

# EC DECLARATION OF CONFORMITY



## The EC Electromagnetic Compatibility Directive (2004/108/EC)

CE Mark Directive (93/68/EEC)

We, **Manufacturer:**  
Lenze AC Tech Corporation  
630 Douglas Street  
Uxbridge, MA 01569  
U.S.A.

**Authorized Representative:**  
Lenze Drive Systems GmbH  
Postfach 10 13 52  
D-31763 Hameln  
Germany

declare that the described "CE-typical drive system" with the controllers listed below complies with the above EC Directive, provided that installations are carried out in accordance with manufacturer's instructions. The EMC can only be verified when the controller is integrated into a drive system.

### Products related to declaration:

#### SMV Frequency Inverter Model Numbers:

ESV251--1SX <sub>B</sub>	ESV112--2TX <sub>B</sub>	ESV113--4TX <sub>B</sub>	ESV552--4TF <sub>_</sub>	ESV752--6TX <sub>B</sub>	ESVZXX1
ESV371--1SX <sub>B</sub>	ESV152--2TX <sub>B</sub>	ESV153--4TX <sub>B</sub>	ESV752--4TF*	ESV113--6TX <sub>B</sub>	ESVZARO
ESV751--1SX <sub>B</sub>	ESV222--2TX <sub>B</sub>	ESV183--4TX <sub>B</sub>	ESV113--4TF*	ESV153--6TX <sub>B</sub>	ESVZACO
ESV112--1SX <sub>B</sub>	ESV402--2TX <sub>B</sub>	ESV223--4TX <sub>B</sub>	ESV153--4TF*	ESV183--6TX <sub>B</sub>	ESVZADO
ESV371--1SX <sub>_</sub>	ESV552--2TX <sub>B</sub>	ESV303--4TX <sub>B</sub>	ESV183--4TF*	ESV223--6TX <sub>B</sub>	
ESV751--1SX <sub>_</sub>	ESV752--2TX <sub>B</sub>	ESV373--4TX <sub>B</sub>	ESV223--4TF*	ESV303--6TX <sub>B</sub>	
ESV112--1SX <sub>_</sub>	ESV113--2TX <sub>B</sub>	ESV453--4TX <sub>B</sub>	ESV113--4TF <sub>X</sub>	ESV373--6TX <sub>B</sub>	EZXDB3712A1
	ESV153--2TX <sub>B</sub>		ESV153--4TF <sub>X</sub>	ESV453--6TX <sub>B</sub>	EZXDB1122A1
ESV251--2SX <sub>B</sub>	ESV113--2TX <sub>F</sub>	ESV371--4TX <sub>_</sub>	ESV183--4TF <sub>X</sub>		EZXDB2222A1
ESV371--2SF <sub>_</sub>	ESV153--2TX <sub>F</sub>	ESV751--4TX <sub>_</sub>	ESV223--4TF <sub>X</sub>	ESV113--6TMD	EZXDB4022A1
ESV751--2SF <sub>_</sub>	ESV113--2TMD	ESV112--4TX <sub>_</sub>	ESV113--4TLD	ESV153--6TMD	EZXDB5522A1
ESV112--2SF <sub>_</sub>	ESV153--2TMD	ESV152--4TX <sub>_</sub>	ESV153--4TLD	ESV183--6TMD	EZXDB7522A1
ESV152--2SF <sub>_</sub>	ESV402--2TX <sub>_</sub>	ESV222--4TX <sub>_</sub>	ESV183--4TLD	ESV223--6TMD	EZXDB3714A1
ESV222--2SF <sub>_</sub>	ESV552--2TX*	ESV402--4TX <sub>_</sub>	ESV223--4TLD		EZXDB1124A1
ESV371--2YX <sub>B</sub>	ESV752--2TX*	ESV552--4TX <sub>_</sub>	ESV113--4TMD	ESV113--6TX <sub>F</sub>	EZXDB2224A1
ESV751--2YX <sub>B</sub>		ESV752--4TX*	ESV153--4TMD	ESV153--6TX <sub>F</sub>	EZXDB4024A1
ESV112--2YX <sub>B</sub>	ESV371--4TX <sub>B</sub>		ESV183--4TMD	ESV183--6TX <sub>F</sub>	EZXDB5524A1
ESV152--2YX <sub>B</sub>	ESV751--4TX <sub>B</sub>	ESV371--4TF <sub>_</sub>	ESV223--4TMD	ESV223--6TX <sub>F</sub>	EZXDB7524A1
ESV222--2YX <sub>B</sub>	ESV112--4TX <sub>B</sub>	ESV751--4TF <sub>_</sub>		ESV751--6TX <sub>_</sub>	
ESV371--2YX <sub>_</sub>	ESV152--4TX <sub>B</sub>	ESV112--4TF <sub>_</sub>	ESV751--6TX <sub>B</sub>	ESV152--6TX <sub>_</sub>	EZXDB1126A1
ESV751--2YX <sub>_</sub>	ESV222--4TX <sub>B</sub>	ESV152--4TF <sub>_</sub>	ESV152--6TX <sub>B</sub>	ESV222--6TX <sub>_</sub>	EZXDB2226A1
ESV112--2YX <sub>_</sub>	ESV402--4TX <sub>B</sub>	ESV222--4TF <sub>_</sub>	ESV222--6TX <sub>B</sub>	ESV402--6TX <sub>_</sub>	EZXDB4026A1
ESV152--2YX <sub>_</sub>	ESV552--4TX <sub>B</sub>	ESV302--4TF <sub>_</sub>	ESV402--6TX <sub>B</sub>	ESV552--6TX <sub>_</sub>	EZXDB5526A1
ESV222--2YX <sub>_</sub>	ESV752--4TX <sub>B</sub>	ESV402--4TF <sub>_</sub>	ESV552--6TX <sub>B</sub>	ESV752--6TX*	EZXDB7526A1

