



DECLARATION OF CONFORMITY

Technosoft SA hereby declares that the following

PRODUCTS: *iPOS4850 BX-CAN-STO; iMOTIONCUBE MX-CAN-STO; iMOTIONCUBE MX-CAT-STO; iMOTIONCUBE BX-CAN-STO; iMOTIONCUBE BX-CAT-STO; iGVD71; iPOS8010 BX-CAN-STO; iPOS8010 BX-CAT-STO; iPOS8020 BX-CAN-STO and iPOS8020 BX-CAT-STO*

conforms to the **SIL3 / Cat3 / PLe** safety integrity level.

The STO concept implemented on the above products was approved and is meeting or exceeding the requirements of the following standards:

IEC 61800-5-1: 2007 + Amendment 1: 2016

Adjustable speed electrical power drive systems – Part 5.1: Safety requirements – Electrical, Thermal and Energy

IEC 61800-5-2: 2016

Adjustable speed electrical power drive systems – Part 5.1: Safety requirements – Functional

IEC 61508-1,2 & 3: 2010

Functional safety of electrical/electronic/programmable electronic safety-related systems

- Part 1: General requirements
- Part 2: Requirements for electrical/electronic/programmable electronic safety-related systems
- Part 3: Software requirements

IEC 62061: 2005 + Amendment 1: 2012 + Amendment 2: 2015 + Corrigendum 1: 2015

Functional safety of safety-related electrical, electronic and programmable electronic control systems

EN ISO 13849-1: 2015

Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design

The specified products conform to the directives and standards described above, and have been manufactured according to good engineering practice.

The products are in the process of STO certification.

The STO circuit on these models is the exact same circuit used on iPOS4808MY STO Card, certified by TÜV SÜD Product Service GmbH.

Technosoft S.A. holds the certificate no. **Z10 17 02 97735 002** for this model.

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TECHNOSOFT SA

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