ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

America

C E R T I F I C A T E

No. U8V 097735 0003 Rev. 00

Holder of Certificate: **Technosoft S.A.**
Avenue des Alpes 20
2000 Neuchâtel
SWITZERLAND

Certification Mark:

Product: **Power Conversion Equipment (motor controller)**

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. It can be marked with the certification mark above. The mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited Certification body.

Test report no.: 028-713184543-000

Date, 2021-04-13

(Benedikt Pulver)

TÜV SÜD America Inc. • 10 Centennial Drive • Peabody • MA 01960 • USA

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

America

C E R T I F I C A T E

No. U8V 097735 0003 Rev. 00

Model(s): iPOS8010 BX-CAT, iPOS8010 BX-CAN
iPOS8020 BX-CAT, iPOS8020 BX-CAN

Tested according to: UL 61800-5-1:2012/R:2017-02
CSA C22.2 No. 274:2017

Parameters:

Model/Type reference:	iPOS8010 BX-CAT iPOS8010 BX-CAN	iPOS8020 BX-CAT iPOS8020 BX-CAN
Rated Voltage Logic :	12 – 36 V	12 – 36 V
Rated Voltage Motor:	12 – 60 V	12 – 60 V
Rated Frequency:	DC	DC
Nominal output current, continuous:	10 A	20 A
Motor output current, peak (maximum 2.5s):	20A	40 A

Condition of Acceptability:

When installing requirements of test standards and installation guide must be fulfilled.
This EUT is for use in non-hazardous locations, operated by qualified personnel skilled in its use.
The EUT shall be supplied with the specified rated voltages according to the user manual.
The connecting cables for the power supply must have a minimum cross-section of 24 AWG and must be able to handle a current of 20 A continuously.
The EUT is a single-phase equipment. The input fuse must be a certified overcurrent protection device according to the manual and the tested standards.
The disconnection device for the EUT is part of the end application and must fulfil the requirements of the manual and the tested standards.
The EUT fulfils the requirements of the tested standards only, if it is supplied with a source that has a prospective short-circuit current of at least 5000 A.
A lithium battery circuit shall comply with the requirements in the Standard for Lithium Batteries, UL 1642.

TÜV SÜD America Inc. • 10 Centennial Drive • Peabody • MA 01960 • USA