



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2020312307000188

Applicant Sun Yeh Electrical Ind. Co., Ltd.
Address No.68, Lane 854, Sec. 1, Shatian Rd., Dadu District, Taichung City, 432, Taiwan
Manufacturer Sun Yeh Electrical Ind. Co., Ltd.
Address No.68, Lane 854, Sec. 1, Shatian Rd., Dadu District, Taichung City, 432, Taiwan
Production Factory Sun Yeh Electrical Ind. Co., Ltd.
Production Address No.68, Lane 854, Sec. 1, Shatian Rd., Dadu District, Taichung City, 432, Taiwan
Product Explosion-proof Quarter-Turn Actuators
Model/Type OME-□-□-□-□
Ex marking Ex db IIB T4 Gb, Ex tb IIIC T130°C Db
Reference Standards GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.31-2021

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).

Initial issue date: 2020-12-25

Issued date: 2022-09-17

Valid to: 2025-12-24

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:

- OME-1-□-□-□, OME-A-□-□-□, OME-AM-□-□-□, OME-2-□-□-□, OME-3-□-□-□,
OME-4-□-□-□, OME-5-□-□-□, OME-6-□-□-□, OME-7-□-□-□, OME-8-□-□-□

Nomenclature:

OM	E	-	□	-	□	-	□	-	□
①	②		③		④		⑤		⑥

① Stands for Quarter-Turn Actuator

② Stands for Explosion-proof

③ Stands for type (1, A, AM, 2, 3, 4, 5, 6, 7, 8)

④ Stands for voltage (D12 stands for 12V DC, 12 stands for 12V AC, D24 stands for 24V DC, 24 stands for 24V AC, 100 stands for 100V AC, 120 stands for 110~120V AC, 200 stands for 200V AC, 220 stands for 220~240V AC)

⑤ Stands for controlling method (M stands for Modulating, F stands for Floating)

⑥ Duty rating: 30, 75

Voltage: 12V DC, 24V DC, 12V AC, 24V AC, 100V AC, 110~120V AC, 200V AC, 220~240V AC

Frequency: 50/60Hz

Max. Torque: 35Nm, 50Nm, 90Nm, 150Nm, 400Nm, 500Nm, 650Nm, 1000Nm, 1500Nm

IP Degree:

Models	IP Degree
OME-1-□-□-□, OME-A-□-□-□, OME-AM-□-□-□	IP66/IP68(72h, 7m)

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OME-2-□-□-□, OME-3-□-□-□, OME-4-□-□-□, OME-5-□-□-□, OME-6-□-□-□, OME-7-□-□-□, OME-8-□-□-□	IP68(72h, 7m)
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Ex Marking: Ex db IIB T4 Gb, Ex tb IIIC T130°C Db

- Producers should organize production in accordance with the technical documents approved by the certification body.

2. Specific conditions of safety use:

- Ambient temperature: -30°C~ +70°C.
- The flamepaths in this equipment are different to the standard dimensions given in GB/T 3836.2. If specific flamepath dimensions are required then the manufacturer (OEM) must be contacted.
- Caution - Use fasteners with yield stress \geq 450MPa.
- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2011C080, CQST2011C080/01
- Factory inspection report: CN2020Q010316

4. Certificate change information:

- 1st change on September 17, 2022:
 - 1) Updated the standards for certification.
 - 2) Add IP66 to Models OME-1-□-□-□, OME-A-□-□-□, OME-AM-□-□-□.

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