

LED Converter C40/300

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 40 mA DC.
- The output voltage automatically adjusts to the respective load.

Primary data:

230 V (+/-10 %), 50/60 Hz, max. 0.1 A

Secondary data:

315 V (DC, max.), 40 mA (+/-5 %)

Fuses:

Primary: 1 A embedded, non-replaceable melting fuse
Secondary: non-replaceable fusing resistor

Short-circuit / open-circuit protection:

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

Galvanic isolation:

The input and output are **not** galvanically isolated.

Weight: 0.11 kg

Radio interference suppression:

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

Temperatures:

Ambient temperature range: -25°C to +55°C

Housing:

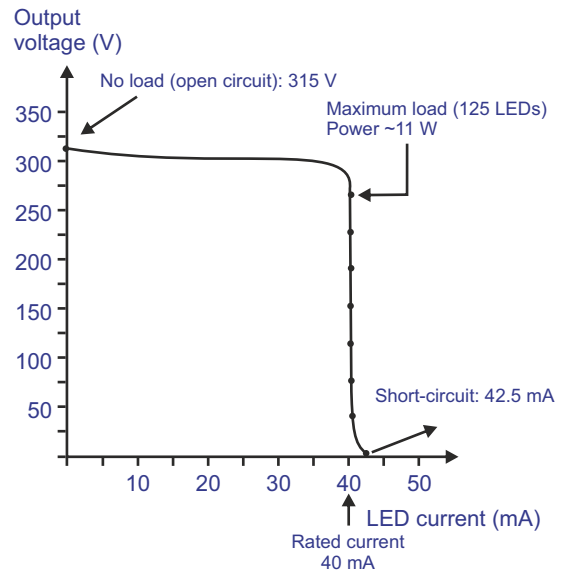
Hard PVC shell
Fire protection class: B1
Standard colour: white
Sealing compound: polyurethane (black)

Class of protection: II

Degree of protection: IP 67

Output characteristic C40/300

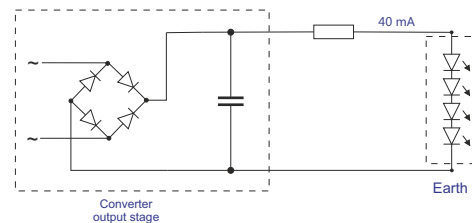
(for red, yellow, amber LEDs)



Maximum loading with standard LEDs:

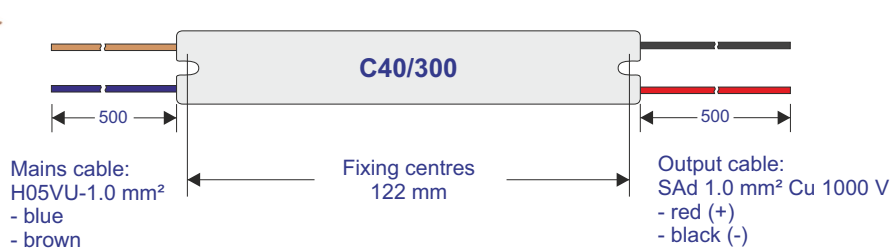
Red, yellow, amber : 125 LEDs

Typical LED connection on the output side



Housing dimensions

Housing colour: white



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