



America

CERTIFICATE

No. U10 034065 0001 Rev. 00

Holder of Certificate: Phoenix Mecano Solutions AG

Hofwisenstrasse 6
8260 Stein am Rhein
SWITZERLAND

Certification Mark:



Product: Power Conversion Equipment
(Electric cylinder)

Tested according to: UL 61800-5-1:2012/R:2021-02
CSA C22.2 No. 274:2017

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. The certificate holder shall not transfer this certificate to third parties. 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, Certification, Validation and Verification Regulations (TCVVR)". For Canadian standards TÜV SÜD America Inc. is accredited by the Standards Council of Canada to ISO/IEC 17065.

Test report no.: 713296490

Date, 2024-10-29

(Hendrik Elze)



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Model(s): LD1000E, LD1000C, LC1000C

Brand Name(s): Phoenix Mecano

Parameters:

	LD1000E	LD1000C	LC1000C
Rated Voltage and Current	12 VDC, max. 23 A 24 VDC, max. 16 A	12 VDC, max. 23 A 24 VDC, max. 22 A 36 VDC, max. 17 A 48 VDC, max. 17 A	12 VDC, max. 25 A 24 VDC, max. 24 A 36 VDC, max. 17 A 48 VDC, max. 17 A

Conditions 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 EUT fulfils the requirements of the tested standards only, if it is supplied with a source that provides SELV.
- 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 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.
- Functional Safety is not part of the evaluation.

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