

# LED Converter C47, C68, C100, C168, C200

#### C47 .... C68 .... C100 (for 0.1 W standard LEDs) Dimming: Type: Electronic converter for the operation of standard-type The converter can be dimmed to a limited extent only using (0.1 W) light emitting diodes (LEDs) in series connection a reverse phase control dimmer which must be capable of operating with a small minimum load (below 25 W). Fuses: 1 A embedded, non-replaceable melting fuse Weight: 80 g Short-circuit / open-circuit protection: Radio interf. suppression: VDE 0875, Part 2A1 (EN 55015) The converter is short-circuit- and open-circuit-proof **Temperatures:** (no cut-off). Ambient temperature range: -25 to +55°C Primary data: Housing: 230 V (+/- 10 %), 50/60 Hz, max. 0.12 A Hard PVC shell, standard colour: white Secondary data: Fire protection class: B1 The output voltage automatically adjusts to the load Sealing compound: polyurethane (black) depending on the number of connected LEDs. Class of protection: II **Galvanic isolation:** Degree of protection: IP 67 The input and output are not galvanically isolated.

#### The smallest type of converter for LEDs

These converters have no constant-current characteristic. The number of LEDs which can be connected is shown in the table below.

Туре	Article number	Type of LED	No. of LEDs	LED current	Type of LED	No. of LEDs	LED current
C47	5 2300 047	$\bigcirc \bullet \bullet$	5 - 32	27 - 19 mA		-	-
C68	5 2300 068	$\bigcirc \bullet \bullet$	32 - 50	27 - 19 mA		1 - 35	42 - 34 mA
C100	5 2300 100	$\bigcirc \bullet \bullet$	52 - 67	27 - 19 mA		50 - 80	47 - 38 mA

**Housing:** 

L x B x H: 52 x 34 x 17

Input / output cable: SAd 1.0 mm<sup>2</sup> re Cu 1000 V Length: 500 mm red (+) / black (-) blue (N) / brown (L)

**Dimming:** 

Weight: 120 g

**Temperatures:** 

Fire protection class: B1

Class of protection: II

Degree of protection: IP 67

Housing:



The converter can be dimmed to a limited extent only using

Radio interf. suppression: VDE 0875, Part 2A1 (EN 55015)

Ambient temperature range: -25 to +55°C

Hard PVC shell, standard colour: white

Sealing compound: polyurethane (black)

a reverse phase control dimmer which must be capable of operating with a small minimum load (below 25 W).

# C168 .... C200 (for 0.4 W power LEDs)

#### Type:

Electronic converter for the operation of **power-type** (0.4 W) light emitting diodes (LEDs) in series connection **Fuses:** 

500

1 A embedded, non-replaceable melting fuse

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

The converter is short-circuit- and open-circuit-proof (no cut-off).

**Primary data:** 

230 V (+/- 10 %), 50/60 Hz, max. 0.15 A

## Secondary data:

The output voltage automatically adjusts to the load depending on the number of connected LEDs.

### **Galvanic isolation:**

The input and output are not galvanically isolated.

### The smallest type of converter for LEDs

These converters have no constant-current characteristic. The number of LED which can be connected is shown in the table below.

Туре	Article number	Type of LED	No. of LEDs	LED current	Type of LED	No. of LEDs	LED current	]
C168	5 2510 168	$\bigcirc$ $\bullet$ $\bullet$	1 - 25	102 - 82 mA	• • •	1 - 45	105 - 79 mA	1
C200	5 2510 200	$\bigcirc$ $\bullet$ $\bullet$	25 - 45	100 - 78 mA		25 - 60	105 - 80 mA	
Housing Fixing eye 3 mm	<u>C</u> L x B x 84 x 46 x	17	S/ Le re	put / output cabl Ad 1.0 mm² re C ength: 500 mm d (+) / black (-) ue (N) / brown (I	u 1000 V	ALL PROPERTY.		
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