

SGS

# CERTIFICATE ENEC16/FI/21/01027

Our Ref. HEL-CERT210500447-02

**Certificate holder**

Oy Lival Ab  
Lukkarinmäentie 1  
FI-04130 Sipoo  
Finland

**Product**

Independent controlgear for supplying LED modules

**Trademark (if any)**

GLOBAL trac®

**Type**

Adapter Driver GA021 T1 20W  
Adapter Driver GA022 T2 30W  
Adapter Driver GA023 T3 40W

**Rating and principal characteristics**

See page 3

**Is complying with the following European Standards**

EN 61347-2-13:2014 + A1:2017  
EN 61347-1:2015 + A1:2021  
EN 62384:2006 + A1:2009

**It is authorized to use the ENEC Mark in conjunction with the suffix 16, as shown above.**

**Validity**

This certificate is valid until 2026-05-12 provided that the Conditions for ENEC certification are met. This certificate includes the right to use the ENEC 16 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 certification are met.

**This certificate has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.**

**Date of issue**

2021-05-12

**SGS Fimko Ltd**

**Signature**

Peter Fagerstedt

Certification Manager

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**Manufacturer**

Oy Lival Ab  
Lukkarinmäentie 1  
FI-04130 Sipoo  
Finland

**Manufacturing site**

1. Eino Korhonen Oy  
Teollisuustie 25  
FI-06150 Porvoo  
Finland

2. OÜ EKOY Elektroonika  
Ekoi kinnistu, Altküla  
Lääne-Harju vald  
76012 Harjumaa  
Estonia

**Directive information**

The certified product(s) fulfils requirements of relevant mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.

**Additional information**

Models are suitable for use with the following track systems, manufactured by Nordic Aluminium:

- Global Trac PRO
- Global Trac PULSE

Independent controlgear requirements have been checked according the following standards:

- EN 60570:2003 + A1:2018
- EN 60598-1:2015 + A1:2018

**Following limitations apply**

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**As shown in the Test Report(s) No(s):** 300191-1A, 300191-1B

## Rating and principal characteristics

### Adapter Driver GA021 T1 20W:

PRI: 220-240 Vac; 50/60 Hz;  $I_{MAX}$  0,11 A; PF 0,90-0,95  
 SEC: 250-500 mA; 20-40 Vdc; 20  $W_{MAX}$ ;  $V_{OMAX}$  59 Vdc;  
 Ta 0...35 °C; Tc max 75 °C; SELV; class II; IP20

The output current is adjustable by a dip-switch to 250, 350, 400 or 500 mA.

### Adapter Driver GA022 T2 30W:

PRI: 220-240 Vac; 50/60 Hz;  $I_{MAX}$  0,16 A; PF 0,9-0,95  
 SEC: 550-750 mA; 20-40 Vdc; 30  $W_{MAX}$ ;  $V_{OMAX}$  59 Vdc;  
 Ta 0...35 °C; Tc max 80 °C; SELV; class II; IP20

The output current is adjustable by a dip-switch to 550, 600, 700 or 750 mA.

### Adapter Driver GA023 T3 40W:

PRI: 220-240 Vac; 50/60 Hz;  $I_{MAX}$  0,22 A; PF 0,9-0,95  
 SEC: 850-1050 mA; 20-40 Vdc; 40  $W_{MAX}$ ;  $V_{OMAX}$  59 Vdc;  
 Ta 0...35 °C; Tc max 85 °C; SELV; class II; IP20

The output current is adjustable by a dip-switch to 850, 900, 1000 or 1050 mA.