

# EC Type-Examination Certificate



Product Safety  
Functional  
Safety

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ID 060000000

**Reg.-No.: 01/205/5628.00/17**

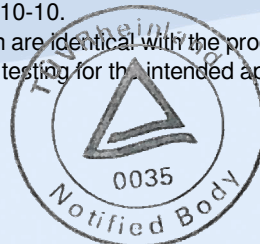
<b>Product tested</b>	Safety function STO on control board within COMBIVERT F5 inverters	<b>Certificate holder</b>	Bharat Bijlee Ltd. No. 2, MIDC Thane Belapur Road Airoli Navi Mumbai 400708 India
<b>Type designation</b>	Control boards 1K.F5.030-0009, 2K.F5.030-0008 used in inverters: xxF5Kxx-Gxxx, xxF5Kxx-Hxxx, xxF5Kxx-lxxx, xxF5Kxx-Jxxx, xxF5Kxx-Qxxx,xxF5Kxx-Uxxx, xxF5Lxx-Gxxx, xxF5Lxx-Hxxx, xxF5Lxx-lxxx, xxF5Lxx-Jxxx, xxF5Lxx-Qxxx,xxF5Lxx-Uxxx, xxF5Pxx-Gxxx, xxF5Pxx-Hxxx, xxF5Pxx-lxxx, xxF5Pxx-Jxxx, xxF5Pxx-Qxxx,xxF5Pxx-Uxxx		
<b>Codes and standards</b>	EN 61800-5-2:2007 EN 61800-5-1:2007 (in extracts) EN 61800-3:2004 + A1:2012 EN 62061:2005 + AC:2010 + A1:2013 + A2:2015	EN ISO 13849-1:2015 EN 60204-1:2006 + A1:2009 + AC:2010 (in extracts) EN 61508 Parts 1-7:2010 EN 50178:1997	
<b>Intended application</b>	The safety function "Safe Torque Off" (STO) complies with the requirements of the relevant standards (Cat. 4 / PL e acc. to EN ISO 13849-1, SIL CL 3 acc. to EN 61800-5-2 / EN 62061 / IEC 61508) and can be used in applications up to Cat. 4 / PL e and SIL 3.		
<b>Specific requirements</b>	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 2021-06-27

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1514.00/17 dated 2017-10-10.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.



Berlin, 2017-10-10

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno