## **ENEC LICENSE**

License No. ENEC-03540-M1

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**Date of Issue** 2022-11-28

License Holder CROUZET

12 RUE JEAN JULLIEN-DAVIN VALENCE 26000

**FRANCE** 

Production site CROUZET

ZONE INDUSTRIELLE SIDI MAAROUF, LOT NO. 16 CASABLANCA 20280

CROUZET

**MOROCCO** 

See Page 3 for additional information

Certification Mark See Annex 1

**Trademark** 

Certified Product Mechanical micro switch

Model 83161 series

See Page 2 for additional Information

CROUZET or

**Ratings** 16(4) A, 250 V~, T125, 50E3 IP40

See Page 2 for additional Information

**Tested acc. to** EN 61058-1-1:2016, EN IEC 61058-1:2018 **Test Report No.** INST-4790596291-A-1 issued on 2022-11-07

INST-4790596291-A-1-1 issued on 2022-11-07

**Additional Information** The report was revised to include technical modifications.

Certification Manager

Jan-Erik Storgaard

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**Certification Body** 

UL International Demko A/S, Borupvang 5A, DK-2750 Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com www.ul.com



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### Model Detail(s):

The product covered in this report is a mechanical micro switch, series 83161.

The part number may be prefixed by "A" or "U" or both. All models followed by 0 through 9, can be followed by 00 through 99, with or without suffix "SP" or "SF" 0000 through 9999.

The switch is designed for use in Class I appliances, overvoltage category II, macro/micro pollution degree 3/2, for rating voltage 400 V macro/micro pollution degree 1/2, impulse withstand voltage 2500 V, with micro and full disconnection, IP40.

Verification of instructions of EN 60335-1, clause 30.2.3.2: carried out at 750°C – 2s with material PET, FR530/FR530L, E41938 and PET, FR531, E41938.

#### Models and ratings list:

Model	Load	Amp	Volt	Hz	Temp °C	Pol/Thr/(Cir)	Endurance	Disc
831611/ 831613	RM	16(4)	250	50-60	125	1/1 or 2 (1,2 or 2.2)	50E3	μ
	RM	10(4)	250	50-60	150	1/2 or 2 (1,2 or 2.2)	50E3	μ
	RM	10(4)	400	50-60	125	1/2 or 2 (1,2 or 2.2)	50E3	μ
	GP	16	250	50-60	130	1/2 or 2 (1,2 or 2.2)	10E3	μ
	RM	16(4)	250	50-60	150	1/2 or 2 (1,2 or 2.2)	10E3	μ
	RM	10(8)	250	50-60	90	1/2 or 2 (1,2 or 2.2)	50E3	μ
	R	0,5	125	DC	130	1/2 or 2 (1,2 or 2.2)	10E3	μ
	R	0,25	250	DC	130	1/2 or 2 (1,2 or 2.2)	10E3	μ
831614	RM	10(3)	250	50-60	150	1/2 or 2 (1,2 or 2.2)	50E3	μ
	GP	10	250	50-60	130	1/2 or 2 (1,2 or 2.2)	10E3	μ
831615,	RM	4(1)	250	50-60	125	1/2 or 2 (1,2 or 2.2)	50E3	μ
831615 SP4136	GP	4	250	50-60	130	1/2 or 2 (1,2 or 2.2)	10E3	μ
831616	RM	12(3)	250	50-60	125	1/2 or 2 (1,2 or 2.2)	10E3	Full
	GP	12	250	50-60	130	1/2 or 2 (1,2 or 2.2)	10E3	Full
831618	RM	5(1)	250	50-60	125	1/2 or 2 (1,2 or 2.2)	50E3	μ
	GP	5	250	50-60	130	1/2 or 2 (1,2 or 2.2)	10E3	μ
831619,	RM	4(1)	250	50-60	125	1/2 or 2 (1,2 or 2.2)	50E3	μ
831619S P4136	GP	4	250	50-60	130	1/2 or 2 (1,2 or 2.2)	10E3	μ

**Certification Body** 

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## Factory(ies):

Crouzet Industry (Huizhou) Ltd 34F, No 6, Huifeng West 2nd Road Pingnan Industrial Park Zhongkai Hitech Industrial Development Zone Huizhou, Guangdong, 516006 China

#### Additional information:

The original report was modified to include the following changes/additions:

- Updated General Product Information

This certificate replaces the certificate no. ENEC-03540 issued on 2021-06-01.

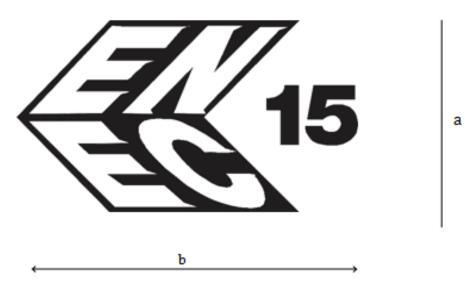
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# Annex 1 to License No. ENEC-03540-M1

Annex of the form of the Mark



15 is the identification number of the Certification Body

Size of the mark:

The size of the mark may be reduced on the condition that it remains legible and that the ratio b/a=1,7 is kept.

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