

CERTIFICATE ENEC/FI 2016011 A1



Our Ref. 287699-1

Product	Electronic control gear for LED module
Rating and principal characteristics	See page 2
Trade mark (if any)	Helvar
Type	LC1x35-DA LC1x25-DA
Name and address of the licensee and the manufacturer	Helvar Oy Ab Keilaranta 5 FI-02150 ESPOO FINLAND
Is in conformity with	EN 61347-2-13:2014 EN 61347-1:2008 + A1:2011 + A2:2013 EN 62384:2006 + A1:2009
As shown in the Test Report(s) No(s)	281658-2_A, 281658-2_A Amendment-1, 281658-2_A Amendment-2 281658-2_B, 281658-2_B Amendment-1, 281658-2_B Amendment-2
It is authorized to use of the marks	ENEC 16 and FI
Validity	This certificate is valid until 19 February 2021 provided that the Conditions for ENEC and FI certification are met. This certificate includes the right to use the ENEC 16 and FI mark under the condition that product changes (if any) will be approved at SGS Fimko before the product is brought onto market.
Directive information	The certified product(s) fulfils requirements of above mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.
With the following limitations	-
Date of issue	08 March 2017
Signature	SGS Fimko Ltd  Peter Fagerstedt Certification Manager

This certificate has 3 pages

This certificate is issued by the company under its General Conditions for Certification Services accessible at <http://www.sgs.fi/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Page No.: 2 of Certificate No.: ENEC/FI 2016011 A1

Rating and principal characteristics



LC1x25-DA:
220-240VAC; 0/50-60Hz; Constant current 350mA/9...48V or
700mA/9...36V; t_c +75°C; $\lambda_{0,91}$...0,95; P-OUTmax: 25,2W;
U-OUTmax: 60V; t_a : -20...+50°C, SELV, EL

LC1x25-DA:
220-240VAC; 0/50-60Hz; Constant current 500mA/9...48V; t_c +75°C;
 $\lambda_{0,93}$; P-OUTmax: 24W; U-OUTmax: 60V; t_a : -20...+50°C, SELV, EL

LC1x35-DA:
220-240VAC; 0/50-60Hz; Constant current 700mA/9...48V or
1050mA/9...34V; t_c +75°C; $\lambda_{0,96}$; P-OUTmax: 35,7W;
U-OUTmax: 60V; t_a : -20...+40°C, SELV, EL

Additional information

The output current of the control gear models LC1x25-DA and LC1x35-DA is also possible to adjust to the fixed value without external resistor (I_{res}) by using DALI- configuration. When using Dali-configuration the output current range of the control gear is a same as using external resistor I_{res} configuration. When control gear is using fixed output current value, this fixed value is marked on the Type label of the control gear.

This certificate replaces earlier ENEC certificate FI 2016011 M1, dated 15 December 2016, due to changed marking plates and changed address of the Helvar manufacturing site.

Page No.: 3 of Certificate No.: ENEC/FI 2016011 A1

Manufacturing site(s)

Helvar Oy Ab
Yrittäjätie 23
FI-03600 KARKKILA
FINLAND