

CERTIFICATE ENEC/FI 2012045 M3



Our Ref. 268536-1

Product Electronic ballast for tubular fluorescent lamps

Rating and principal characteristics

EL2x54ngn5: 220-240V; 0/50-60Hz; 2x54W (FDH-54-L/P-G5); 0,53-0,48A; λ 0,98; tc 75°C; U-OUT=400V; ta = -20...+50°C

EL2x24ngn5: 220-240V; 0/50-60Hz; 2x24W (FDH-24-L/P-G5 / FSD-24-E-2G11); 0,24-0,21A; λ 0,98; tc 75°C; U-OUT=400V; ta = -20...+50°C

EL2x55ngn5: 220-240V; 0/50-60Hz; 2x55W (FSDH-55-L/P-2G11); 0,54-0,49A; λ 0,98; tc 75°C; U-OUT=400V; ta = -20...+50°C

EL2x39/36ngn5: 220-240V; 0/50-60Hz; 2x39/36W (FDH-39-L/P-G5/FSD-36-E-2G11); 0,36-0,29A; λ 0,98; tc 75°C; U-OUT=400V; ta = -20...+50°C

Trade mark (if any) HELVAR

Type EL2x54ngn5, EL2x24ngn5, EL2x55ngn5, EL2x39/36ngn5

Name and address of the licensee Helvar Oy Ab, PL 100, 03601 KARKKILA, FINLAND

Address of the manufacturer Helvar Oy Ab, Yrittäjätie 23, 03600 KARKKILA, FINLAND

Is in conformity with EN 61347-2-3:2011
EN 61347-1:2008 + A1:2011
EN 60929:2011

As shown in the Test Report(s) No(s) 268536-1_A, 268536-1_B, 268536-1_A Amendment -1...3
268536-1_B Amendment -1...3

It is authorized to use of the marks ENEC 16 and FI

Validity This certificate is valid until 08 October 2017 unless the standard in question has been amended or superseded with significant changes in requirements, in which case, SGS Fimko has the right to shorten the validity of the certificate based on the legislation of the European Union. This certificate includes the right to use the ENEC 16 and FI mark under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto market and that the conditions for ENEC and FI certification are met.

With the following limitations -

Date of issue 22 March 2013

Signature

Kari Vesterinen
Product Line Manager



This certificate has 2 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.