



CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/24/GZ/00045U

Contract Number: 802641

Certificate Project Number: GZ-CERT240100064

Certified Product: Servo Motor

Trademarks: Servotronix

Model(s): PH2-R04A230x5yzD*, PH2-R04B230x5yzD*, PH2-R06A230x5yzD*, PH2-R06B230x5yzD*, PH2-R08A230x5yzD*, PH2-R08A430x5yzD*, PH2-L10B230x5yzA*-1, PH2-L10B230x5yzA*, PH2-L10B430x5yzD*, PH2-M13D430x5yzA*, PH2-M18A430x5yzA* (x=0-5; y=S3, M3, S4, M4, T1, T2, T3, T4, R1 or R5; z=0 or 1; *=1~3 digits of number or letters or blank)

Technical Data: See page 2

Certificate Holder: Guangdong Midea Technology Intelligent Co., Ltd.
Block B of 2nd floor, B1 Building, No.3 of Liaoxin Road, Shuikou Residential Committee, Beijiao Town, Shunde, Foshan, Guangdong, China

This certificate supercedes previous certificates issued with the same certificate number. Certification is valid when products are indicated on the SGS directory of certified products at www.sgs.com or using the QR code below. The product is certified according to ISO/IEC Guide 17067, Conformity assessment - Fundamentals of product certification, System 3, and in accordance with:

UL 1004-1, 2nd Edition, Rev. Nov. 05, 2020

UL 1004-6, 2nd Edition, Revised March 17, 2022

CAN/CSA C22.2 No. 100:14 (R2019)

Authorized by:

Effective date: 08 March 2024



Jason Wei
Certifier

Page 1 of 3



SGS operates certification programs under the authority of several accreditation or recognition bodies including A2LA, ANAB, OSHA NRTL, and Standards Council of Canada. This certificate is issued by the company under its General Conditions for Certification Services accessible at <https://www.sgs.com/en/terms-and-conditions>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Certification Body

Connectivity & Products, a division of SGS North America Inc.
620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA
t +1 770 570 1800 f +1 770 277 1240 www.sgs.com



CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/24/GZ/00045U

Contract Number: 802641

Certificate Project Number: GZ-CERT240100064

Technical Data:

Model	①	②	③	④	⑤	⑥	⑦
PH2-R04A230x5yzD*	220V	1.15A	Class F	3000RPM	8000RPM	1.01A	50W
PH2-R04B230x5yzD*	220V	1.4A	Class F	3000RPM	8000RPM	1.26A	100W
PH2-R06A230x5yzD*	220V	2.2A	Class F	3000RPM	8000RPM	2A	200W
PH2-R06B230x5yzD*	220V	3.4A	Class F	3000RPM	8000RPM	3.1A	400W
PH2-R08A230x5yzD*	220V	4.5A	Class F	3000RPM	6000RPM	4.1A	750W
PH2-R08A430x5yzD*	380V	4.5A	Class F	3000RPM	6000RPM	4.1A	750W
PH2-L10B230x5yzA*-1, PH2-L10B230x5yzA*	220V	10A	Class F	3000RPM	5000RPM	8.9A	1.5kW
PH2-L10B430x5yzD*	380V	6.63A	Class F	3000RPM	6000RPM	5.8A	2.0kW
PH2-M13D430x5yzA*	380V	6.83A	Class F	3000RPM	6000RPM	5.9A	3.1kW
PH2-M18A430x5yzA*	380V	11.5A	Class F	3000RPM	5000RPM	9.6A	5.8kW

① Rated input voltage, ② Rated input current, ③ Insulation system, ④ Rated rational speed, ⑤ Maximum rational speed, ⑥ Continuous stall current, ⑦ Output wattage

Certification Body

Connectivity & Products, a division of SGS North America Inc.
620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA
t +1 770 570 1800 f +1 770 277 1240 www.sgs.com

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/24/GZ/00045U

Contract Number: 802641

Certificate Project Number: GZ-CERT240100064

Additional Information:

Schedule of Limitations

1. The device should be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.
2. The terminals have not been investigated for field connection. The acceptability of the connections to these terminals, including temperature, secureness and strain relief, shall be determined in the end-use application.
3. The spacings between conductive part of Encoder to dead metal part are lower than requirement of UL 1004-1. The necessity of using Limited Power source or Class 2 power source to power the Encoder shall be determined in the end-use application.
4. The segregation between conductive part of Brake and live part of this device shall be determined in the end use application.
5. The lifting lug of models PH2-M18A430x5yzA* have not been evaluated in this report and the suitability shall be determined in the end use application.
6. The spacings are evaluated according to UL 840, overvoltage category II, pollution degree 3. The control circuits of motor shall be provided with surge protective device in end use application, complies with UL 1449, having below characteristics: a) MCOV $\geq$ rated input voltage; b) MLV $\geq$ 2.5kV (models rated 220V), $\geq$ 4kV (models rated 380V); c) $I_n \geq$ 1250A (models rated 220V), $\geq$ 2000A (models rated 380V).
7. The following tests were conducted as part of this Recognition. The need for additional tests will be determined in the end use application.

Test Name:

Ratings Tests

Temperature Tests

Mechanical Tests

#Strain Relief Test

#Push-Back Relief Test

Dielectric Voltage-Withstand Test

*Grounding Test

Locked Rotor Test for Non-metallic Function Parts

- These tests were only conducted to power input cable of this device. * - The current used for measurement was 40A, test duration: 2min.

Certification Body