

LED Converter C50/990

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:

230 V (+/- 10 %), 50/60 Hz, max. 0.52 A

Secondary data:

C50/990: 990 V (DC, max.), 50 mA (+/- 5 %)

Fuses:

Primary side: 1 A embedded, non-replaceable fuse
Secondary side: 0.2 A embedded, non-replaceable 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: 0.65 kg

Radio interference suppression:

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

Temperatures:

Ambient temperature range: -25 to +55°C

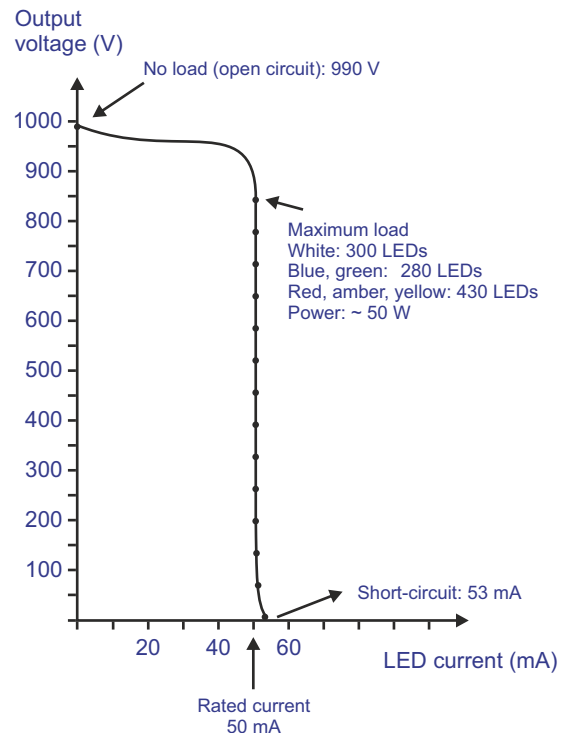
Housing:

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

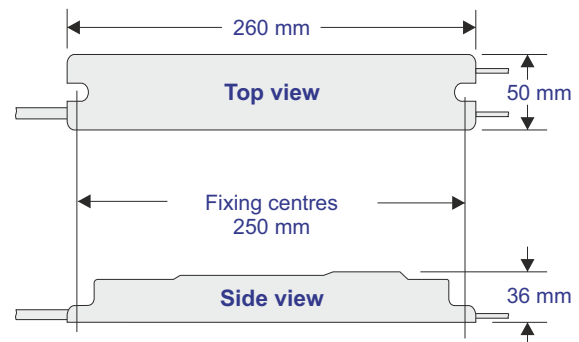
Class of protection: I

Degree of protection: IP 67

Output characteristic C50/990



Housing dimensions



Mains cable:
H03VV-F,
3 x 0.75 mm²
Length: 1000 mm

Order no. 5 2590 050



Output cable:
SAd 1.0mm² re Cu 1000 V
Length: 500 mm
- red (+)
- black (-)



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