

# Low-voltage LED Lamps

Suitable for 12 V AC magnetic transformers and  
12 V DC electronic drivers

Not suitable for 12 V AC electronic converters

## MR16, 4 W

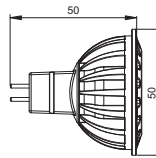
Operating temperature: -20 to 40 °C

Storage temperature: -40 to 60 °C

Input voltage: 12 V AC/DC

Not dimmable

Base: GU5.3



## MR16, 6 W

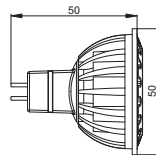
Operating temperature: -30 to 40 °C

Storage temperature: -40 to 60 °C

Input voltage: 12 V AC/DC

Not dimmable

Base: GU5.3



# Electronic Converter for LED Lamps 12 V

## LEDLine EDXe 112

Vossloh-Schwabe's LEDLine EDXe 112/12 V converter is a control component with a voltage output of DC 12 V and an output of up to 12 W to operate LED applications.

The converter is electronically protected against overload, overheating and short-circuiting.

Shape: 103.5x36x22 mm

Weight: 60 g

Mains voltage: 220/240 V

Mains frequency: 50 - 60 Hz

Protection against "no load" operation

Protection class II

SELV-equivalent

Degree of protection: IP20

Power factor: 0.57

EN 61347-1; EN 61347-2-13 (Safety)

EN 61000-3-2 (Mains Harmonics)

EN 55015 (Non radio disturbance)

EN 61547 (EMC Immunity Requirements)

EN 62384 (Performance)

Service life time: 50,000 hrs

permanent operation when maximum temperature

$t_c$  max. at  $t_c$  point will not be exceeded;

failure rate: < 0.2% per 1000 hrs

## Converter EDXe 112

Output: 0.1 - 12 W

Voltage output: 12 V  $\pm$ 0.6 V

Output current: 0.1 - 1 A

Ambient temperature  $t_a$ : -20 to 50 °C

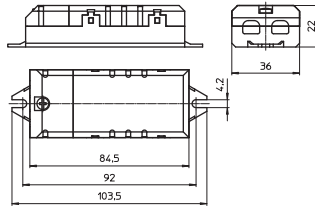
Casing temperature  $t_c$ : 75 °C

Connections:

prim.: 2 x screw terminals 2.5 mm<sup>2</sup>

sec.: 2 x screw terminals 2.5 mm<sup>2</sup>

**Ref. No.: 186204**



## Important notice

### Low-voltage LED lamps

- Unsuitable for use with electronic converters for halogen lamps. Only use magnetic transformers or LED converters
- Do not connect more than one unit to one transformer
- Do not use in ambient temperatures of more than 40 °C
- Unsuitable for installation in enclosed or airtight luminaires
- For indoor use only
- Unsuitable for use outdoors or in high-moisture environments
- Unsuitable for use with dimmers

### Caution

- Always disconnect equipment from the mains before replacing lamps

### Mains voltage LED lamps

- Unsuitable for operation with an additional driver
- Integrated high-frequency driver
- Do not use in ambient temperatures of more than 40 °C
- Unsuitable for installation in enclosed or airtight luminaires
- For indoor use only
- Unsuitable for use outdoors or in high-moisture environments
- Dimmable with phase-cut dimmers (E27 PAR lamps only); minimum dimmer load has to be respected. The compatibility of the lamp to the dimmer has to be confirmed prior to installation to avoid flickering and/or noises. VS PAR lamps are recommended to be used with LEGRAND Universal type 574008 or equivalent.