



Declaration of Incorporation

(According to Machinery Directive 98/37/EC art. 4.2 and Annex II, Sub B)

Manufacturer : ABB Industry Oy

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

herewith declares 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, ACx 624 and ACx 627, where ACx can be ACS, ACP or ACC

is intended to be incorporated into machinery to constitute machinery covered by the EEC directive 98/37/EC as amended;

does therefore not in every respect comply with the provisions of this directive;

and that the following harmonised European standard has 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

and that the following clauses of technical standards and specifications have been used:

EN 60529: 1991 (IEC529), IEC 664-1: 1992

and furthermore declares that

it is not allowed to put the equipment into service until the machinery into which it is to be incorporated or of which it is to be a component has been found and declared to be in conformity with the provisions of the Directive 98/37/EEC and with national implementing legislation, i.e. as a whole, including the equipment referred to in this Declaration.

Helsinki/2000-04-28

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Annex I is a part of this declaration

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MRP code : 3 AFE 6401 0581 rev C



Annex I Declaration of Incorporation according to MD 89/392/EEC art. 4.2 and Annex II, Sub B

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.
- 5.3.1 ACx 601 and ACx 604 do not have the supply disconnecting device. These devices are part of the machine.
- 6.1 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 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.
- 6.2.1 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.
- 9.2.5.4 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.
- 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.
- 20.6 EMC immunity for ACS 600-series has been tested according to EN 61800-3 requirements.