



Certificate of Type Approval (RQS)

This is to certify that ABB Oy, Drives
has met the requirements of ABS Product Type Approval for
Frequency Converter
Model Name(s): ACS800-01 +C132 and ACS800-U1 +C132

Presented to:

ABB Oy, Drives
P.O. Box 184
Hiomotie 13
Helsinki
FIN-00381
Finland

Intended Service:

Electrical drives for Ships and Offshore Units

Description:

The ACS800-01 +C132 drives are suitable for controlling the speed and torque of induction motors up to 110 kW. The ACS800-U1 +C132 version is similar, except that a cable gland box suitable for use with U.S. standard cables is placed on the lower part of the unit for power cables. They are suitable for wall-mounting and are either in IP 21 or IP 55 enclosures

Ratings:

Nominal 3-phase supply voltage: range 208-690 V For full ratings, refer to attachment ACS800-01 +C132 ratings table at 45 degrees ambient temperature to the PDA certificate.

Service Restrictions:

Unit Certification is not required for this product.

Comments:

For marine applications vibration dampers are to be used as specified by manufacturer.

Notes / Documentation:

Review documents: List of Type Tests ACS800-01, Code 0030 0318.Doc dated 29 January 2004, and associated Test Reports.

Term of Validity:

This product/model is covered under Product Design Assessment (PDA) Certificate # 04-LD417612-PDA, dated 05/Feb/2004. This PDA Certificate expires Feb of 2009. It will remain valid for the 5 years from date of issue or until the Rules or specifications used in the assessment are revised (whichever occurs first).

ABS Rules:

2004 Steel Vessel Rules 4-8-3/7.5, and 4-9-7/Table 9 and Table 10

National Standards:

International Standards:

IEC60092, IEC61000, IEC60068, IEC60947, IEC60529, IEC60533, IEC61800
(relevant sections)

Government Authority:

EUMED:

Others:

Manager, ABS Programs

ABS has used due diligence in the preparation of this certificate and it represents the information on the product in the ABS Records as of the date and time the certificate was printed. Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. Limited circumstances may allow only Prototype Testing to satisfy Type Approval. The approvals of Drawings and Products remain valid as long as the ABS Rule, to which they were assessed, remains valid. ABS cautions manufacturers to review and maintain compliance with all other specifications to which the product may have been assessed. Further, unless it is specifically indicated in the description of the product; Type Approval does not necessarily waive witnessed inspection or survey procedures (where otherwise required) for products to be used in a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS. Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.