

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 6062648

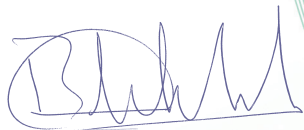
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 4 June 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-128448 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



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 E41871 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. 71-128448 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.

Velibaba mh. Ankara CAD. No 188 Dolayoba Pendik

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 KEMA-KEUR certificate 71-128448 dated 10 May 2023

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

Carried out under DEKRA project 2275184.00