

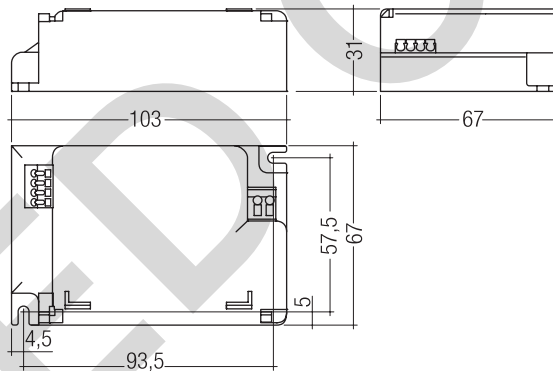


### Driver 0018 K350 DALI RGB

ECO series

#### Product description

- Constant current LED Driver
- 3-channel DALI dimming LED Driver
- For 350 mA LED modules
- Dimming range 0.1 to 100 %
- Precise load balancing per output channel
- Compact dimensions
- Overtemperature protection
- Short-circuit protection with automatic restart
- DC supply possible
- DALI control input
- 3 addressable output channels
- Screw terminal
- 6-pole ribbon cable 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	230 V
AC voltage range	198 – 254 V
DC voltage range	200 – 240 (160) V <sup>①</sup>
Mains frequency	0 / 50 / 60 Hz
Efficiency	> 82 %
PWM frequency	120 Hz
Max. input power	22 W
Output power	18 W
Max. output voltage	24 V
Max. cable length	2 m
Dimming	DALI
Ambient temperature t <sub>a</sub>	-20 ... +45 °C
Max. casing temperature t <sub>c</sub>	75 °C
Dimensions LxWxH	103 x 67 x 31 mm
Hole spacing D	91.5 – 95.5 mm

#### Ordering data

Type	Article number	Secondary current	Packaging carton	Weight per pc.
0018 K350	28000939	350 mA	20 pc(s).	0.132 kg

<sup>①</sup> After power up with higher voltage, the device will work with a reduced voltage as specified above.



**Standards**, page 2

**Installation example**, page 2

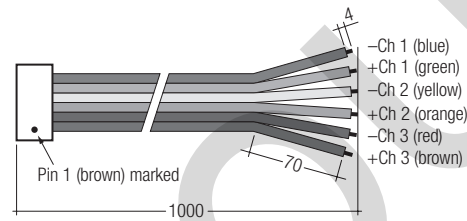
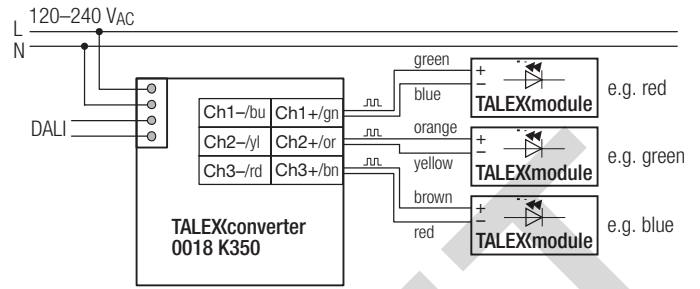
**Standards**

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

**Number of eos modules on Driver LED 0018 K350 DALI RGB per channel**

colour	P211
red,amber	0-5
green, blue,white	0-5

**Wiring**



secondary terminals:  
ribbon cable (AWG26) with 6 pole multipoint socket connector (DIN41651) included in delivery – plus signal leads can be connected together behind end terminal block.

**Loading of automatic circuit breakers**

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
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>
<b>0018 K350</b>	30	40	50	60	15	20	25	30

**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.