

CERTIFICATE

Issued to:

Applicant:

AN-EL Anahtar ve Elektrikli Ev Aletleri San. A.S.
Tepeoren ITOSB Mahallesi, 3. Cadde 4
34959 Tuzla, Türkiye

Licensee:

AN-EL Anahtar ve Elektrikli Ev Aletleri San. A.S.
Tepeoren ITOSB Mahallesi, 3. Cadde 4
34959 Tuzla, Türkiye

Product : rotary switches
Trade name(s) : AN-EL
Type(s)/model(s) : I05, I20 and I30

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

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

- 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

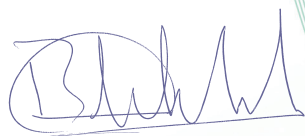
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 14 January 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-128351 REV.3

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: rotary switches
Trade name(s)	: AN-EL
Type(s)/model(s)	: I05, I20 and I30
Type reference	: common type (C.T.)
Type of switch	: incorporated
Ratings	: 16 A; 250 V~ 10 A; 400 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 PD2 micro PD2
Insulating material	: material group I: tracking resistance (600 V) material group IIIa: tracking test (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 of thermoplastic material
Markings	: moulded 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(f)(r)	UL E41871 and tested as part of component

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

Product data – type I05

Number of circuits : 5

Product data – type I20

Number of circuits : 9

Product data – type I30

Number of circuits : 13

TESTS**Test requirements**

EN IEC 61058-1:2018

EN 61058-1-1:2016

Test result

The test results are documented in DEKRA test file 227518400, 229447500.

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. 71-128351 REV.2 which we hereby declare invalid.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

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

Tepeoren ITOSB Mahallesi, 3. Cadde 4

34959 Tuzla, Türkiye

Annex Tracking Sheet:**Original Certificate:** 27 April 2023

Carried out under project 2275028.00

REV.1: dated 10 May 2023

Replaces certificate 71-128351 dated 27 April 2023 to include
-alternative material Epsan, EPLON 66 GV0 25BK Q1C5D001
Carried out under DEKRA project 2275184.00

REV.2: dated 31 May 2023

Replaces certificate 71-128351 REV.1 dated 10 May 2023
-adding the different material with their material group I and IIIa
Carried out under DEKRA project 2275184.00

REV.3: latest version

Replaces certificate 71-128351 REV.3 dated 31 May 2023
-adding type I30
Carried out under DEKRA project 2294475.00