

CERTIFICATE

Issued to:
Applicant:
Dong Guan Tian Sheng Optic-tronics Corp.
No.8 & No.10, Kuiqiao Rd, Tang Xia Town
523716 Dongguan City Guangdong, China

Licensee:
Dong Guan Tian Sheng Optic-tronics Corp.
No.8 & No.10, Kuiqiao Rd, Tang Xia Town
523716 Dongguan City Guangdong, China

Product : Track system
Trade name(s) : POWERGEAR ®
Type(s)/model(s) : PRO-0222, PRO-0402, PRO-0404, PRO-0406, PRO-0408, PRO-0410, PRO-0418SK, PRO-0420, PRO-0430, PRO-0431L, PRO-0431R, PRO-0432, PRO-0433, PRO-0433A, PRO-0434, PRO-0435L, PRO-0435R, PRO-0436L1, PRO-0436L2, PRO-0436R1, PRO-0436R2, PRO-0437, PRO-0439, PRO-0440, PRO-04400, PRO-0440S, PRO-0449, PRO-0490, PRO-04SK, PRO-2431L, PRO-2431R, PRO-2433, PRO-2433A, PRO-2434, PRO-2435L, PRO-2435R, PRO-2436L1, PRO-2436L2, PRO-2436R1, PRO-2436R2, PRO-2437, PRO-2439, PRO-2440, PRO-B5001, PRO-B5002, PRO-B5002M, PRO-B5011, PRO-B5012, PRO-B5222, PRO-C100, PRO-D431L, PRO-D431R, PRO-D434, PRO-D435L, PRO-D435R, PRO-D436L1, PRO-D436L2, PRO-D436R1, PRO-D436R2, PRO-D437, PRO-D439, PRO-D480, PRO-D5001, PRO-D5002, PRO-EZ0447, PRO-EZ0448, PRO-M142, PRO-M146T, PRO-M147, PRO-M148, PRO-M149, PRO-M149, PRO-M435, PRO-M436L, PRO-M436R, PRO-M438, PRO-R402, PRO-R404, PRO-R406, PRO-R408, PRO-R410, PRO-R420, PRO-R430, PRO-R431, PRO-R434, PRO-R435, PRO-R436, PRO-R437, PRO-R4400, PRO-RX431L, PRO-RX431R, PRO-RX432, PRO-RX434, PRO-RX435L, PRO-RX435R, PRO-RX436L1, PRO-RX436L2, PRO-RX436R1, PRO-RX436R2 and PRO-RX437

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

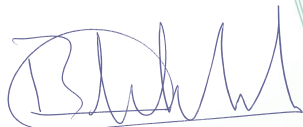
DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) EN 60570:2003, EN 60570:2003/A1:2018, EN 60570:2003/A2:2020, EN IEC 60598-1:2021 and EN IEC 60598-1:2021/A11:2022
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2193173

DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL





This certificate is issued on 28 August 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-125114 REV.1

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Track system
Trade name(s)	: POWERGEAR ®
Type(s)/model(s)	: PRO-0222, PRO-0402, PRO-0404, PRO-0406, PRO-0408, PRO-0410, PRO-0418SK, PRO-0420, PRO-0430, PRO-0431L, PRO-0431R, PRO-0432, PRO-0433, PRO-0433A, PRO-0434, PRO-0435L, PRO-0435R, PRO-0436L1, PRO-0436L2, PRO-0436R1, PRO-0436R2, PRO-0437, PRO-0439, PRO-0440, PRO-04400, PRO-0440S, PRO-0449, PRO-0490, PRO-04SK, PRO-2431L, PRO-2431R, PRO-2433, PRO-2433A, PRO-2434, PRO-2435L, PRO-2435R, PRO-2436L1, PRO-2436L2, PRO-2436R1, PRO-2436R2, PRO-2437, PRO-2439, PRO-2440, PRO-B5001, PRO-B5002, PRO-B5002M, PRO-B5011, PRO-B5012, PRO-B5222, PRO-C100, PRO-D431L, PRO-D431R, PRO-D434, PRO-D435L, PRO-D435R, PRO-D436L1, PRO-D436L2, PRO-D436R1, PRO-D436R2, PRO-D437, PRO-D439, PRO-D480, PRO-D5001, PRO-D5002, PRO-EZ0447, PRO-EZ0448, PRO-M142, PRO-M146T, PRO-M147, PRO-M148, PRO-M149, PRO-M435, PRO-M436L, PRO-M436R, PRO-M438, PRO-R402, PRO-R404, PRO-R406, PRO-R408, PRO-R410, PRO-R420, PRO-R430, PRO-R431, PRO-R434, PRO-R435, PRO-R436, PRO-R437, PRO-R4400, PRO-RX431L, PRO-RX431R, PRO-RX432, PRO-RX434, PRO-RX435L, PRO-RX435R, PRO-RX436L1, PRO-RX436L2, PRO-RX436R1, PRO-RX436R2 and PRO-RX437
Rated input voltage	: 220 - 250 V~
Rated frequency	: 50/60 Hz
Classification	: Class I
Degree of protection	: IP20
Ambient temperature (ta)	: 25 °C

Product data – type PRO-0222, PRO-0440, PRO-0440S, PRO-0490, PRO-2440, PRO-B5001, PRO-B5002, PRO-B5002M, PRO-B5011, PRO-B5012, PRO-B5222, PRO-D480, PRO-D5001 and PRO-D5002

Rated current : 10 A

Product data – type PRO-R402, PRO-R404, PRO-R406, PRO-R408, PRO-R410, PRO-R420, PRO-R430 and PRO-R4400

Rated current : (1-3) x 16 A

Product data – type PRO-0402, PRO-0404, PRO-0406, PRO-0408, PRO-0410, PRO-0420, PRO-0430, PRO-04400 and PRO-C100

Rated current : (1-3) x 16 A

Product data – type PRO-0433, PRO-0433A, PRO-0434, PRO-0435L, PRO-0435R, PRO-0436L1, PRO-0436L2, PRO-0436R1, PRO-0436R2, PRO-0437, PRO-0439, PRO-2433, PRO-2433A, PRO-2434, PRO-2435L, PRO-2435R, PRO-2436L1, PRO-2436L2, PRO-2436R1, PRO-2436R2, PRO-2437, PRO-2439, PRO-D434, PRO-D435L, PRO-D435R, PRO-D436L1, PRO-D436L2, PRO-D436R1, PRO-D436R2, PRO-D437, PRO-D439, PRO-M435, PRO-M436L, PRO-M436R, PRO-M438, PRO-RX434, PRO-RX435L, PRO-RX435R, PRO-RX436L1, PRO-RX436L2, PRO-RX436R1, PRO-RX436R2 and PRO-RX437

Rated current : (1-3) x 16 A

Product data – type PRO-0431L, PRO-0431R, PRO-2431L, PRO-2431R, PRO-D431L, PRO-D431R, PRO-RX431L and PRO-RX431R

Rated current : (1-3) x 16 A

TESTS

Test requirements

EN 60570:2003

EN 60570:2003/A1:2018

EN 60570:2003/A2:2020

EN IEC 60598-1:2021

EN IEC 60598-1:2021/A11:2022

Test result

The test results are laid down in DEKRA test file 439063700.

Additional information

This certificate replaces certificate No. 35-125114 which we hereby declare invalid.

The list of components is laid down in test report 4390637.50.

Conclusion

The examination proved that all requirements were met.

Factory location

Dong Guan Tian Sheng Optic-tronics Corp.

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