

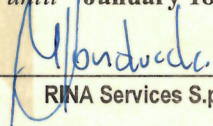


**TYPE APPROVAL CERTIFICATE**  
**No. ELE109821XP/002**

**This is to certify** that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

|                             |                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <i>Description</i>          | <b>Variable speed drives for A.C motors</b>                                                                                   |
| <i>Type</i>                 | <b>ACS880-04, 14, 34 Series</b>                                                                                               |
| <i>Applicant</i>            | <b>ABB OY - MANAGEMENT AND PROJECTS<br/>HIOMOTIE 13 HELSINKI<br/>FINLAND</b>                                                  |
| <i>Manufacturer</i>         | <b>ABB OY - MANAGEMENT AND PROJECTS</b>                                                                                       |
| <i>Place of manufacture</i> | <b>HIOMOTIE 13 HELSINKI<br/>FINLAND</b>                                                                                       |
| <i>Reference standards</i>  | <b>Rules for the classification of ships.- Part C - Machinery, systems<br/>and fire protection. - Ch.3, Sect. 6, Table 1.</b> |

Issued in Gdansk on **January 19, 2022**. This Certificate is valid until **January 18, 2027**

  
RINA Services S.p.A.

This certificate consists of this page and 1 enclosure



## TYPE APPROVAL CERTIFICATE

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ACS880-04, 14, 34 Series

### Product description:

The ACS880-04, 14, 34 series are wall mounted or cabinet-built frequency drives for normal, light or heavy loads.

#### **Type: ACS880-04**

-505A-3, -585A-3, -650A-3, -725A-3, -820A-3, 880A-3

Voltage: 400V AC

Power range: 250 to 450kW

#### **Type: ACS880-04**

-460A-5, -503A-5, -583A-5, -635A-5, -715A-5, -8230A-5, -880A-5

Voltage: 500V AC

Power range: 250 to 560kW

#### **Type: ACS880-04**

-330A-7, -370A-7, -430A-7, -470A-7, -522A-7, -590A-7, -650A-7, -721A-7

Voltage: 690V AC

Power range: 250 to 630kW

#### **Type ACS880-14/34**

-246A-3, -293A-3, -363A-3, -442A-3, -505A-3, -585A-3, -650A-3

Voltage: 400V AC

Power range: 132 to 355kW

#### **Type ACS880-14/34**

-240A-5, -260A-5, -302A-5, -361A-5, -414A-5, -460A-5, -503A-5

Voltage: 500V AC

Power range: 132 to 355kW

#### **Type ACS880-14/34**

-142A-7, -174A-7, -210A-7, -271A-7, -330A-7, -370A-7, -430A-7

Voltage: 690V AC

Power range: 142 to 375kW

#### **Type ACS880-14 +X5663**

-413A-5

Voltage: 500V AC

Power range: 250

#### **Main data:**

Degree of protection: IP20

ACS880-14 - regenerative drive module

ACS880-34- low harmonic drive module



## TYPE APPROVAL CERTIFICATE

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ACS880-04, 14, 34 Series

### Documents:

-Industrial Catalogue: 3AUA0000115038  
- Drive hardware manuals and guides:  
3AUA0000128301, 3AXD50000010521  
-Drive firmware manuals and guides:  
3AUA0000085967, 3AUA0000098062

### Test reports:

#### ABB:

3AXD10000089324, 3AXD10000106522, 3AXD10000241834, 3AXD10000242533, 3AXD10000248380,  
3AXD10000249678, 3AXD10000281074, 3AXD10000287077, 3AXD10000309964, 3AXD10000331826,  
3AXD10000351614, 3AXD10000351619, 3AXD10000352832, 3AXD10000352833, 3AXD10000406963,  
3AXD10000413217, 3AXD10000352127, 3AXD10000347322.

#### NEMKO:

224724 TRF EMC 3AXD10000097342, 243333-1 R10 TRF EMC 3AXD10000262979  
252375 TRF EMC 3AXD10000315812

#### INNVENTIA:

273767 A 3AXD10000311718

#### SGS:

275993-1 TRF EMC 3AXD10000318980, 275996 TRF EMC 3AXD10000318978  
276592-1 TR EMC IEC61800-3 3AXD10000369955, 276592-2 TR EMC IEC60533 3AXD10000369956  
272110-1 3AXD10000243890, Test Report 273473-1 3AXD10000284796

#### SGS Fimko:

277447-1 R10 ABB ACS 880 690V TRF 3AXD10000403998  
277447-2 R11 ABB ACS 880 690V TRF 3AXD10000403998  
STRL2560 HEL-CERT210500523-01 dated 26-05-2021

#### VTT:

VTT-S-01320-13 3AXD10000116165, VTT-S-03275-13 3AXD10000235075, VTT-S-06084-12 3AXD10000095239

### Remarks:

- Installation and use to be in accordance with the manufacturer instructions.
- The catalogue ratings apply at an ambient temperature of 45°C, required derating to be applied.
- The equipment fulfill the EMC requirements for installation in power distribution zone.
- This certificate annuls and replaces the previous one ELE015920XP.

**Gdansk January 19, 2022**

