

STANDARDS	EN 61000-6-1 : 2002
	EN 61000-6-2 : 2002
	EN 61000-6-3 : 2002
	EN 610006-4 : 2002
	EN 50178 : 1997

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. ETS 17100-07 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.	07/20019
Issue Date	30 May 2007
Expiry Date	08 November 2009
Sheet	2 of 2

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Marine Design Appraisal Document

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Date
30 May 2007
Quote this reference on all future communications
HPC 0720084/17100-07/JK/WR

**THE LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2002
ISSUED TO: ABB STOTZ-KONTAKT GMBH, HORNBERG
FOR: MULTIFUNCTION DISPLAY CL-...
TYPE APPROVAL CERTIFICATE NO. 07/20019**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register's Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Form LR 6606	Approval Services Request for Quotation	21.03.2007
HEC 11677-04	Design Appraisal Document for Certificate 04/20051	09.11.2004
2CD110004 C0204	ABB Catalogue pages 357 to 381	---

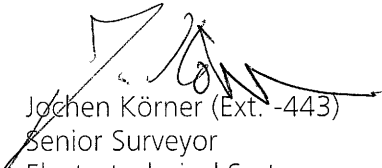
Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the LR Type Approval System Procedure.


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FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

Lloyd's Register EMEA
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Part 3
Control Systems

Producer/Licence No.	Item Description	Technical Details	Category/Additional Tests	Remarks	Cert. No.
ABB Stotz-Kontakt GmbH Hauptstrasse 14-16 78132 Hornberg Germany	Multifunction Display Types: CL-LDD.XK CL-LDD.K CL-LDC.LDC2 CL-LDC.LNDC2 CL-LDR.J6DC2 CL-LDT.16DC2 CL-LDR.17DC2 CL-LDT.17DC2	Display unit without keypad Display unit with keypad Power supply unit CPU Power supply unit CPU Digital input/output unit Digital input/output unit Digital input/output unit Digital input/output unit Supply voltage 24V DC	ENV1, ENV2, ENV3 (2002)	Expires: 08 November 2009	07/20019

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so.s.c.f.