

LED Converter C47, C68, C100, C168, C200

C47 C68 C100 (for 0.1 W standard LEDs)

Type:
Electronic converter for the operation of **standard-type (0.1 W)** light emitting diodes (LEDs) in series connection

Fuses:
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. 0.12 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.

Dimming:
The converter can be dimmed to a limited extent only using a reverse phase control dimmer which must be capable of operating with a small minimum load (below 25 W).

Weight: 80 g

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

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

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

Class of protection: II

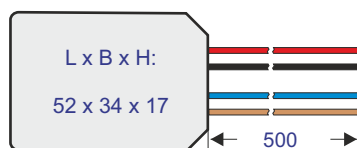
Degree of protection: IP 67

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.

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

Housing:



Input / output cable:
SAd 1.0 mm² re Cu 1000 V
Length: 500 mm
red (+) / black (-)
blue (N) / brown (L)



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:
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.

Dimming:
The converter can be dimmed to a limited extent only using a reverse phase control dimmer which must be capable of operating with a small minimum load (below 25 W).

Weight: 120 g

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

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

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

Class of protection: II

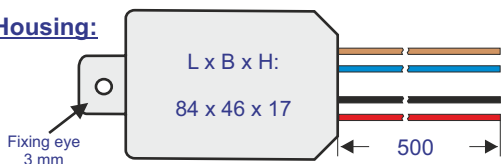
Degree of protection: IP 67

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.

| Type | Article number | Type of LED | No. of LEDs | LED current | Type of LED | No. of LEDs | LED current |
|------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C168 | 5 2510 168 | ○ ● ● | 1 - 25 | 102 - 82 mA | ● ● ● | 1 - 45 | 105 - 79 mA |
| C200 | 5 2510 200 | ○ ● ● | 25 - 45 | 100 - 78 mA | ● ● ● | 25 - 60 | 105 - 80 mA |

Housing:



Input / output cable:
SAd 1.0 mm² re Cu 1000 V
Length: 500 mm
red (+) / black (-)
blue (N) / brown (L)



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