



Certificate of Conformity

Number: C211-0034/16 **Project file:** C20161039

Product: Heating elements for water

Type reference: 65.., 85.., 10.., 1675..
(additional information on next page)

Trademark: ELMERA

Applicant: ELMERA
Elektromehaničarski obrt za izradu svih vrsta električnih grijača
Ivanec, Gorica 34, HR-10290 Zaprešić, Croatia

Manufacturer: ELMERA
Elektromehaničarski obrt za izradu svih vrsta električnih grijača
Ivanec, Gorica 34, HR-10290 Zaprešić, Croatia

Place of manufacture: ELMERA
Elektromehaničarski obrt za izradu svih vrsta električnih grijača
Ivanec, Gorica 34, HR-10290 Zaprešić, Croatia

This certificate is granted subject to the SIQ's rules on product certification. SIQ certifies the conformity of the products with the requirements of the listed standards.

Ratings: Additional information on next page

Standard: EN 60335-1:2012 + A11:2014

Test report: T211-0376/16

Remarks: This certificate shall apply to the products identical to the tested sample and shall remain valid for the period of 3 years until 2019-06-01 or until the validity date of the listed standards, whichever occurs earlier.

This certificate supersedes previous issued certificate C211-0056/12

Date: 2016-06-01

Authorized signature:

Bojan Pečavar

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Remark:

The update was issued due to the extension with amendments IEC 60335-1/A1:2013 and EN 60335-1/A11:2014, generalization of the type designation and changed rated voltage from 380 V to 400 V.

Key of marking of heating elements for water:

xx(xx)yyy(y)

xx(xx).....diameter of heating element (65 – 6,5 mm; 85 – 8,5 mm; 10 – 10 mm; 1675 – 16,75 mm)
yyy(y)..length of heating element in mm

Ratings and technical characteristics:

Rated voltage:

- Ø 6,5 mm: 230 V
- Ø 8,5 mm: 230 V or 400 V
- Ø 10 mm: 230 V or 440 V
- Ø 16,75 mm: 230 V or 440 V

Specific power:

- Ø 6,5 mm: 18,5 W/cm²
- Ø 8,5 mm: 18,5 W/cm²
- Ø 10 mm: 18,5 W/cm²
- Ø 16,75 mm: 18,5 W/cm²

Length of the heating elements:

- Ø 6,5 mm: from 300 mm to 5900 mm
- Ø 8,5 mm: from 300 mm to 6000 mm
- Ø 10 mm: from 300 mm to 6200 mm
- Ø 16,75 mm: from 300 mm to 6200 mm

Heating elements are for building-in class I appliances. Earthing connection of sheath of heating elements shall be provided in end product. Protection against electric shock shall be achieved after installation in end product.

Additional tests according to appropriate standards with particular requirements for end products shall be checked after installation of heating elements in end product.

Date: 2016-06-01

Authorized signature:

Bojan Pečavar

