

Declaration of Conformity

Future Design Controls P.O. Box 1196 Bridgeview, IL 60455

Controls: Analog Series

Future Design Controls declare that the following process Analog Series controllers are in compliance relating to Electromagnetic Compatibility (2004/108/EC) and low-voltage Directive (2006/95/EC). For evaluation regarding these directives the following standards were applied:

EN61326-1: 2006
EN61010-1: 2010

The EMC limits and test methods are referred to the following standards.

<u>Emission:</u>		<u>Immunity:</u>	
EN55011:	2009 + A1 2010, Class A	IEC61000 -4-2:	2008
IEC61000-3-2:	2005 + A1: 2009 2008 + A2: 209	IEC61000 -4-3:	2006 + A1: 2007 + A2: 2010
IEC61000-3-3:	2008	IEC61000 -4-4:	2012
		IEC61000 -4-5:	2005
		IEC61000 -4-6:	2008
		IEC61000 -4-8:	2009
		IEC61000 -4-11:	2004

Models: (followed by cataloged matrix numbers)
FDC-401, 402, 404, 405, 805, 901, 902 and 905

Controls: 90 & 200 Series

Future Design Controls declare that the following process controllers are in compliance with the following standards:

EN50081-1 Generic emission standard
EN50082-2 Generic Immunity standard
EN61010-1 Safety requirements for electrical equipment

Models: (followed by cataloged matrix numbers)
Series 90: 9090, 8120, 8130, 4120 and 4130
Series 200: 2220, 9200, 4220 and 4230

Controls: 300, L, P and B42 Series

Future Design Controls declare that the following process 300, L, P and B42 Series controllers are in compliance relating to Electromagnetic Compatibility (2004/108/EC) and low-voltage Directive (2006/95/EC). For evaluation regarding these directives the following standards were applied:

EN61326-1: 2006
EM61326-2-2: 2006
EN61010-1: 2010

The EMC limits and test methods are referred to the following standards.

<u>Emission:</u>		<u>Immunity:</u>	
CISPR 11:	2009 + A1: 2010, Group I, Class A	IEC61000 -4-2:	2008
IEC61000-3-2:	2005 + A1: 2008 2008 + A2: 2009	IEC61000 -4-3:	2010
IEC61000-3-3:	2008	IEC61000 -4-4:	2012
		IEC61000 -4-5:	2005
		IEC61000 -4-6:	2008
		IEC61000 -4-8:	2009
		IEC61000 -4-11:	2004

Models: (followed by cataloged matrix numbers)
Series 300: 2500, 9300, 8300, 4300
Series P: P91, P41
Series L: L41, L91
B42: B42

Controls: 100, C and B41 Series

Future Design Controls declare that the following process 100, C, and B41 Series controllers are in compliance relating to Electromagnetic Compatibility (2004/108/EC) and low-voltage Directive (2006/95/EC). For evaluation regarding these directives the following standards were applied:

EN61326-1: 2006
 EN61010-1: 2010

The EMC limits and test methods are referred to the following standards.

<u>Emission:</u>		<u>Immunity:</u>	
EN55011:	2009 + A1 2010, Class A	IEC61000 -4-2:	2008
IEC61000-3-2:	2006 + A1: 2009 + A2: 2009	IEC61000 -4-3:	2006 + A1: 2007 + A2: 2010
IEC61000-3-3:	2008	IEC61000 -4-4:	2012
		IEC61000 -4-5:	2005
		IEC61000 -4-6:	2008
		IEC61000 -4-8:	2009
		IEC61000 -4-11:	2004

Models: (followed by cataloged matrix numbers)
 Series 100: 4100, 8100, 9100, B41
 Series C: C21, C91
 Series P: P91, P41
 Series 41: 4100

VR Series Paperless Recorder

Future Design Controls declare that the models VR06 & VR18 paperless recorders are in compliance relating to Electromagnetic Compatibility (2004/108/EC) and low-voltage Directive (2006/95/EC). For evaluation regarding these directives the following standards were applied:

EN61326-1: 2006
 EN61010-1: 2010

The EMC limits and test methods are referred to the following standards.

<u>Emission:</u>		<u>Immunity:</u>	
EN55011:	2009 + A1 2010, Class A	IEC61000 -4-2:	2008
IEC61000-3-2:	2006 + A1: 2009 + A2: 2009	IEC61000 -4-3:	2006 + A1: 2007 + A2: 2010
IEC61000-3-3:	2008	IEC61000 -4-4:	2012
		IEC61000 -4-5:	2005
		IEC61000 -4-6:	2008
		IEC61000 -4-8:	2009
		IEC61000 -4-11:	2004

Models: (followed by cataloged matrix numbers)
 VR06
 VR18

CR06 Strip Chart Recorder

Future Design Controls declare that the CR06 (followed by cataloged matrix numbers) recorders are in compliance with the following standards:

EN61010-1:2010 (3rd)

