



国家防爆

防爆合格证

Electrical Apparatus for Explosive Atmospheres
CERTIFICATE OF CONFORMITY

Manufacturer Sun Yeh Electrical Ind. Co., Ltd.
Address: No.68, Lane 854, Sec. 1, Shatian Rd., Dadu District, Taichung City, 432, Taiwan

Product Explosion-Proof Spring Return Actuators

Type SE-□-□-□-□-□

Marking Ex db IIB T4 Gb, Ex tb IIIC T130°C Db

Standard(s) --

Drawing No. Ex10075, Ex10076, Ex10077

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

GB/T3836.1-2021	Explosive atmospheres - Part 1: Equipment - General requirements
GB/T3836.2-2021	Explosive atmospheres - Part 2: Equipment protection by flameproof enclosures "d"
GB/T3836.31-2021	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

Note:

See Annex (1 pages in total).

Director

Date:

2022-09-14

Valid until:

2024-06-22



南阳防爆电气研究所
NANYANG EXPLOSION PROTECTED ELECTRICAL APPARATUS RESEARCH INSTITUTE
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注: 本证书仅对与认可文件和样品一致的产品有效。

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Note: This certificate is only valid for products which are identical with the sample(s) tested and verified. Holder of this certificate has the responsibility to ensure the products comply with relevant standards.



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防爆合格证 (附页)

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1. This product has been certified, under certificate number IECEx SIR 14.0109X, issue 4, dated 2020-08-17.

2. Type designation:

SE-500-□-□-□-□, SE-1300-□-□-□-□, SE-2000-□-□-□-□, SE-2600-□-□-□-□

S	E	-	□	-	□	-	□	-	□	-	□
①	②		③		④		⑤		⑥		⑦

① Stands for Spring return actuator

② Stands for Explosion-proof

③ Stands for torque (Nm)

④ Stands for voltage (D24 stands for 24VDC, 24 stands for 24VAC, 100 stands for 100VAC, 120 stands for 110~120VAC, 200 stands for 200VAC, 220 stands for 220~240VAC, 380 stands for 380VAC, 440 stands for 440VAC)

⑤ Stands for the fail-safe direction of rotation (CW stands for clockwise, CCW stands for counterclockwise)

⑥ Stands for controlling method (T stands for Two position, M stands for Modulating, F stands for Floating)

⑦ Stands for with or without manual override (Y stands for with manual override, N stands for without manual override)

3. Voltage: 24V DC, 24V AC, 100V AC, 110~120V AC, 200V AC, 220~240V AC, 380V AC, 440V AC

4. Frequency: 50/60Hz

5. Torque: 50Nm, 130Nm, 200Nm, 260Nm

6. IP Degree: IP68(72h, 7m)

7. Specific conditions of safety use:

1) Ambient temperature: -30℃~+70℃.

2) 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.

3) Caution - Use fasteners with yield stress $\geq 450\text{MPa}$.

8. Renewal the certificate due to the change of standards.

Director

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