

# 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





### KNX Universal Dimmer with 2 channels

- 2 x 400W 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)

Screw terminal



**NEW** 15.2K.8.230.0400



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

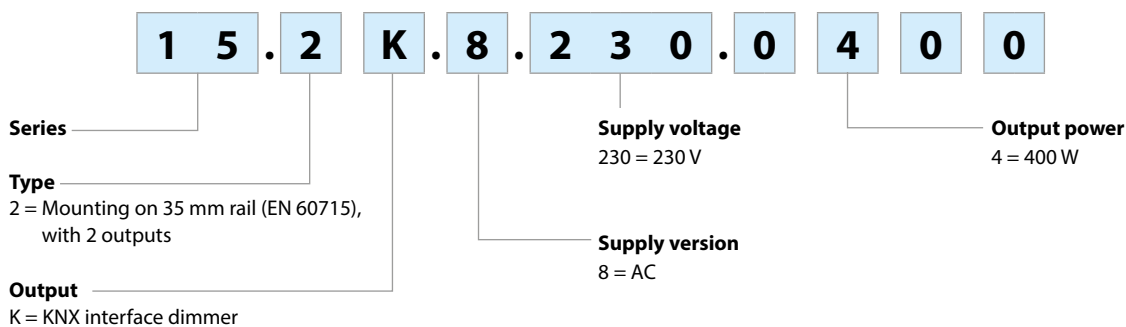
For outline drawing see page 5

### 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 UKCA ENEC

## Ordering information

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




## Technical data

### EMC specifications

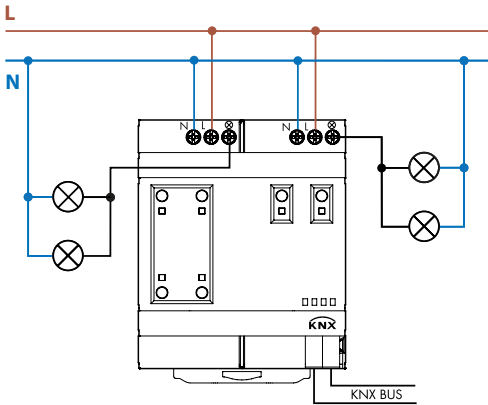
Type of test		Reference standard	
Electrostatic discharge	contact discharge	EN 61000-4-2	4 kV
	air discharge	EN 61000-4-2	8 kV
Radiated electromagnetic field	(80...1 000 MHz)	EN 61000-4-3	3 V/m
Fast transients (burst) (5-50 ns, 5 and 100 kHz)	on supply terminals	EN 61000-4-4	4 kV
Voltage pulses on supply 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 <sub>N</sub> , 40% U <sub>N</sub>	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...1 000 MHz	EN 55014	class B

### Terminals

Max. wire size		
	solid cable	stranded cable
	mm <sup>2</sup> 1 x 6 / 2 x 2.5	1 x 4 / 2 x 1.5
	AWG 1 x 10 / 2 x 14	1 x 12 / 2 x 16
 Screw torque	Nm 0.5	
Wire strip length	mm 7	

## Wiring diagram

Type 15.2K



## Outline drawings

Type 15.2K  
Screw terminal

