

## LED Converter C50/300 C50/500

### Type:

Electronic converter for the operation of light emitting diodes (LEDs) in series connection.

### Functional description:

- The input voltage (e.g. 230 V, 50 Hz) is rectified and smoothed by means of a capacitor.
- An additional electronic circuitry generates a constant output current for the LEDs.
- The output current is preset to 50 mA DC.
- The output voltage automatically adjusts to the respective load.

### Primary data:

C50/300: 230 V (+/- 10 %), 50/60 Hz, max. 0.11 A  
 C50/500: 230 V (+/- 10 %), 50/60 Hz, max. 0.17 A

### Secondary data:

Type C50/300: 315 V, 50 mA DC (+/- 5 %)  
 Type C50/500: 510 V, 50 mA DC (+/- 5 %)

### Fuses:

Primary: 1 A embedded, non-replaceable melting fuse  
 Secondary: 250 mA embedded, non-replaceable melt. fuse

### Short-circuit / open-circuit protection:

The converters are short-circuit- and open-circuit-proof (no cut-off).

### Galvanic isolation:

The input and output are galvanically isolated.

**Weight:** C50/300: 0.22 kg  
 C50/500: 0.28 kg

### Radio interference suppression:

According to VDE 0875, Part 2A1 (EN 55015)

### Temperatures:

Ambient temperature range: -25 to +55°C

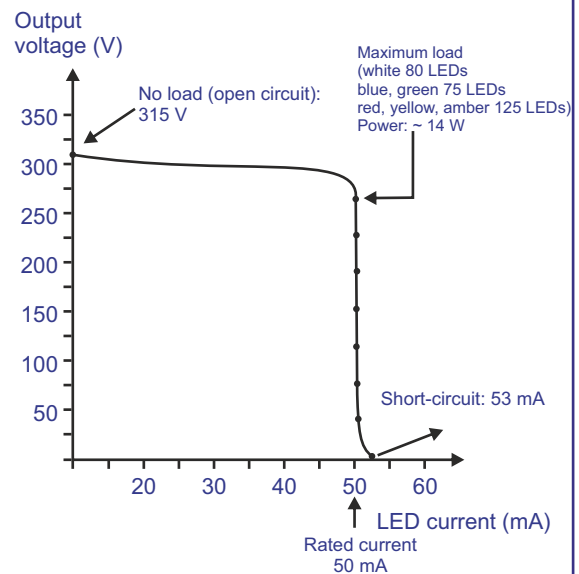
### Housing:

Hard PVC shell  
 Fire protection class: B1  
 Standard colour: white  
 Sealing compound: polyurethane (black)

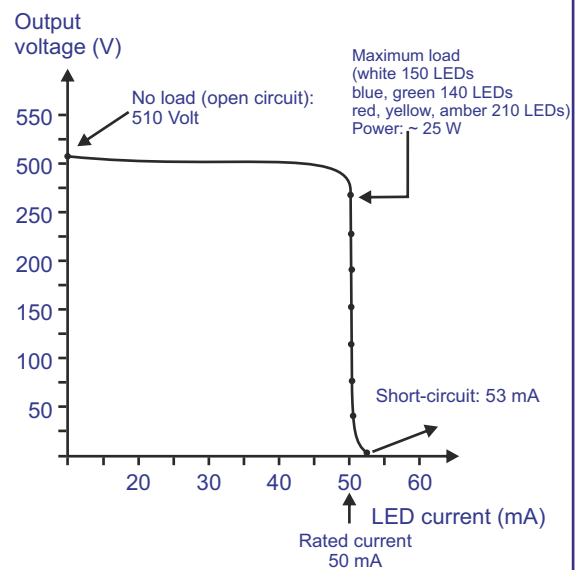
### Class of protection: I

### Degree of protection: IP 67

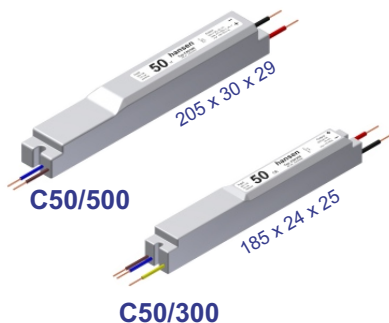
### Output characteristic C50/300



### Output characteristic C50/500



### Housing dimensions



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