- ~ = 7<sup>th</sup> and 8<sup>th</sup> digits: communication module can be CO, DO, RO, NO or PO  
 X = 11<sup>th</sup> digit: model requires suitable line filters that are properly installed.  
 \_ = Last digit of part number: C = N4X Indoor only (ABS enclosure, convection cooled)  
 E = N4X Indoor/Outdoor (Polycarbonate enclosure, convection cooled)  
 \* = Last digit of part number: D = N4X Indoor only (ABS enclosure, fan cooled)  
 F = N4X Indoor/Outdoor (Polycarbonate enclosure, fan cooled)

### Considered standards:

EN 61800-3 2004

Adjustable Speed Electrical Power Drive Systems, part 3:  
EMC-product standard, including specific test methods

### Manufacturer:

Signature:

Sandor Becz, Director of Engineering

Telephone:

+1 (508) 278-9100

Email Address:

sandor.becz@lenzeamericas.com

Date:

12/01/10

DoCSV01B

# EC DECLARATION OF CONFORMITY



## The EC Low-Voltage Directive (2006/95/EC)

CE-Mark Directive (93/68/EEC)

We, **Manufacturer:**  
Lenze AC Tech Corporation  
630 Douglas Street  
Uxbridge, MA 01569  
U.S.A.

**Authorized Representative:**  
Lenze Drive Systems GmbH  
Postfach 10 13 52  
D-31763 Hameln  
Germany

declare under our sole responsibility that the products to which this Declaration relates, are in conformity with the relevant provisions of the following standard, provided that installations are carried out in accordance with manufacturer's instructions.

