

# CERTIFICATE FI/41862/M1

Our Ref. HEL-CERT231210387-02



**Product** Socket-outlet, with electronic switch

**Type** ESC5011

**Trademark** 

**Certificate Holder** Elko AS  
Sandstuveien 68, N-0680, Oslo, Norway

**Technical information** 230 V~, 50 Hz, 16 A, IP20

**Other information** Standard sheet III. Pattern no.: 1

**The product is certified according to the following standard(s)** IEC 60884-1:2002 + A1:2006 + A2:2013  
SFS 5610:2015 + A11:2016  
EN 60669-1:2018  
EN 60669-2-1:2004 + A1:2009 + A12:2010  
EN 60669-2-5:2016

**Validity** This certificate is valid until 2029-01-02 provided that the Conditions for FI certification are met. This certificate includes the right to use the 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 FI certification are met.

**Date of issue** 2024-06-27

**SGS Fimko Ltd**

**Signature**   
Joonas Leinonen  
Certification Manager



**Manufacturer**

Elko AS  
Sandstuveien 68, N-0680, Oslo, Norway

**Manufacturing site**

Lexel Fabrika SIA  
Krustpils 35a, LV-1073, Riga, Latvia

**Additional information**

The products have certificate no. SE-S-2400452 issued by Intertek Semko AB in accordance with the Nordic Certification Service system.

Socket outlet with incorporated electronic switch for flush mounting. With screw terminals.  $\mu$ - gap disconnection.

Available as two versions:

- Wiser Single Socket Outlet: Switched socket outlet with ZigBee communication
- Timer Socket Outlet: Same hardware as Wiser Single Socket Outlet, but with a modified firmware without RF communication.

Type of loads:

- Incandescent lamps: 2000W
- LEDs: 100W, 125  $\mu$ F
- Wound transformer: 1500VA
- Electronic transformer: 2000VA
- Resistive loads: 3680W
- Fluorescent lamps: 6AX max 70 $\mu$ F
- Inductive load: 16A  $\cos\phi=0,6$
- Motor load: 1600VA, max 7A

Function:

- Local control by mechanical push-button
- Contains RF-parts for ZigBee communication (Wiser Single Socket Outlet)
- Remote control via other ZigBee devices or ZigBee hub by ZigBee protocol (Wiser Single Socket Outlet)
- Six selectable time delays: 15 min, 30 min, 1 h, 2 h, 4 h & 8 h (Timer Socket Outlet)

This certificate replaces previous certificate FI/41862, dated 2024-01-02, due to addition of cover version ElkoOne Design and addition of Timer Socket Outlet version.

**As shown in the Test Report(s) No(s):**

277196-TL3-2, 308502-TL3-1, 2309675STO-001, 2402674STO-001, 313212-TL3-1