



Certificate of Compliance

Certificate: 2434104 (253245)

Master Contract: 253245

Project: 70176415

Date Issued: 2018-03-19

Issued to: Siekerkotte GmbH & Co. KG Elektrowärmetechnik
25 Herringhauser Strasse
Herford, Nordrhein-Westfalen 32051
GERMANY
Attention: Wöltje Dunkake

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Susanne Dormann
Susanne Dormann

PRODUCTS

CLASS - C287182 - HEATERS-Miscellaneous - Certified to US Standards

CLASS - C287102 - HEATERS-Miscellaneous

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

Component Industrial metal sheathed heater elements for immersed use, type EHK MS G 1½, Rating: 230 V~, 60 Hz, 3000 W; 230 / 400 3N~, 60 Hz, 3000 W.

Component Industrial metal sheathed heater elements for immersed use, type EHK MS G 1½, Rating: 277 V~, 60 Hz, 3000 W; 277 / 480 3N~, 60 Hz, 3000 W

Component Industrial metal sheathed heater elements for immersed use, type EHK MS G 1½, Rating: 230 V~, 60 Hz, 2000 W; 230 / 400 3N~, 60 Hz, 2000 W

Conditions of Acceptability:

1. Heater elements are certified as components where the suitability of the combination is to be evaluated by CSA International or other Regulatory Authorities.
2. Heater elements are certified for use in applications where the sheath temperature does not exceed the maximum temperature limits specified in CSA No. 72.



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3. Heater elements are certified for use in applications where the sheath temperature does not exceed the maximum temperature limits specified in UL 1030.
4. These industrial heater elements are only for used submersed in non-etching liquids and to be fully immersed into water until the bottom of Flange.
5. In this test report, only the heater element and its flange are subjected to be investigated. For the other parts including the sealing rubber and terminal cover, they shall be investigated in the end use.
6. If overheating protection device is needed, it shall be investigated in the end use.
7. The end use installation for these component type heater elements shall be subjected to further investigation by local electrical authorities having jurisdiction.
8. Maximum temperature for the Metal Sheath cannot exceed 760 °C.

APPLICABLE REQUIREMENTS

CSA Std. C22.2 No. 72-10 (reaffirmed 2014)	-	Heater Elements
UL Std. No. 1030, 8 th Edition	-	Sheathed Heating Elements



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70176415	2018-03-19	Update to report 2434104 with model with new ratings.
70062381	2016-09-01	Update to report 2434104 for adding new voltage rating heaters.
2434104	August 5, 2011	Original cCSAus certification of Industrial metal sheathed heater elements for immersed use, type EHK MS G 1½.