

# EC Type-Examination Certificate



Functional  
Safety

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ID 060000000

**Reg.-No.: 01/205/5496.00/16**

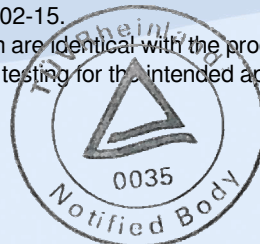
<b>Product tested</b>	Safety function "Safe Torque Off" (STO) within the DC-Drive DCS880 series	<b>Certificate holder</b>	ABB Automation Products GmbH Wallstadter Straße 59 68526 Ladenburg Germany
<b>Type designation</b>	DCS880-X-Y-ZWU  X = S01, S02 Y = 0020, 0025, 0045, 0050, 0065, 0075, 0090, 0100, 0135, 0150, 0180, 0200, 0225, 0250, 0270, 0290, 0300, 0315, 0320, 0350, 0405, 0450, 0470, 0520, 0590, 0610, 0650, 0680, 0740, 0820, 0900, 1000, 1190 Z = 04, 05, 06 W = X U = 0		
<b>Codes and standards</b>	EN 61800-5-2:2007 EN 61800-5-1:2007 (in extracts) EN 61800-3:2004 + A1:2012 (in extracts) ISO 13849-1:2015	IEC 62061:2015 EN 60204-1:2006 + A1:2009 + AC:2010 (in extracts) IEC 61508 Parts 1-7:2010	
<b>Intended application</b>	Safety function "Safe Torque Off (STO)" (Stop Category 0) for future integrations into other systems or products for industrial machinery applications. In combination with a suitable external safety relay module, the safety function complies with the requirements of the relevant standards (SIL 3 / SIL CL 3 of EN 61800-5-2 / EN 62061 / IEC 61508 and PL e / Category 3 of EN ISO 13849-1) and can be used in applications up to SIL 3 according to EN 62061 / IEC 61508 and PL e according to EN ISO 13849-1.		
<b>Specific requirements</b>	An external safety module (e.g. Safety PLC, Safety Relay Module), which meets at least SIL 3 / SIL CL 3 according to EN 62061 / IEC 61508 and PL e / Category 3 according to EN ISO 13849-1, has to be applied in accordance with the Installation and Operating Manual. All further instructions of the associated Installation and Operating Manual must be considered. Details see 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 2021-02-15

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1231.00/16 dated 2016-02-15.

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, 2016-02-15

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno

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