 2.5	1 x 4 / 2 x 2.5
	AWG	1 x 12 / 2 x 14	1 x 12 / 2 x 14
Screw torque	Nm	0.5	
Wire strip length	mm	7	

V-2026, www.findernet.com

Wiring diagram

Type 15.2K



Outline drawings

Type 15.2K

Box clamp



KNX terminal



