

EC Type-Examination Certificate



Reg.-No.: 01/205/6037.00/26

Product tested	Integrated Safety Unit for the realization of the Safety Function "Safe Torque Off" (STO) within the VLB Drive Series	Certificate holder	LOVATO ELECTRIC S.P.A. Via Don E. Mazza, 12 24020 Gorle (BG) Italy
-----------------------	---	---------------------------	---

Type designation	VLBXSM (Safety Module), VLB1.., VLB3.. (Power Unit), details see latest "Revision List".
-------------------------	--

Codes and standards	EN 61800-5-2:2007 EN 61800-5-2:2017 EN 61800-5-1:2007 + A1:2017 + A11:2021, 4.3, 5.2.6	EN ISO 13849-1:2015 EN ISO 13849-1:2023 EN 61508 Parts 1-7:2010
----------------------------	--	---

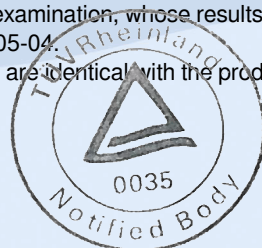
Intended application	The safety function STO complies with the requirements of the relevant standards (Cat. 4 / PL e according to EN ISO 13849-1, SIL 3 according to EN 61800-5-2 / EN 61508) and can be used in applications up to PL e and SIL 3. Furthermore, the product is suitable for use in applications up to SIL 3 according to EN IEC 62061:2021.
-----------------------------	---

Specific requirements	The instructions of the associated Installation and Operating Manual shall be considered.
------------------------------	---

It is confirmed that the product under test complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2029-06-06

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2925.00/26 dated 2026-05-04.
This certificate is valid only for products which are identical with the product tested.



Köln, 2026-05-21

Notified Body for Machinery, NB 0035

Sabine Wiegand

Dipl.-Ing. (FH) Sabine Wiegand