

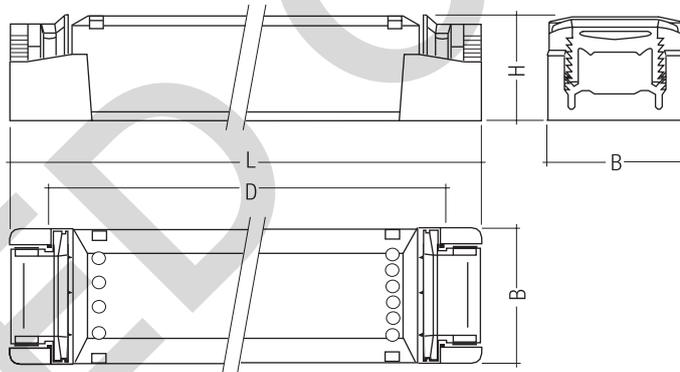


#### Driver 0025 K201 24 V

LCU indoor IP20

#### Product description

- Constant voltage LED Driver
- For Modules
- Constant output voltage
- Short-circuit protection with automatic restart
- DC supply possible
- 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 mm<sup>2</sup>
- Connecting cable, supply side: H03VV-F, H05VV-F



#### Technical data

Rated supply voltage	220 – 240 V
AC voltage range	198 – 254 V
DC voltage range	200 – 240 (160) V <sup>①</sup>
Rated current (at 230 V 50 Hz)	0.13 A
Mains frequency	0 / 50 / 60 Hz
Efficiency	> 82 %
Power factor at full load	0.93C
Max. input power	30 W
Output power	25 W
Ambient temperature t <sub>a</sub>	-25 ... +45 °C
Max. casing temperature t <sub>c</sub>	75 °C
Weight	0.189 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 K201 24 V	28000849

Packaging: 20 pieces/carton

<sup>①</sup> 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

**Maximum loading of automatic circuit breakers**

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current
Installation Ø	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	I <sub>max</sub> time
<b>0025 K201 24 V</b>	65	85	105	130	65	85	105	130	5 A 31 µs

**Wiring guidelines**

- Earth only needed for special functional reasons, but if earth will be connected it has to be a protectional earth (PE).

**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<sub>DC</sub> 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<sub>AC</sub> (or 1.414 x 1500 V<sub>DC</sub>). To avoid damage to the electronic devices this test must not be conducted.

**Additional information**

Additional technical information at [www.tridonic.com](http://www.tridonic.com) → Technical Data

Guarantee conditions at [www.tridonic.com](http://www.tridonic.com) → Services

No warranty if device was opened.