

UL Type Examination Certificate

ATEX Directive 2014/34/EU

Certificate
UL 25 ATEX 3442U
Rev. 0

Issue date
2025-11-20

This is to acknowledge that

ACTIVA Inc.

9F-1, 472, Chung San 2nd Road, Kaohsiung 800, Taiwan

has had

Component EC Fan

EEP12038FVH-HM

evaluated and meets the requirements of the standards

EN IEC 60079-0:2018

EN IEC 60079-0:2018/A11:2024

EN 60079-7:2015

EN IEC 60079-7:2015/A1:2018

EN 60079-7:2015/A11:2024

Test Report No. **US/UL/ExTR25.0079/00**

Certification Manager
Thomas Wilson

UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark,
Tel. +45 44 85 65 65, www.ul.com

This is to certify that the sample(s) of the product described herein ("Certified Product") has been investigated and found in compliance with the above mentioned harmonized Standard(s) per Article 12 of Directive 2014/34/EU of the European Parliament and of the Council relating to equipment and protective systems for use in potentially explosive atmospheres indicated on this Certificate, in accordance with the UL Type Examination Certificate Scheme Requirements.
The responsibilities of manufacturers, their authorized representatives are provided in Articles 6 and 7 of the Directive 2014/34/EU. This remains the responsibility of the manufacturer and authorized representative and is not covered as part of this certificate.
This certificate and test results obtained apply only to the product sample(s) submitted by the Applicant. UL International Demko A/S did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established follow-up service for inspection or other surveillance of the product. The Certificate Holder is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Directives/Regulations. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

UL TYPE EXAMINATION CERTIFICATE

TECHNICAL DETAILS/SCHEDULE

Description of component

The Model EEP12038FVH-HM is open type, EC component Fan with brushless motor and intended for use in industrial application. The devices are intended for installation into an end-user supplied enclosure that utilizes a tool-accessible door or cover.

Compliance with Design of fans working in potentially explosive atmospheres, EN 14986:2017, has not been verified for the component as part of this certificate.

Ex Marking

 II 3 G Ex ec IIC Gc

Temperature range

The service temperature range is -20°C to +91.5°C (D5).

Trademark

SYMBANG

Ratings

Input: 110~230 Vac, 7 W

Routine tests

A routine dielectric strength test shall be carried out between input wires and frame at the test voltage 1800 V r.m.s, but maintained for at least 100 ms without breakdown.

Descriptive documents.

The scheduled drawings are listed in the report no. provided under item "US/UL/ExTR25.0079/00" on page 1 of this UL Type Examination Certificate

Schedule of Limitations

- The device contains only insulated parts except for input leads and shall be installed in an enclosure that provides protection in accordance with EN IEC 60079-7.
- The service temperature range of the devices is -20°C to +91.5°C (D5). During the temperature test, the maximum temperature measured within the device was +91.5°C at ambient temperature of +40°C.
- The connection secureness and separation distances of lead wires shall be investigated in end-use.
- The earthing terminal shall be investigated in end product.