### Products related to declaration:

#### SMV Frequency Inverter Model Numbers:

ESV251--1SX <sub>B</sub>	ESV112--2TX <sub>B</sub>	ESV113--4TX <sub>B</sub>	ESV552--4TF <sub>_</sub>	ESV752--6TX <sub>B</sub>	ESVZXX1
ESV371--1SX <sub>B</sub>	ESV152--2TX <sub>B</sub>	ESV153--4TX <sub>B</sub>	ESV752--4TF*	ESV113--6TX <sub>B</sub>	ESVZARO
ESV751--1SX <sub>B</sub>	ESV222--2TX <sub>B</sub>	ESV183--4TX <sub>B</sub>	ESV113--4TF*	ESV153--6TX <sub>B</sub>	ESVZACO
ESV112--1SX <sub>B</sub>	ESV402--2TX <sub>B</sub>	ESV223--4TX <sub>B</sub>	ESV153--4TF*	ESV183--6TX <sub>B</sub>	ESVZADO
ESV371--1SX <sub>_</sub>	ESV552--2TX <sub>B</sub>	ESV303--4TX <sub>B</sub>	ESV183--4TF*	ESV223--6TX <sub>B</sub>	
ESV751--1SX <sub>_</sub>	ESV752--2TX <sub>B</sub>	ESV373--4TX <sub>B</sub>	ESV223--4TF*	ESV303--6TX <sub>B</sub>	
ESV112--1SX <sub>_</sub>	ESV113--2TX <sub>B</sub>	ESV453--4TX <sub>B</sub>	ESV113--4TF <sub>X</sub>	ESV373--6TX <sub>B</sub>	EZXDB3712A1
	ESV153--2TX <sub>B</sub>		ESV153--4TF <sub>X</sub>	ESV453--6TX <sub>B</sub>	EZXDB1122A1
ESV251--2SX <sub>B</sub>	ESV113--2TX <sub>F</sub>	ESV371--4TX <sub>_</sub>	ESV183--4TF <sub>X</sub>		EZXDB2222A1
ESV371--2SF <sub>_</sub>	ESV153--2TX <sub>F</sub>	ESV751--4TX <sub>_</sub>	ESV223--4TF <sub>X</sub>	ESV113--6TMD	EZXDB4022A1
ESV751--2SF <sub>_</sub>	ESV113--2TMD	ESV112--4TX <sub>_</sub>	ESV113--4TLD	ESV153--6TMD	EZXDB5522A1
ESV112--2SF <sub>_</sub>	ESV153--2TMD	ESV152--4TX <sub>_</sub>	ESV153--4TLD	ESV183--6TMD	EZXDB7522A1
ESV152--2SF <sub>_</sub>	ESV402--2TX <sub>_</sub>	ESV222--4TX <sub>_</sub>	ESV183--4TLD	ESV223--6TMD	EZXDB3714A1
ESV222--2SF <sub>_</sub>	ESV552--2TX*	ESV402--4TX <sub>_</sub>	ESV223--4TLD		EZXDB1124A1
ESV371--2YX <sub>B</sub>	ESV752--2TX*	ESV552--4TX <sub>_</sub>	ESV113--4TMD	ESV113--6TX <sub>F</sub>	EZXDB2224A1
ESV751--2YX <sub>B</sub>		ESV752--4TX*	ESV153--4TMD	ESV153--6TX <sub>F</sub>	EZXDB4024A1
ESV112--2YX <sub>B</sub>	ESV371--4TX <sub>B</sub>		ESV183--4TMD	ESV183--6TX <sub>F</sub>	EZXDB5524A1
ESV152--2YX <sub>B</sub>	ESV751--4TX <sub>B</sub>	ESV371--4TF <sub>_</sub>	ESV223--4TMD	ESV223--6TX <sub>F</sub>	EZXDB7524A1
ESV222--2YX <sub>B</sub>	ESV112--4TX <sub>B</sub>	ESV751--4TF <sub>_</sub>		ESV751--6TX <sub>_</sub>	
ESV371--2YX <sub>_</sub>	ESV152--4TX <sub>B</sub>	ESV112--4TF <sub>_</sub>	ESV751--6TX <sub>B</sub>	ESV152--6TX <sub>_</sub>	EZXDB1126A1
ESV751--2YX <sub>_</sub>	ESV222--4TX <sub>B</sub>	ESV152--4TF <sub>_</sub>	ESV152--6TX <sub>B</sub>	ESV222--6TX <sub>_</sub>	EZXDB2226A1
ESV112--2YX <sub>_</sub>	ESV402--4TX <sub>B</sub>	ESV222--4TF <sub>_</sub>	ESV222--6TX <sub>B</sub>	ESV402--6TX <sub>_</sub>	EZXDB4026A1
ESV152--2YX <sub>_</sub>	ESV552--4TX <sub>B</sub>	ESV302--4TF <sub>_</sub>	ESV402--6TX <sub>B</sub>	ESV552--6TX <sub>_</sub>	EZXDB5526A1
ESV222--2YX <sub>_</sub>	ESV752--4TX <sub>B</sub>	ESV402--4TF <sub>_</sub>	ESV552--6TX <sub>B</sub>	ESV752--6TX*	EZXDB7526A1

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 F = N4X Indoor/Outdoor (Polycarbonate enclosure, fan cooled)

### Considered standards:

EN 61800-5-1

Adjustable Speed Electrical Power Drive Systems - 5-1:  
Safety Requirements - Electrical, Thermal & Energy

### Manufacturer:

Signature:

Sandor Becz, Director of Engineering

Telephone:

+1 (508) 278-9100

Email Address:

sandor.becz@lenzeamericas.com

Date:

12/01/10

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