



Ref. Certif. No.

US-42934-UL

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Hall Effect Current Sensors

Name and address of the applicant

ALLEGRO MICROSYSTEMS L L C
955 PERIMETER RD MANCHESTER, NH 03103-3353
UNITED STATES

Name and address of the manufacturer

ALLEGRO MICROSYSTEMS L L C
955 PERIMETER RD MANCHESTER, NH 03103-3353
UNITED STATES

Name and address of the factory

ALLEGRO MICROSYSTEMS PHILIPPINES INC
TEST CENTER
SAMPAGUITA ST
MARIMAR VILLAGE PARANAQUE, METRO MANILA, 1700
PHILIPPINES

Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

(Provided for reference only)

Rated isolation voltage for Basic/Supplemental Insulation:
5000Vpk/3500Vrms (Tested to 6000Vpk for 1 minute)

Additional Information on page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

ACS37010LLZA, ACS37012LLZA, ACS37029LLZA,
ACS37030LLZA, ACS37031LLZA, ACS37032LLZA
Model numbers may be followed additional suffixes not affecting safety.

Additional information (if necessary may also be reported on page 2)

Additionally evaluated to: EN 62368-1:2014, EN 62368-1:2014/A11:2017;
National Differences: EU Group Differences, AU, CA, DK, FI, JP, NZ, NO,
SE, GB, US

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2014

As shown in the Test Report Ref. No. which forms part of this Certificate

E316429-A6005-CB-1 issued on 2023-11-07

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pflingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2023-11-07

Signature:

Jolanta M. Wroblewska



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Additional Ratings:

(Provided for reference only)

Rated isolation voltage for Basic/Supplemental Insulation:

5000Vpk/3500Vrms (Tested to 6000Vpk for 1 minute)

Rated isolation voltage for Reinforced Insulation:

3000Vpk/2100Vrms (Tested to 6000Vpk for 1 minute)

Maximum Working Voltage for Basic/Supplemental Insulation:

840Vrms or 1187VDC / 1187Vpk

Maximum Working Voltage for Reinforced Insulation:

420Vrms or 594VDC / 594Vpk

Additional information (if necessary)



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