



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEX Scheme visit www.iecex.com

Certificate No.:	IECEX PTB 06.0009	Issue No.:1	Certificate history: Issue No. 1 (2008-6-12) Issue No. 0 (2006-2-20)
Status:	Current		
Date of Issue:	2008-06-12	Page 1 of 4	
Applicant:	ATB Motorentechnik GmbH Helgoländer Damm 75 26945 Nordenham Germany		
Electrical Apparatus: Optional accessory:	Three-phase motor type CD 80, CD 90, CD 100, CD112 CD 132, CD 160, CD 225, CD 250, CD 280, CD 315		
Type of Protection:	Flameproof Enclosure "d"		
Marking:	Ex d IIC T3 - T6 resp. Ex de IIC T3 - T6 Tamb -55 °C to +60 °C		
Approved for issue on behalf of the IECEX Certification Body:	Dr. Ing. Uwe Klausmeyer		
Position:	Head of Section "Flameproof Enclosures"		
Signature: (for printed version)	_____		
Date:	_____		
<p>1. This certificate and schedule may only be reproduced in full. 2. This certificate is not transferable and remains the property of the issuing body. 3. The Status and authenticity of this certificate may be verified by visiting the Official IECEX Website.</p>			

Certificate issued by:

Physikalisch-Technische Bundesanstalt (PTB)
Bundesallee 100
38116 Braunschweig
Germany



IECEX Certificate of Conformity

Certificate No.:	IECEX PTB 06.0009	
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		Page 2 of 4
Manufacturer:	ATB Motorentechnik GmbH Helgoländer Damm 75 26945 Nordenham Germany	
Additional Manufacturing location (s):		
<p>This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended.</p>		
STANDARDS:		
The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:		
IEC 60079-0 : 2000 Edition: 3.1	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements	
IEC 60079-1 : 2001 Edition: 4	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'	
IEC 60079-7 : 2001 Edition: 3	Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety 'e'	
<p><i>This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.</i></p>		
TEST & ASSESSMENT REPORTS:		
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in		
<u>Test Report:</u> DE/PTB/EXTR06.0044/00	DE/PTB/EXTR08.0027/00	
<u>Quality Assessment Report:</u>		

DE/TUN/QAR06.0001/00



IECEx Certificate of Conformity

Certificate No.: IECEx PTB 06.0009

Date of Issue: 2008-06-12

Issue No.: 1

Page 3 of 4

Schedule

EQUIPMENT:*Equipment and systems covered by this certificate are as follows:*

see annex

CONDITIONS OF CERTIFICATION: NO

IECEx Certificate of Conformity

Certificate No.: IECEx PTB 06.0009

Date of Issue: 2008-06-12

Issue No.: 1

Page 4 of 4

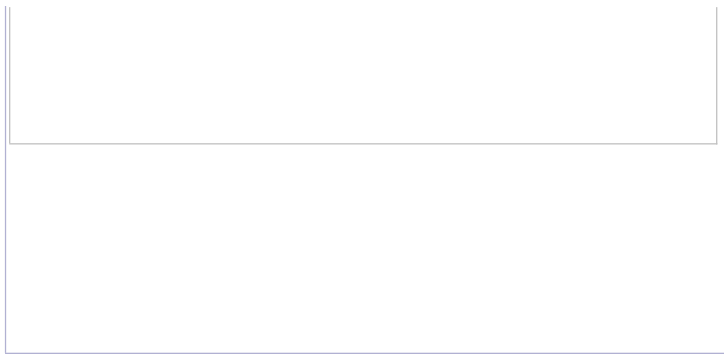
DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

The motor type seriec CCD 160-... will be added to the certificate. Details are shown in the annex.

Electrical data

The motors of type series CCD 160-... are designed for ratings within the following limits:

Voltage:	1100 V
Current:	63 A
Power:	26 kW
Speed (main):	3600 min ⁻¹
Speed (converter):	9000 min ⁻¹
Frequency (main):	max. 60 Hz
Frequency (converter):	1 - 150 Hz



Annexe: [IECEX PTB 06.009.pdf](#), Anhang zum IEC Ex Zertifikat.pdf