

## LED Converter C25/990

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

### Primary data:

230 V (+/- 10 %), 50/60 Hz, max. 0.17 A

### Secondary data:

C25/990: 990 V (DC, max.), 25 mA (+/- 5 %)

### Fuses:

1 A embedded, non-replaceable melting 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: 0.315 kg

### Radio interference suppression:

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

### Temperatures:

Ambient temperature range: -25 to +55°C

### Housing:

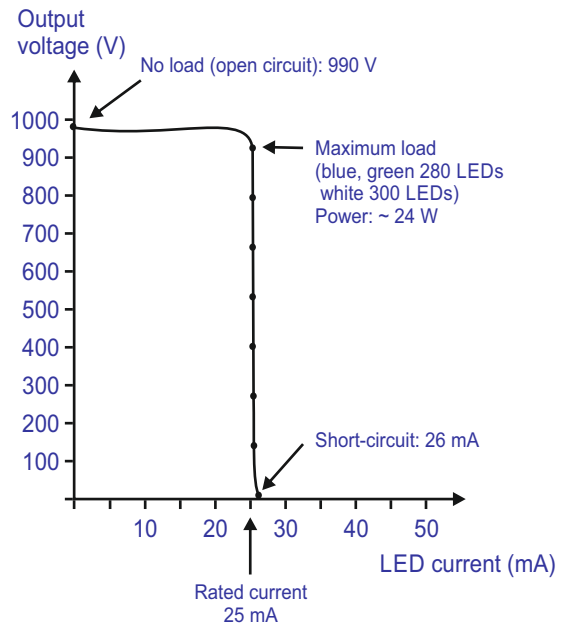
Shell made of injection-moulded ABS plastic  
 Fire protection class: UL94 V-0  
 Standard colour: creme white  
 Sealing compound: polyurethane (black)

### Class of protection: II

### Degree of protection: IP 67

### Output characteristic C25/990

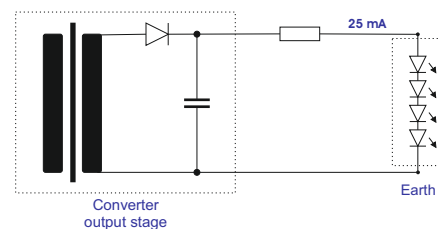
(for white, blue, green LEDs)



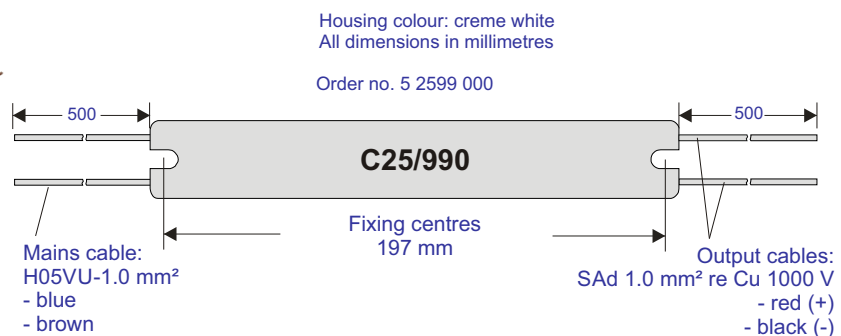
### Maximum loading with standard LEDs:

Blue, green 280 LEDs  
 White 300 LEDs

### Typical LED connection on the output side



### Housing dimensions



Housing colour: creme white  
 All dimensions in millimetres

Order no. 5 2599 000



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