

EC Type-Examination Certificate



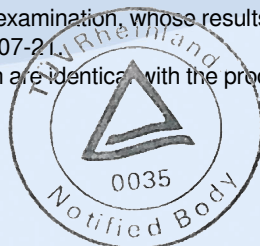
Functional
Safety

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Reg.-No.: 01/205/5915.00/23

Product tested	“Safe Torque Off” (STO) function within EB3000 drive series	Certificate holder	Delta Electronics, Inc. 18 Xinglong Road Taoyuan District Taoyuan City 330477 Taiwan, R.O.C.
Type designation	EB3000 drive series Details see actual “Revision List”		
Codes and standards	EN 61800-5-2:2007 EN 61800-5-2:2017 IEC 61800-5-2:2016 EN 61800-5-1:2007 + A1:2017 + A11:2021 IEC 61800-5-1:2022	EN IEC 61800-3:2018 IEC 61800-3:2017 EN ISO 13849-1:2015 EN 61508 Parts 1-7:2010 IEC 61508 Parts 1-7:2010	
Intended application	The safety function STO complies with the requirements of the relevant standards Cat. 3 / PL e according to EN ISO 13849-1, SIL 3 according to EN 61800-5-2 / IEC 61508 when using diagnostics by the embedded software of the drive MCU and additional consistency check of the STO monitoring feed-back signal with the STO signals by a safety PLC; Cat. 3 / PL d according to EN ISO 13849-1, SIL 2 according to EN 61800-5-2 / IEC 61508 when using diagnostics by the embedded software of the drive MCU only It can be used in applications up to these levels. The product can be used in the application area of EN IEC 62061:2021 and EN 60204-1:2018 clause 9.2.2 Stop Category 0.		
Specific requirements	The instructions of the associated User 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 2028-07-24			

The issue of this certificate is based upon an examination, whose results are documented in
Report No. 968/FSP 2486.00/23 dated 2023-07-21.
This certificate is valid only for products which are identical with the product tested.



Köln, 2023-07-24

Notified Body for Machinery, NB 0035

Sabine Wiegand

Dipl.-Ing. (FH) Sabine Wiegand