



## Certification

This is to certify that the evaluation described herein was designed, performed and executed with the concurrence of Mersen, located at Newburyport, MA who is the test sponsor. All equipment and measuring instruments used during testing were calibrated and traceable to NIST according to ISO 10012-1 and ANSI/NC SL Z540.3

The laboratory has the documented quality management system that meets the applicable clauses of the ISO 17025 in accordance with the applicable DAP program requirements, applicable ISO 17025 clauses and UL test standards/test clauses.

Overall, Mersen's lab has the proper equipment and expertise needed to perform testing included under their UL DAP Client Test Data Program and Third- Party Data Program.

All Data, raw and summarized, analysis and conclusions presented herein are the property of Mersen. No copy of this report shall be forwarded to any agency, customer, etc., without the written approval of Mersen USA EP Corp.

Testing and Report Completed by Development Team Leader  
Thomas R. Dawson, Mersen Newburyport Massachusetts USA  
Rev 01  
12/07/2023

*MERSEN USA EP Corp.*

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## Purpose

This is to certify that representative samples of Mersen A100P(35-60) Type 4 have been tested to UL 248-1, 4th Ed., issued 2022-10-24. Further more this document expands upon UL Certificate of Compliance UL-US-L60314-212-01306791-3, Issued 28-Sep-2023 to Mersen USA Newburyport-Ma L L C 374 Merrimac St Newburyport, MA 01950-1930 United States, which is based upon UL Report E60314-19760310.

## Coverage:

JFHR2 – Special-purpose Fuses – Cat. Nos. A100P(35-60A)

## Interrupting Rating:

In accordance with Certificate UL-US-L60314-212-01306791-3 Mersen fuses Cat. Nos. A100P(35-60A), followed by 4 for Type 4, may be followed by TA or TI, are rated to 1000Vdc at 56kA with a time constant of 3.8ms.

Per UL E60314-19760310-Description File:

### INTERRUPTING RATING:

<u>Catalog Number Prefix</u>	<u>Interrupting Rating AC (Sym Rms)</u>	<u>dc (A)</u>
A50	100,000	79,000
A70	100,000	100,000
<b>A100</b>	<b>100,000</b>	-----
A100 <b>rated (35-60A)</b>	<b>100,000</b>	56,000#

Cat. Nos. A50P and A70P rated 23-30 A employ a 100,000 A ac and dc interrupting rating.

#A100P fuses **rated 35-60A** are rated 1000Vdc 56kA 3.8ms

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### Additional Information:

See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information, Certification status, and Follow Up Testing results.

### References:

UL Certification UL-US-L60314-212-01306791-3

UL Description File E60314-19760310-Description

UL Test Record File E60314-Vol1-Sec2-20230810

UL Standard UL 248-1, 4th Ed., issued 2022-10-24

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