



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312304001188

Applicant	JUMO GmbH & Co. KG
Address	Moritz-Juchheim-Straße 1, 36039 Fulda, Germany
Manufacturer	JUMO GmbH & Co. KG
Address	Moritz-Juchheim-Straße 1, 36039 Fulda, Germany
Production Factory	JUMO GmbH & Co. KG
Production Address	Moritz-Juchheim-Straße 1, 36039 Fulda, Germany
Product	Thermostat
Model/Type	exTHERM-AT-605055
Ex marking	Ex d e IIC T4/T5/T6 Gb, Ex tD A21 IP64 T130°C/T100°C/T80°C
Reference Standards	GB3836.1-2010, GB3836.2-2010, GB3836.3-2010, GB12476.1-2013, GB12476.5-2013

Certification mode Type Test + Initial Factory Inspection + Post-Certification Surveillance

The product(s) is verified and certified according to CNCA-C23-01: 2019 *China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product* and CNEC-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (2 pages).

Issued on: 2021-11-09

Valid to: 2026-11-08

The validity of this certificate is maintained through the regular supervision of the issuing authority during the validity period.

Where any discrepancy arises between the English translation and the original Chinese version, the Chinese version shall prevail.

Director:



Nanyang Explosion Protected Electrical
Apparatus Research Institute Co.,Ltd.



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Product information:

1. This certificate covers the following models:

- exTHERM-AT-605055

Rating:

Opening contact (contact 1-2):

AC: 400 V +10%, 16 A

AC: 230 V +10%, 16(2.5) A, $\cos \phi = 1(0.6)$

AC: 230 V +10%, 25(4) A, $\cos \phi = 1(0.6)$

DC: 230 V +10%, 0.25 A

Make contact (contact 1-4):

AC: 400 V +10%, 6.3 A

AC: 230 V +10%, 6.3(2.5) A, $\cos \phi = 1(0.6)$

AC: 230 V +10%, 2(0.4) A, $\cos \phi = 1(0.6)$

DC: 230 V +10%, 0.25 A

AC: 400 V +10%, 2 A

AC: 230 V +10%, 2(0.4) A, $\cos \phi = 1(0.6)$

AC: 230 V +10%, 2(0.4) A, $\cos \phi = 1(0.6)$

DC: 230 V +10%, 0.25 A(16)

Depending on model the maximum ambient temperature range is from -60°C to +80°C. The temperature class depending on switch current and ambient temperature is given in following table:

Max. ambient Temperature	Max. Switching Current	Temperature class	Max. Surface Temperature
50°C	25A	T5	T100°C

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80°C	16A	T5	T100°C
50°C	16A	T6	T85°C
40°C	25A	T6	T85°C
55°C	25A	T4	T130°C

Ex marking: Ex d e IIC T4/T5/T6 Gb, Ex tD A21 IP64 T130°C/T100°C/T80°C

- Producers should organize production in accordance with the technical documents approved by the certification body.
2. Specific conditions of safety use:
- Depending on max ambient temperature rage and intended use of the equipment , the manufacturer has to make sure that all components are suitable for the ambient conditions and comply with the type of protection and standards of final apparatus installation.
 - See instruction for other information.
3. Certificate related report(s):
- Type test report: CQST2110C070
 - Factory inspection report: CN2021Q010528
4. Certificate change information: None

Issued on: 2021-11-09

Director:



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