

CERTIFICATE

Issued to:

Applicant:

AN-EL Anahtar ve Elektrikli Ev Aletleri San. A.S.
Velibaba mh. Ankara CAD. No 188 Dolayoba
Pendik
34896 Istanbul, Turkey

Licensee:

AN-EL Anahtar ve Elektrikli Ev Aletleri San. A.S.
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34896 Istanbul, Turkey

Product : rotary switches
Trade name(s) : AN-EL
Type(s)/model(s) : I10

The product and any acceptable variation thereto as specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to EN IEC 61058-1:2018 and EN 61058-1-1:2016
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6064185

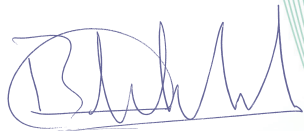
DEKRA hereby grants the right to use the DEKRA Mark.

The DEKRA Mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Mark certification agreement.

This certificate is issued on 1 June 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-128546 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



71-128546

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: rotary switches
Trade name(s)	: AN-EL
Type(s)/model(s)	: I10
Type reference	: common type (C.T.)
Type of switch	: incorporated
Ratings	: 10 A; 400 V~ 16 A; 250 V~
Pattern nos.	: special design
Circuit to be controlled	: resistive
Temperature limit	: T150
Contact opening	: full disconnection
Frequency of operation	: 10.000 operating cycles (16 A; 250 V~) 30.000 operating cycles (10 A; 400 V~)
Class	: for class II appliances
Degree of protection	: IP00
Degree of pollution	: macro PD3 micro PD3
Insulating material	: material group I; tracking resistance (600 V) material group IIIa; tracking resistance (250 V)
Resistance to ignitability by glow wire temperature	: 850 °C
Rated impulse withstand voltage	: 2500 V
Material group	: I or IIIa
Terminals	: tab terminals (6,3 x 0,8 mm)
Description	: body and actuator of thermoplastic material
Markings	: trade mark, type indication, temperature limit and electrical ratings on the body

List of components

Component	Manufacturer/ Trade name	Type/Model	Approval mark ¹⁾
Material group IIIa	Epsan	Eplon 66GV0 25BK Q1C5D001	tested as part of component
Material group I	BASF	Ultradid A3X2G5(f2)(r)	UL E 41871 tested as part of component

¹⁾ * indicates a component tested as part of the appliance

TESTS**Test requirements**

EN IEC 61058-1:2018

EN 61058-1-1:2016

Test result

The test results are laid down in DEKRA test file 227518400.

Additional information

The maximum load for each contact is 10 A or 16 A.

The maximum total load for the contacts with combined input is 10 A or 16 A.

Additional tests according to Clause 30 of EN 60335-1:2012 and its amendments are performed with positive results.

Resistance to ignition by glow wire temperature: insulation material around connections within an area of 3,0 mm

- Glow-wire test 750 °C; no flame

- Glow-wire test 850 °C; flame, if any, extinguished within 30 seconds after removal of the glow-wire tip.

This certificate replaces certificate No. 71-128546 which we hereby declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

AN-EL Anahtar ve Elektrikli Ev Aletleri San. A.S.

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34896 Istanbul, Turkey

Annex Tracking Sheet:**Original Certificate:**

Based on ENEC certificate 71-128447

-alternative material Epsan, EPLON 66 GV0 25BK Q1C5D001

Carried out under DEKRA project 2275184.00

REV. 1: Latest version

Replaces certificate 71-128546 dated 10 May 2023

-adding the different material with their material group I and IIIa

Carried out under DEKRA project 2275184.00