

CC LINEAR SIMPLE FIX



COMFORTLINE SIMPLE FIX L-LV 120 V

186554

Typical Applications

Built-in in linear luminaires for

- Office lighting

ComfortLine Simple Fix L-LV 120 V

- **VERY LOW RIPPLE CURRENT: < 1%**
- **WIDE INPUT VOLTAGE RANGE: 120-240 V**
- **LONG SERVICE LIFE:
UP TO 100,000 HRS.**
- **PRODUCT GUARANTEE: 5 YEARS**



ComfortLine Simple Fix L-LV 120 V

Product features

- Linear casing shape
- Wide input voltage range

Functions

- Predefined output current

Electrical features

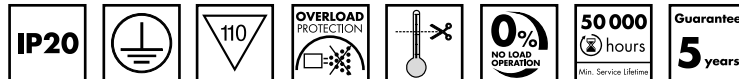
- Mains voltage: 120–240 V $\pm 10\%$
(allowed voltage range: 108–264 V)
- Mains frequency: 50–60 Hz
- Push-in terminals: 0.2–1.5 mm²
- Power factor at full load: > 0.95
- Max. working voltage (U_{OUT}): 250 V
- Secondary side switching of LED modules is not allowed.

Safety features

- Protection against transient main peaks up to 1 kV (between L and N) and up to 2 kV (between L/N and PE)
- Electronic short-circuit protection
- Overload protection
- Overtemperature 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
186554	10	210	152



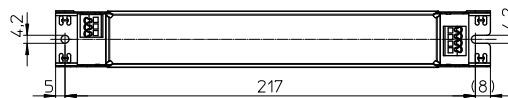
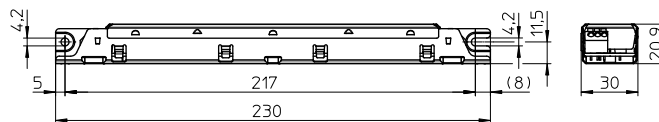
Applied standards

- EN 61347-1
- EN 61347-2-13
- EN 61547
- EN 61000-3-2
- EN 62384
- EN 62386
- EN 55015



Dimensions

- Casing: M6.1
- Length: 230 mm
- Width: 30 mm
- Height: 20.9 mm



Product guarantee

- 5 years
- 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.

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 %
28.5	ECXe 500.210	186554	120–240	280–140	14.8 / 174	500	19–57	19.5	> 83	< 1

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.		
186554	-25	+50	20	60	-40	+85	5	95	+70	IP20

Expected service life time

at operation temperatures at t_c point

Operation current	Ref. No.	
	186554	
All	60 °C	70 °C
hrs.	100,000	50,000

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