



## Declaration of Conformity

(According to LVD 73/23/EEC as amended by 93/68)

Manufacturer : ABB Industry Oy

Address : Hiomotie 13, P.O Box 184, FIN-00381 Helsinki, Finland.

herewith declares under our sole responsibility that the product :

Frequency converter ACS 600 series with power range from 3 kW to 630 kW and type marking ACx 601, ACx 604, ACx 607, ACx624 and ACx627, where ACx can be ACS, ACP or ACC

to which this declaration relates, is in conformity with the requirements of the Low Voltage Directive, LVD 73/23/EEC including amendment 93/68/EEC

the following European standards have been applied :

EN 60204-1 (1992) + corr. (1993), except as specified in Annex I

*(Safety of machinery - Electrical equipment of machines  
Part 1: General requirements)*

the technical documentation as described on Technical Construction File of ACS 600, to which this declaration relates has been assessed and the Statement of Conformity with reference number FI/STC-LVD 332 has been written by the Competent body FIMKO Ltd.

**The CE-marking was affixed in : 95**

Instructions for installation, operation and maintenance are according to ACS/ACC/ACP 601 Hardware Manual 3AFY61201360, ACS 604/607/627 Hardware Manual 3AFY61201394, Firmware Manual Standard Application Program 5.x 3AFY61201441, ACS/ACC Frequency Converters 315 to 630 kW Supplement 3AFY61326014, ACS/ACC 624 Supplement 3AFY64186477, Firmware Manual Motion Control Application Program 3AFY61320130, Firmware Manual Crane Application Program 3BSE011179.

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Veli-Matti Reinikkala

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Annex I is a part of this declaration



Annex I of the Declaration of Conformity LVD 73/23/EEC as amended by 93/68

**Deviations to EN 60204-1 :**

- 4.4.2 The output current of some ACS 600-series types having enclosure class IP54, has to be derated at higher ambient temperatures. The derating curves are presented in ACS 600 Technical Catalogue, Appendix B – Technical Data or in tables 1.4, 1.6 and 1.7 of enclosed ACS 600 Technical Data-file.
- 4.4.5 Enclosure classes are IP00-IP54. Specified in annex B
- 5.3.1 ACx 601 and ACx 604 do not have the supply disconnecting device. These devices are part of the machine.
- 6.2.1 ACx 604 has enclosure class IP00. This is installed to separate casing by purchaser.  
External du/dt-Filters NOCHxxxx-60 have enclosure class IP00. They are installed to separate casing by purchaser.  
*Notice:* External du/dt-Filters NOCHxxxx-62 have enclosure class IP22.  
External du/dt-Filters NOCHxxxx-65 have enclosure class IP54.
- 6.2.3 In the device there is a warning text, concerning residual voltage and safe opening moment of the door.
- 10.7.1 ACS 607, ACP 607 and ACF 607 can be equipped with an emergency-stop device. In the other device there is no option to an emergency-stop device. The final assembler of the machine is responsible for installing an emergency-stop device.
- 13.3 Enclosure classes are IP00-IP54. Specified in annex B
- 20.6 EMC immunity for ACS 600-series has been tested according to EN 61800-3 requirements.