

EasyLine LED Drivers – Dimmable

150–700 mA / max. 6–36 W

Electrical characteristics

Secondary side switching of LED modules is not allowed.

Power factor at full load: > 0.85

Dimming

Dimmable (analogue) with phase-cutting trailing-edge dimmer.

Minimum dimmer load has to be observed.

The compatibility of the driver and the dimmer has to be confirmed prior to installation to avoid flickering and/or noises.

Connection details

Mains voltage: 220–240 V ±10%

Mains frequency: 50–60 Hz

Screw terminals: 0.5–2.5 mm²

Safety features

Electronic short-circuit protection

Overload protection

Protection against "no load" operation

Degree of protection: IP20

Protection class II

SELV

Product guarantee: 5 years

at recommended operation temperature

Expected service life time

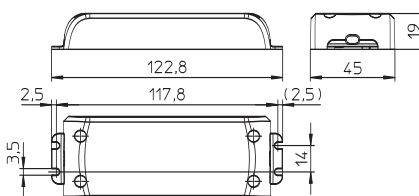
at operation temperatures at t_c point



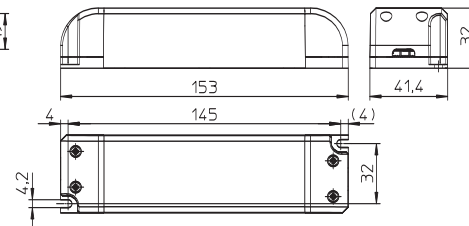
Operation current	Ref. No.					
	186415, 186416, 186451		186505		186447, 186448, 186449, 186450	
all	70 °C*	80 °C	65 °C*	75 °C	60 °C*	70 °C
hrs.	50,000	30,000	50,000	30,000	50,000	30,000

* recommended operation temperature

K52



K53



Max. output W	Type	Ref. No.	Mains voltage 50–60 Hz V	Mains current mA	Current output DC mA	Voltage output DC V	Max. voltage without load DC V	Efficiency at full load % (230 V)	Ambient temperature t_a °C	Casing temperature t_c °C	Weight g
K52 – Dimensions: 122.8x45x19 mm											
6	ECXd 150.151	186447	220–240	40–35	150 ±8%	27–41	60	> 78	–15 to 45	70	70
10	ECXd 500.152	186448	220–240	60–50	500 ±8%	13–20	30	> 80	–15 to 45	70	70
12	ECXd 250.153	186449	220–240	70–60	250 ±8%	27–48	60	> 80	–15 to 45	70	70
K53 – Dimensions: 153x41.4x32 mm											
18	ECXd 350.130	186415	220–240	100–90	350 ±8%	32–52	60	> 85	–15 to 45	80	70
18	ECXd 700.134	186450	220–240	95–85	700 ±8%	16–26	35	> 85	–15 to 45	70	140
21	ECXd 500.186	186505	220–240	110–100	500 ±8%	28–42	50	> 85	–15 to 45	75	100
25	ECXd 700.131	186416	220–240	140–120	700 ±8%	22–36	60	> 85	–15 to 45	80	140
36	ECXd 700.155	186451	220–240	190–170	700 ±8%	32–52	60	> 83	–15 to 45	80	170

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.