

# Certificate of Compliance

Certificate Number **290807 - E171230**  
Report Reference **E171230, July 31st, 2007**  
Issue Date **2007 August 29**

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*Issued to:* **CONTROL TECHNIQUES LTD**

THE GRO NEWTOWN  
POWYS SY16 3BE UNITED KINGDOM

*This is to certify that  
representative samples of*

**POWER CONVERSION EQUIPMENT**


Open type Power Conversion Equipment – Unidrive series ES, SP or DST  
followed by 0 or 1 followed by 2 or 4 followed by 0 followed by 1, 2, 3, 4 or 5.

*Have been investigated by Underwriters Laboratories Inc.® (UL) or any authorized  
licensee of UL in accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* **UL 508C - Power Conversion Equipment 3rd Edition**

*Additional Information:* **See Addendum for Electrical Ratings**

**Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.**

The UL Listing Mark generally includes the following elements: the symbol UL in a circle:  with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

**Look for the UL Listing Mark on the product**

Issued by: **Manfred Schroder**

**Manfred Schroder, Engineer**

UL International (U.K.) Ltd.

Any information and documentation provided to you involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. UL International (UK) Ltd.  
For questions in United Kingdom, you may call +44 0 1483 302 130.

Reviewed by: **Pete Joyes**

**Pete Joyes, Engineer Staff**

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This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL, cUL requirements.

## Electrical Ratings:

Model	Input Volts	FLA	Phase	Hz	Output Volts	FLA / Hp	Phase	Hz
ES	0201 230	3.6		50/60	230	2.2 / 0.5		0-3000Hz
or	0202 230	5.6		50/60	230	3.1 / 0.75		0-3000Hz
SP	0203 230	6.9	1/3	50/60	230	4.0 / 1.0		0-3000Hz
	0204 230	8.9		50/60	230	5.7 / 1.5		0-3000Hz
	0205 230	12.3		50/60	230	7.5 / 2.0		0-3000Hz
	0401 480	2.3		50/60	480	1.3 / 0.5	3	0-3000Hz
	0402 480	2.8		50/60	480	1.7 / 0.75		0-3000Hz
	0403 480	3.3	3	50/60	480	2.1 / 1.0		0-3000Hz
	0404 480	4.4		50/60	480	3.0 / 1.5		0-3000Hz
	0405 480	5.7		50/60	480	4.2 / 2.0		0-3000Hz

Model	Input Volts	FLA	Phase	Hz	Output Volts	FLA	Phase	Hz
DST	1201 230	3.5		50/60	230	1.7		0-3000Hz
	1202 230	7.3	1/3	50/60	230	3.8	3	0-3000Hz
	1203 230	9.4		50/60	230	5.4		0-3000Hz
	1204 230	13.4		50/60	230	7.6		0-3000Hz
	1401 480	2.8		50/60	480	1.5		0-3000Hz
	1402 480	4.3		50/60	480	2.7		0-3000Hz
	1403 480	6	3	50/60	480	4.0	3	0-3000Hz
	1404 480	8		50/60	480	5.9		0-3000Hz
	1405 480	9.9		50/60	480	8.0		0-3000Hz

Auxiliary Relay Contacts: 250V, 4A, General use. Environmental: All models have been evaluated for use at surrounding air temperatures up to 40°C.

## MODEL SHORT CIRCUIT RATING (kA)

All 5kA

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