

Certificate



Intertek


for European Product Safety

Reference No. 1506444

Thermally operated control for appliances

Type designation	ERC 101A, RDI 07, RDI 07A, ERC 111A, RDI 107, RDI 107A		
Certificate holder	Danfoss A/S Global Approvals E14-S4a Nordborgvej 81 DK-6430 Nordborg DENMARK		
The product complies with the standard(s)	EN 60730-1:2000 +A12+A13+A1+A14+A16+A2 EN 60730-2-9:2010		
Date of expiry	1 February 2017		
EU Directive information	The product satisfies the provisions for CE marking according to the Low Voltage Directive 2006/95/EC.		

Additional information in Appendix.

Certification Body	Intertek Semko AB, Product Certification	Place	Kista - Stockholm
Signed	 _____ David Haglund	Date	2 February 2015 Page 1 of 3


This certificate is issued in accordance with the terms and conditions set out in the Appendix.



**Intertek
Appendix**

Reference No. 1506444

Technical data

<i>Type designation</i>	ERC 101A / RDI 07 / RDI 07A ERC 111A / RDI 107 / RDI 107A
<i>Rated voltage (V)</i>	100-240V AC
<i>Rated Current (A)</i>	10(10)A @ T55 16(16)A @ T45
<i>Number of cycles</i>	100000 (A)
<i>Frequency (Hz)</i>	50/60Hz
<i>Class</i>	For Class I or Class II appliances
<i>Features of automatic action</i>	1.B (micro-disconnection)
<i>Purpose of control</i>	Incorporated thermostat for refrigerators
<i>IP-Class</i>	IP00 for rear, IP65 for front
<i>Method of connection</i>	Tab terminals 6.3x0.8 mm
<i>Trademark</i>	
<i>Product information</i>	T45 or T55 (depending on rating, see above), Category D, Material Group IIIa (PTI 250), Pollution degree 3, U _{imp} 2.5 kV.
<i>Other</i>	<ul style="list-style-type: none"> - ERC101A thermally operated control - Display RDI07 variant of ERC 101A without relay, made as accessory to control unit ERC 103. Rated 12VDC. - Display RDI07A variant of ERC 101A with relay, made as accessory to control unit ERC 103. Rated 240VAC, 10(10)A @ T55, 16(16)A @ T45. - ERC 111A thermally operated control - Display RDI 107 variant of ERC 111A without relay, made as accessory to control unit ERC 113. Rated 12VDC. - Display RDI 107A variant of ERC 111A with relay, made as accessory to control unit ERC 113. Rated 240VAC, 10(10)A @ T55, 16(16)A @ T45.

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Intertek Appendix

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Glow wire test according to IEC/EN 60335-1 Ed. 5 has been performed with the following result:

PCB: Pass 850°C with no flames.

Enclosure: Pass 850°C with flames (>2s) and 750°C with no flames.

Relay: Pass 850°C with flames (>2s) and 750°C with flames (>2s).

Additional information

The product complies with EN 60335-2-89:2010 Annex BB and EN 60335-2-24:2010 Annex CC.

The maximum surface temperature under normal and abnormal operations is 80°C.

Manufacturing site(s)

Enics Electronics (Beijing) Ltd.
A6 Xin Cheng Industrial Park
Ke Chuang No.2
Street 9# BDA, Beijing 100023
CHINA

This certificate, which includes production control, constitutes sufficient support for an EC Declaration of Conformity and CE marking, according the principle of presumption of conformity, of the product according to the Low Voltage Directive 2006/95/EC.

This presumption can expire before end of validity of this certificate due to new issued Standard or Amendment and changes within the EU legislation.

This certificate replaces previously issued ref. No. 1300486 dated 11 March 2013.

A new certificate has been issued on account of update of additional information in Appendix.

Compliance with EN 60335-2-89:2010 Annex BB and EN 60335-2-24:2010 Annex CC is based on test report with ref. No. IB-08-8-100, dated 9 February 2009, issued by IBExU Institut für Sicherheitstechnik GmbH (EU-Kenn-Nr. 0637).

Certification Body

Intertek Semko AB, Product Certification

Place

Kista - Stockholm

Signed

David Haglund

Date

2 February 2015

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