

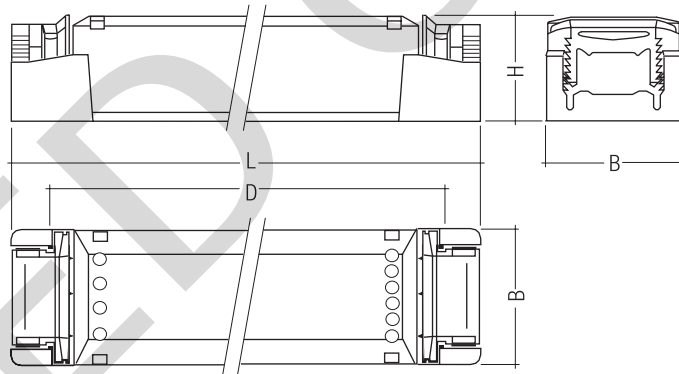


Driver 0025 K211 24 V

LCU indoor IP20

Product description

- 3-channel DALI dimming LED Driver
- For 24 V LED modules
- Dimming range 0.1 to 100 %
- With integrated sequencer for standalone operation (factory default: activated)
- Overtemperature protection
- Short-circuit shutdown feature with automatic restart
- DC supply possible
- DALI control input
- 3 addressable output channels
- Cage-type screw terminal
- 6-pole terminal on secondary side
- Rapid installation of cable clamp and terminal cover, no tool required
- Cross-section of connecting cable: 2.5 mm²
- Connecting cable, supply side: H03VV-F, H05VV-F
- Load range: 0.1 – 25 W



Technical data

Rated supply voltage	230 V
AC voltage range	198 – 254 V
DC voltage range	200 – 240 (160) V [Ⓢ]
Rated current (at 230 V 50 Hz)	0.13 A
Mains frequency	0 / 50 / 60 Hz
PWM frequency	125 Hz
Efficiency	> 82 %
Power factor at full load	0.93C
Max. input power	30 W
Output power	3 x 8 W
Dimming	DALI
Ambient temperature t_a	-25 ... +45 °C
Max. casing temperature t_c	75 °C
Weight	0.155 kg
Dimensions LxWxH	167 x 42 x 31 mm
Hole spacing D	143 – 148 mm

Ordering data

Secondary voltage DC	Type	Article number
24 V	0025 K211 24 V	28000852

Packaging: 20 pieces/carton

[Ⓢ] After power up with higher voltage, the device will work with a reduced voltage as specified above.

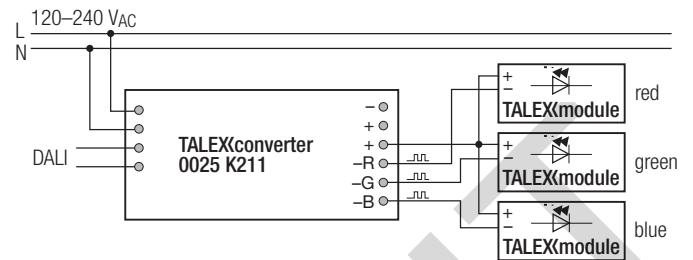


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Standards

EN 55015
 EN 61000-3-2
 EN 61000-3-3
 EN 61347-1
 EN 61347-2-13
 EN 61547
 EN 62384

Wiring**Maximum loading of automatic circuit breakers**

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
Installation Ø	1.5 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²	1.5 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²
0025 K211 24 V	65	85	105	130	65	85	105	130

Isolation and electric strength testing of luminaires

Electronic devices can be damaged by high voltage. This has to be considered during the routine testing of the luminaires in production.

According to IEC 60598-1 Annex Q (informative only!) or ENEC 303-Annex A, each luminaire should be submitted to an isolation test with 500 V_{DC} for 1 second. This test voltage should be connected between the interconnected phase and neutral terminals and the earth terminal. The isolation resistance must be at least 2 MΩ.

As an alternative, IEC 60598-1 Annex Q describes a test of the electrical strength with 1500 V_{AC} (or 1.414 x 1500 V_{DC}). To avoid damage to the electronic devices this test must not be conducted.

Additional information

Additional technical information at www.tridonic.com → Technical Data

Guarantee conditions at www.tridonic.com → Services

No warranty if device was opened.