

# EC Type-Examination Certificate



Functional  
Safety  
Type  
Approved

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ID 060000000

**Reg.-No.: 01/205/5415.00/14**

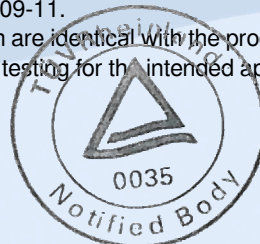
<b>Product tested</b>	Safety Functions STO, SOS, SBC, SS1, SS2, SLS, SSM, SDI within the E-Darc C Drive Family	<b>Certificate holder</b>	Ferrocontrol Steuerungssysteme GmbH & Co. KG Bodenschwinghstr. 20 32049 Herford Germany
<b>Type designation</b>	E-Darc C04, E-Darc C08, E-Darc C16, E-Darc C32		
<b>Codes and standards</b>	EN 61800-5-2:2007 EN 61800-5-1:2007 EN 61800-3:2004 + A1:2012	EN 62061:2005 + AC:2010 + A1:2013 EN ISO 13849-1:2008 + AC:2009 IEC 61508 Parts 1-7:2010	
<b>Intended application</b>	The safety functions STO, SBC, SS1 (time monitored) fulfil the requirements of SIL 3 acc. to EN 61800-5-2, EN 62061 and IEC 61508 as well as Cat. 3 and PL e acc. to EN ISO 13849-1. The safety functions SS2, SOS, SLS, SDI, SSM, SS1 with SBR (ramp monitored) fulfil the requirements of SIL 2 acc. to EN 61800-5-2, EN 62061 and IEC 61508 as well as Cat. 3 and PL d acc. to EN ISO 13849-1.		
<b>Specific requirements</b>	The instructions of the associated Installation and Operating Manual shall be considered. The device and module variants are listed in the Annex to this certificate.		

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 2019-09-11

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1012.00/14 dated 2014-09-11.

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, 2014-09-11

Certification Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno