

CC LINEAR SIMPLE FIX



EasyLine SIMPLE FIX L-R7 120 V

186504

Typical Applications

Built-in in linear luminaires for

- Office lighting

EasyLine Simple Fix L-R7 120 V

- **WIDE INPUT VOLTAGE RANGE: 120-240 V**
- **LONG SERVICE LIFE:
UP TO 50,000 HRS.**
- **PRODUCT GUARANTEE: 5 YEARS**



EasyLine Simple Fix L-R7 120 V

Product features

- Linear casing shape

Functions

- Fixed output current

Electrical features

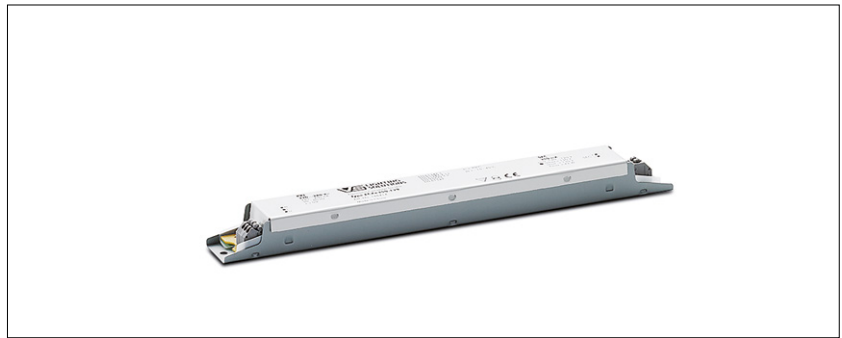
- Mains voltage: 120–240 V $\pm 10\%$
- Mains frequency: 50–60 Hz
- Push-in terminals: 0.2–1.5 mm²
- Power factor at full load: > 0.9
- Max. working voltage (U_{OUT}): 250 V
- Secondary side switching of LED modules is not allowed.

Safety features

- Electronic short-circuit protection
- Overload protection
- Protection against "no load" operation
- Degree of protection: IP20
- Protection class I

Packaging units

Ref. No.	Packaging unit		
	Pieces per box	Boxes per pallet	Weight g
186504	20	120	158



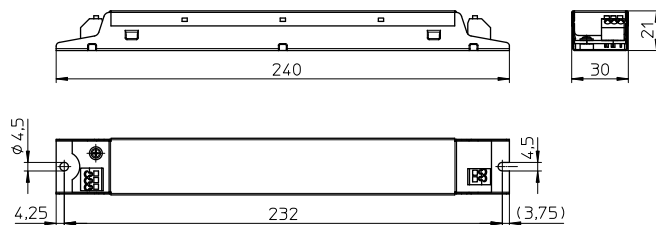
Applied standards

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



Dimensions

- Casing: M5.3
- Length: 240 mm
- Width: 30 mm
- Height: 21 mm



Product guarantee

- 5 years for operation at recommended operation temperature (see table for expected service life time on the next page)
- The conditions for the Product Guarantee of the Vossloh-Schwabe Group shall apply as published on our homepage (www.vossloh-schwabe.com). We will be happy to send you these conditions upon request.

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

LED Drivers – EasyLine Simple Fix L-R7 120 V

Electrical characteristics

Max. output W	Type	Ref. No.	Voltage 50–60 Hz V	Mains current mA	Inrush current A / μ s	Current output DC mA (\pm 5%)	Voltage output DC (V)	THD at full load % (230 V)	Efficiency at full load % (230 V)	Ripple 100 Hz %
35	ECXe 500.185	186504	120–240	330–165	47 / 280	500	30–70	10	> 90	< 7

Maximum ratings

Exceeding the maximum ratings can lead to reduction of service life or destruction of the drivers.

Ref. No.	Ambient temperature range		Operation humidity range		Storage temperature range		Storage humidity range		Max. operation temperature at t_c point °C	Degree of protection
	°C min.	°C max.	% min.	% max.	°C min.	°C max.	% min.	% max.		
186504	-15	+50	5	60	-40	+80	5	95	+70	IP20

Expected service life time

at operation temperatures at t_c point

Operation current	Ref. No.	
	186504	
All	65 °C*	75 °C
hrs.	50,000	30,000

* recommended operation temperature

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