

## LED Converter C100/150 C100/300

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

### **Primary data:**

C100/150: 230 V (+/- 10 %), 50/60 Hz, max. 0.11 A  
 C100/300: 230 V (+/- 10 %), 50/60 Hz, max. 0.17 A

### **Secondary data:**

Type C100/150: 150 V, 100 mA DC (+/- 5 %)  
 Type C100/300: 280 V, 100 mA DC (+/- 5 %)

### **Fuses:**

Primary: 1 A embedded, non-replaceable melting fuse  
 Secondary: 0.2 A 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:** C100/150: 0.22 kg  
 C100/300: 0.28 kg

### **Radio interference suppression:**

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

### **Temperatures:**

Ambient temperature range: -25 to +55°C

### **Housing:**

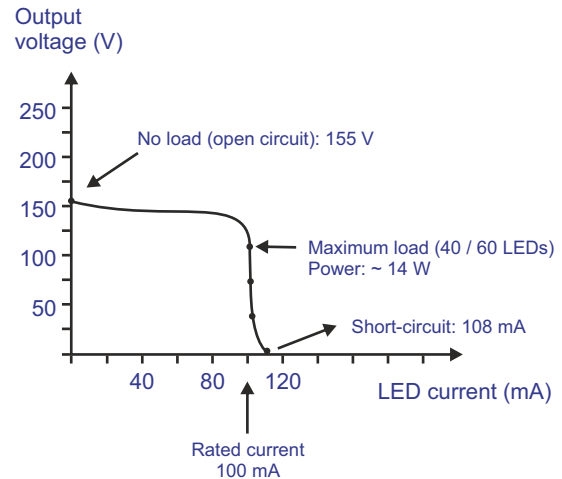
Hard PVC shell  
 Fire protection class: B1  
 Standard colour: white  
 Sealing compound: polyurethane (black)

### **Class of protection:** I

### **Degree of protection:** IP 67

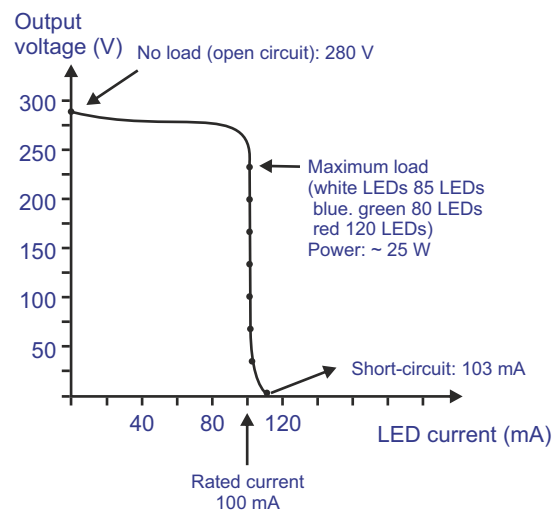
### **Output characteristic C100/150**

**for max. 40 power LEDs (white / blue / green)  
 for max. 60 power LEDs (red)**

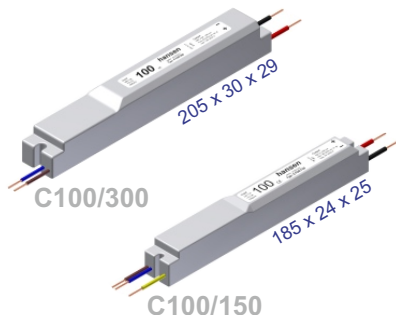


### **Output characteristic C100/300**

**for max. 80 power LEDs (white / blue / green)  
 for max. 120 power LEDs (red)**



### **Housing dimensions**



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