

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

## CB TEST CERTIFICATE

## Product

Electronic controlgear (LED driver)

## Name and address of the applicant

Helvar Components Oy Ab  
Yrittajantie 23, 03600 Karkkila, Finland

## Name and address of the manufacturer

Helvar Components Oy Ab  
Yrittajantie 23, 03600 Karkkila, Finland

## Name and address of the factory

*When more than one factory*☒ Additional information on page 3

## Ratings and principal characteristics

## Product data

Ratings: 220-240 VAC/DC, 0/50-60 Hz, auto-wound, non-inherently short-circuit proof, 120 °C thermal protection, EL mark.

Other information refers to model list of test report.

## Product data – type LL120HE-DA-200-900-IND

Input current: 0,54-0,59A; Power factor: 0,58c-0,99; Max. case temperature (tc): 85°C

## Product data – type LL165HE-DA-300-1050-IND

Input current: 0,72-0,8A; Power factor: 0,65c-0,99; Max. case temperature (tc): 90°C

## Product data – type LL80HE-DA-100-800-IND

Input current: 0,36-0,41A; Power factor: 0,45c-0,99; Max. case temperature (tc): 90°C

## Trademark / Brand (if any)

  
Helvar Components

## Customer's Testing Facility (CTF) Stage used

## Model / Type Ref.

LL120HE-DA-200-900-IND, LL165HE-DA-300-1050-IND and LL80HE-DA-100-800-IND

## Additional information

☐ Additional information on page 2

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

IEC 61347-1:2015, IEC 61347-1:2015/AMD1:2017, IEC 61347-2-13:2014 and IEC 61347-2-13:2014/AMD1:2016

## National differences:

EU Group Differences, GB

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.  
Meander 1051  
6825 MJ Arnhem  
Netherlands

Date: 2025-07-28

Signature: Kreny Lin

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

4937221.50

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## Additional factory

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