



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER

ABB Oy Drives
Hiomotie 13
FI-00380 Helsinki
Finland

DESCRIPTION

Air-cooled cabinet-built ACS880 single drives and ACS880 multidrives

TYPE

ACS880-x07 /1607-yyyyA-3/5/7+ C132
x = 1, 2, 3, 6
yyyy = current value

ACS880-107-0140A to 5130A-3
ACS880-107-0110A to 4610A-5
ACS880-107-007A3 to 5700A-7
Units for cabinet-built multidrives:
ACS880-107; 380V-690V; 5kW to 5320kW;
Frame sizes R5i to 10xR8i

ACS880-207-0420A to 4620A-3
ACS880-207-0400A to 4150A-5
ACS880-207-0310A to 5130A-7
Units for cabinet-built multidrives:
ACS880-207; 380V-690V; 289kVA to 5824kVA;
Frame sizes R8i to 10xR8i + BLCL to 5xBLCL-XX-X

Certificate No.

16/20109

Issue Date

22 December 2016

Expiry Date

21 December 2021

Sheet

1 of 4

<p>Thorsten Wolff Hamburg Technical Support Office</p>  <p>Lloyd's Register EMEA</p>	 <p>Lloyd's Register</p>
---	---

LR0311.1.2013.12

Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

Lloyd's Register EMEA
Is a subsidiary of Lloyd's Register Group



TYPE (continued)

ACS880-307-0650A to 5470A-3
ACS880-307-0650A to 5470A-5
ACS880-307-0570A to 4560A-7
Units for cabinet-built multidrives:
ACS880-307; 380V-690V; 430kVA to 5173kVA;
Frame sizes 2xD7T, D8T to 6xD8T

ACS880-607-0320A to 3770A-3
ACS880-607-0400A to 4710A-5
ACS880-607-0400A to 6500A-7
Units for cabinet-built multidrives:
ACS880-607 (NBRA -types, 1-phase); 380V-690V; 91kW to 678kW;
Frame sizes NBRA659 to 6xNBRA669
ACS880-607 (nx R8i -types, 3-phases); 380V-690V; 480kW to 6180kW;
Frame sizes R8i to 5xR8i

ACS880-1607-0600A to 4500A-3
ACS880-1607-0600A to 4500A-5
ACS880-1607-0400A to 3000A-7
Units for cabinet-built multidrives:
ACS880-1607; 380V-690V; 290kW to 2721kW;
Frame sizes R8i to 5xR8i (DC output)

ACS880-x7 / multidrive -yyyyA-3/5/7+ C132
x=0, 1, 3
y=current value

ACS880-07-0105A to 2610A-3
ACS880-07-0096A to 1980A-5
ACS880-07-0061A to 2860A-7
Cabinet-built single drives:
ACS880-07; 380V-690V; 52kW to 2660kW;
Frame sizes R6 to R11, 2xD7T, D8T to 4xD8T + 2 to 5xR8i

Certificate No. 16/20109
Issue Date 22 December 2016
Expiry Date 21 December 2021
Sheet 2 of 4

Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA
LR031.1.2013.12



Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

Lloyd's Register EMEA
Is a subsidiary of Lloyd's Register Group



TYPE (continued)

ACS880-17-0293A to 2530A-3
ACS880-17-0260A to 2270A-5
ACS880-17-0210A to 3310A-7
Cabinet-built single drives:
ACS880-17; 380V-690V; 152kW to 3040kW;
Frame sizes R11, R8i to 6xR8i + R8i to 5xR8i

ACS880-37-0293A to 2530A-3
ACS880-37-0260A to 2270A-5
ACS880-37-0210A to 3310A-7
Cabinet-built single drives:
ACS880-37; 380V-690V; 152kW to 3040kW;
Frame sizes R11, R8i to 6xR8i + R8i to 5xR8i

ACS880 multidrives-0140A to 5130A-3
ACS880 multidrives-0110A to 4610A-5
ACS880 multidrives-007A3 to 5700A-7
Cabinet-built multidrives:
ACS880- multidrives; 380V-690V; 5kW to 5320kW;
Frame sizes R5i to 10xR8i (3 -phase AC output)

APPLICATION

Marine, offshore and industrial applications for use in environmental categories ENV1 and ENV2 as defined in Lloyd's Register Type Approval System, Test Specification Number 1 July 2015. For installation in "General Power Distribution Zones".

STANDARD

Manufactures specification:
ACS880-X7/MD/LC Test Specification [1]
IEC 61800-5-1: 2007
IEC 60204-1: 2006

RATINGS

Voltage classes: 3 (380 to 415V)
5 (380 to 500V)
7 (525 to 690V)

Certificate No.

16/20109

Issue Date

22 December 2016

Expiry Date

21 December 2021

Sheet

3 of 4

Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA



Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

Lloyd's Register EMEA
Is a subsidiary of Lloyd's Register Group



RATINGS (continued) Power range: 5 kW to 6180 kW
Enclosure notation: IP 22 / (IP 42; IP 54)

OTHER CONDITIONS Ambient temperature: +45°C,
Derating -5% at +50°C

PLACE OF PRODUCTION ABB Oy Drives
P.O.Box 184 FI00381 Helsinki Finland
Street address:
Hiomotie 13
FI-00380 Helsinki
Finland

ABB AS
Aruküla tee 83
75301 Jüri
Harjumaa
Estonia

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

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

The Design Appraisal Document No. HTS/ETS 34577-16 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 16/20109
Issue Date 22 December 2016
Expiry Date 21 December 2021
Sheet 4 of 4

Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA

LR031.1.2013.12



Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

Lloyd's Register EMEA
Is a subsidiary of Lloyd's Register Group