



ANIMATICS

DECLARATION OF CONFORMITY - CE

Animatics Corporation declares that the listed motion control products

CD5107	CD5207	CD5307	CD5407
CD5140	CD5240	CD5106	CD5206
CD5306	CD5406	CDP2407-1	CDP2407-2
AIO-100	DIO-100	IOPWR105	LCD2X20
LCD4X20	JOY2/3	PEND LCD	
PW116	RD350		
SM1720M	SM1720CL	SM2310D	SM2310SQ
SM2315D	SM2320D	SM2320SQ	SM2330D
SM2330SQ	SM2337D	SM2337DT	SM2340D
SM2340SQ	SM3410	SM3410D	SM3420
SM3420D	SM3430	SM3430SQ	SM3440
SM3440D	SM3450	SM3450D	RS485-ISO
PS42V6A-220	PS42V6A-CE		

conform with the following product specifications (see notes below):

EMC EN 50081-1: 1992, *Electromagnetic compatibility - Generic emission standard*
CISPR 22:1987/ EN 55022:1987, Class A, *Limits and methods of measurement*
of radio interference characteristics of information technology equipment.
EN 50082-1: 1994, *Electromagnetic compatibility - Generic immunity standard*
EN 61000-4-2, *Electrostatic discharge immunity test*
EN 61000-4-3, *Radiated, radio frequency electro-magnetic field immunity test*
EN 61000-4-4, *Electrical fast transient/burst immunity test*

Product Safety EN 61010-1: 1993 *Safety requirements for electrical equipment for*
measurement, control, and laboratory use

Note 1: Animatics products are not limited to operation in the environments and conditions detailed by the above specifications. With testing or minor system enhancements, our products can be compliant with the CE Medical Device Directive, S2-93, the certification requirements for the TUV Mark for industrial and household appliances, and other major European product



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DECLARATION OF CONFORMITY – CE (Continued)

specifications. The listed SmartMotor products have successfully completed all required testing for the TUV certification and are presently in the process of being licensed.

Note 2: With the exception of the CD5140 and CD5240, all of the above products operate at 50V or below and are not subject to the requirements of the Low Voltage Directive.

Note 3: SMxxxx products sold with options, such as integral brakes, are certified compliant with the product safety specification, EN 61010-1: 1993. These encompass the following products:

SM1720-BRK	SM2310D-BRK	SM2310D-E1K	SM2310D-VRE
SM2310SQ-BRK	SM2310SQ-E1K	SM2310SQ-VRE	SM2320D-BRK
SM2320D-E1K	SM2320D-VRE	SM2320SQ-BRK	SM2320SQ-E1K
SM2320SQ-VRE	SM2330D-BRK	SM2330D-E1K	SM2330D-VRE
SM2330SQ-BRK	SM2330SQ-E1K	SM2330SQ-VRE	SM2340D-BRK
SM2340D-E1K	SM2340D-VRE	SM2340SQ-BRK	SM2340SQ-E1K
SM2340SQ-VRE	SM3410-BRK	SM3410D-BRK	SM3420-BRK
SM3420D-BRK	SM3430-BRK	SM3430D-BRK	SM3440-BRK
SM3440D-BRK	SM3450-BRK	SM3450D-BRK	

Note 4: Depending on the application, an AC line filter may be required. Contact the factory for details.

The Animatics PS family of unregulated power supplies, encompassing the PS42V6A-220, PS42V6A-CE, conforms to the requirements of EMI and safety necessary for CE marking. See the attached Declaration of Conformity for details. The PS family was tested using an AC mains filter with the following common mode insertion loss characteristic:

<i>Frequency (MHz)</i>	<i>0.15</i>	<i>0.5</i>	<i>1</i>	<i>5</i>	<i>10</i>	<i>30</i>
<i>Attenuation (dB)</i>	8	19	25	28	40	45

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