FDC-IO Modules and PC-E Gateway Converter

Future Design Controls declares that the FDC-IO Modules and PC-E Gateway Converter are in compliance with the following standards:

IEC 950
 EN55011:1998 Group 1 Class A
 EN61000-4-2-A1 Level 2
 EN61000-4-3-A1 Level 2
 EN61000-4-4 Level 3

FDC-200 & 600 Series Color Touch Screen

Future Design Controls declares that the following FDC-200 & FDC-600 Series Color Touch Screen Computers are in compliance relating to Electromagnetic Compatibility. For evaluation regarding these directives the following standards were applied:

- Models 2107i and 2110i (followed by cataloged matrix numbers) :
- EN55022: 2006, Class A
- EN61000-3-2: 2006
- EN61000-3-3: 1995+A1: 2005
- EN55024: 1998+A1: 2001+A2: 2003
- IEC 61000-4-2 Edition 1.2: 2001-04
- IEC 61000-4-3 Edition 3.0: 2006
- IEC 61000-4-4: 2004
- IEC 61000-4-5 Edition 2.0: 2005
- IEC 61000-4-6 Edition 2.2: 2006
- IEC 61000-4-8: Edition 1.1: 2001-03
- IEC 61000-4-11 Second Edition: 2004-03

- Model FDC-2010 (followed by cataloged matrix numbers)
- EN55022: 1998+A1: 2000+A2: 2003
- EN61000-3-2: 2000
- EN61000-3-3: 1995+A1: 2005
- EN550224: 1998+A1: 2001+A2: 2003
- IEC 61000-4-2 Edition 1.2: 2001-04
- IEC 61000-4-3 2002+A1: 2002
- IEC 61000-4-4: 2004
- IEC 61000-4-5 Edition 1.1: 2001-04
- IEC 61000-4-6 Edition 2.1: 2004-11
- IEC 61000-4-8: Edition 1.1: 2001-03
- IEC 61000-4-11 Second Edition: 2004-03

- Models FDC-610XH, FDC-612X (followed by cataloged matrix numbers)
- EN55022: 2006, Class A
- EN61000-3-2: 2000+A2: 2005
- EN61000-3-3: 1995+A1: 2001
- EN55024: 1998+A1: 2001+A2: 2003
- IEC 61000-4-2 Edition 1.2: 2001-04
- IEC 61000-4-3 2002+A1: 2002
- IEC 61000-4-4: 2004
- IEC 61000-4-5 Edition 1.1: 2001-04
- IEC 61000-4-6 Edition 2.1: 2004-11
- IEC 61000-4-8: Edition 1.1: 2001-03

FDC-450 Touch Panel Computers

Future Design Controls declares that the Models FDC-450 Touch Panel Computers are in compliance relating to Electromagnetic Compatibility (2004/108/EC) and low-voltage Directive (2006/95/EC). For evaluation regarding these directives the following standards were applied:

- EN61000-6-4: 2007
- EN61000-6-2: 2005
- EN61010-1: 2010

The EMC limits and test methods are referred to the following standards.

<u>Emission:</u>		<u>Immunity:</u>	
CISPR II:	2009 + A1: 2010, Class A	IEC61000-4-2:	2008
IEC61000-6-3:	2005 + A1: 2008 + A2: 2009	IEC61000-4-3:	2006 + A1: 2007+A2: 2010
IEC6100-3-3:	2008	IEC61000-4-4:	2004 + A1: 2010
		IEC61000-4-5:	2005
		IEC61000-4-6:	2008
		IEC61000-4-8:	2009
		IEC61000-4-11:	2004

Models: (x = any character shown in the part number matrix)
FDC-450- xxx-xxx-xxx

DR5000 Circular Chart Recorder

Future Design Controls declare that the following DR5000 recorders are in compliance relating to Electromagnetic Compatibility (2004/108/EEC) and low-voltage Directive (2006/95/EEC). For evaluation regarding these directives the following standards were applied:

IEC61000-4-11: (immunity to voltage dips and fluctuations)
IEC61000-4-3: (RF immunity)

EN55011: 1991 Conducted Voltage Emissions
EN55011: 1991 Radiated Emissions
EN61000-3-2: 1995 Harmonic Distortion
EN61000-3-3: 1995 Immunity to Voltage Fluctuations and Flicker
EN61000-4-2: 2009 Immunity to Electrostatic Discharge
EN61000-4-3: 2006 Immunity to Continuous Radiated
EN61000-4-4: 2004 Immunity to Electrical Fast Transients
EN61000-4-5: 2006 Immunity to Surges
EN61000-4-6: 2009 Immunity to Continuous Conducted
EN61000-4-11: 2004 Immunity to Voltage Dips and Interruptions

EN55011

Models: (x = any character shown in the part number matrix; the last two x's refer to non-cataloged special.)
DR5000-11xx-xxx-xx
DR5000-12xx-xxx-xx

Date: January 29, 2014

Signature: 

President
Future Design Controls, Inc.