

# Certificate of Compliance

Certificate Number 120805 - E201387  
Report Reference E201387, July 25th, 2005  
Issue Date 2005 August 12

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**Underwriters  
Laboratories Inc.®**

*Issued to:* **Jumo GmbH & CO KG**

**Moltkestrasse 13/31  
D-36039 Fulda Germany**

*This is to certify that  
representative samples of*



**Panel-mounted programmable  
process controller  
Series iTRON04, -08, -16, and -32;  
iTRON04B; R3**

*Have been investigated by Underwriters Laboratories Inc.® in  
accordance with the Standard(s) indicated on this Certificate.*

*Standard(s) for Safety:* **UL 3121-1 - Safety Process Control Equipment,  
CSA C22.2 No. 1010.1-92 - Safety Requirements for Electrical Equipment for  
Measurement, Controls and Laboratory Use.**

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

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

**Look for the UL Recognized Component Mark on the product**

Issued by:

*Kiya Ghamari*

**Kiya Ghamari, Associate Project Engineer**

UL International Germany GmbH

Any information and documentation provided to you involving UL Mark services are provided on behalf of Underwriters Laboratories Inc.  
For questions in Germany, you may call +49 0 6102 3690.

Reviewed by:

*Walter Hofmair*

**Walter Hofmair, Senior Project Engineer**

UL International Germany GmbH

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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 UR, cUR requirements.

Models iTRON 04, 08, 16, 32:

Line input (Terminals L, N) -

20-53 V ac/dc or  
110-240 V ac, 48-63 Hz or  
10-18V dc,

5 VA maximum.

Relay Outputs - 3 A, 250 V ac resistive, N.O. (make contacts).

Sensor Inputs - Limit circuit isolated by reinforced or double insulation.

Other Input/Outputs - Limit circuit isolated by reinforced or double insulation.

See ILL.1 for input/output connection on terminals.

Issued by:

**Kiya Ghamari, Associate Project Engineer**

UL International Germany GmbH

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Reviewed by:

**Walter Hofmair, Senior Project Engineer**

UL International Germany GmbH

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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 UR, cUR requirements.**

**Model iTRON 04B**

Line input - Terminals L, N 20-53 V ac / dc or  
110-240 V ac (48-63 Hz),  
5 VA maximum.

Relay Output K1,K2, - 5 A, 250 V ac resistive, make contacts  
K1 - 5 A, 250 V ac resistive, changeover

Sensor Inputs - Limit circuit isolated by reinforced or double insulation.

Other Input/Outputs - Limit circuit isolated by reinforced or double.

See ILL.2 for input/output connection on terminals.

**Model R3:**

Line input - 110-240 V ac, 48-63 Hz, 5 VA maximum.

Temperature - Maximum operating ambient 35°C.

Issued by:

**Kiya Ghamari, Associate Project Engineer**

UL International Germany GmbH

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Reviewed by:

**Walter Hofmair, Senior Project Engineer**

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