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File E235136 Vol 1 Issued 2003-04-17  
Revised

FOLLOW-UP SERVICE PROCEDURE  
(TYPE L)

INDUSTRIAL CONTROL PANELS  
(NITW,NITW7)

Manufacturer: BECK AUTOMATION GMBH  
(692905-001) NUERNBERGER STR 109  
97076 WUERZBURG GERMANY

Applicant: SAME AS MANUFACTURER  
(692905-001)

Listee: SAME AS MANUFACTURER  
(692905-001)

This Procedure authorizes the above Manufacturer to use the marking specified by Underwriters Laboratories Inc. only on products covered by this Procedure, in accordance with the applicable Follow-Up Service Agreement.

The prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

The Procedure contains information for the use of the above named Manufacturer and representatives of Underwriters Laboratories Inc. and is not to be used for any other purpose. It is lent to the Manufacturer with the understanding that it is not to be copied, either wholly or in part, and that it will be returned to Underwriters Laboratories Inc. upon request.

This PROCEDURE, and any subsequent revisions, is the property of UNDERWRITERS LABORATORIES INC. and is not transferable.

UNDERWRITERS LABORATORIES INC.

A handwritten signature in cursive script, appearing to read 'A.W. Schaefer'.

A.W. Schaefer  
Vice President and General Manager  
US and Canadian Operations

N

A not-for-profit organization  
dedicated to public safety and  
committed to quality service

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Models	Sec.	Issued:	Approvals
ICP	1	2003-04-17	C

A-US listing only  
B-Canadian Listing only  
C-UL and Canadian Listing.

PRODUCT COVERED:

USL, CNL - Listed Industrial control panels.

ENGINEERING CONSIDERATIONS: (Not for Field Representative's Use)

Products designated USL have been investigated using requirements contained in the UL Standard for Safety for Industrial Control Panels, UL508A.

Products designated CNL have been investigated using requirements contained in CAN/CSA C22.2 No. 14 - M95, Industrial Control Equipment.

FACTORY LOCATION AND IDENTIFICATION:

When more than one manufacturing location is indicated on the Authorization Page Addendum for the Procedure Volume, the factory identification code shall be marked on the product. The factory identification and associated manufacturing location are as follows:

<u>Location</u>	<u>Factory Identification</u>
City, State	None Required

## TYPE L LISTING MARK:

This Listing Mark is applied to enclosed panels. It may be applied to the enclosure or cover (inside or outside surface) of enclosed panels. When applied to the enclosure, the subpanel(s) within, the enclosure, the cover, and all enclosure or cover mounted components are in accordance with the descriptive portion of this Procedure.

UNDERWRITERS LABORATORIES INC. ®  
LISTED  
ENCLOSED INDUSTRIAL CONTROL PANEL  
SERIAL NO. \_\_\_\_\_

## ALTERNATE COMPANY IDENTIFICATION:

The file number may be marked on products in lieu of the Listed company name.

# UL International Germany GmbH

Frankfurter Strasse 229  
D-63263 Neu-Isenburg  
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File E235136

Project 03CA12471

2003-04-17

REPORT

ON

INDUSTRIAL CONTROL PANELS

Beck Automation GmbH  
97076 Wuerzburg, Germany

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## DESCRIPTION

## PRODUCT COVERED:

USL, CNL - Listed Industrial control panels.

## GENERAL:

The industrial control panels covered by this Procedure are custom-built assemblies with a maximum voltage rating of 600 V ac or dc, consisting of two or more components such as motor controllers, overload relays, fused disconnect switches, and/or circuit breakers and related control devices such as push button station, selector switches, timers, switches, control relays and the like with associated wiring, terminal blocks, pilot lights, etc. These panels are not intended for installation into hazardous locations or with circuits extending into hazardous locations.

## CONSTRUCTION DETAILS:

Products covered by this report shall comply with applicable component, construction rating and marking requirements contained in UL508A, the Standard for Industrial Control Panels, and any additional information provided in this Procedure. Components and construction described in this Procedure are not required to be included in an industrial control panel.

## ABBREVIATIONS:

R/C - Recognized Component.

## OPTIONAL COMPONENTS AND CONSTRUCTION:

Supplementary Protective Devices - R/C (QVNU2), manually resettable type switch. Such equipment may be utilized provided:

- A. Not suitable for branch circuit protection, may be protected by a branch circuit fuse rated not more than 400 percent.
- B. Mounted with spacings being maintained and rotation prevented.
- C. Factory only.

Bus Bar System - R/C (NITW2) made by Rittal, consisting of the following component

- Component Adapter, Cat. No. 3048
- Connection Adapter Unit, Cat. No. 3439
- Bus bar support, Cat. No. 3500
- End cover, Cat. No. 3501
- Rail Connector, Cat. No. 3505
- Cover Section, Cat. No. 3507 and 3508
- Bus bar, Cat. No. 3509
- Base Tray Section, Cat. No. 3518
- Base Tray Section Intermediate, Cat. No. 3523
- Insert Strip/Adaptor Extension, Cat. No. 3538
- Component Adaptor, Cat. No. 3438
- Component Adaptor, Cat. No. 3542 and 3546

TEST RECORD NO. 1

SAMPLES:

Samples of this manufacturer's industrial control panels were submitted. They were found to be constructed as described in the preceding section of this Report.

Due to the use of Listed and Recognized Components within their established ratings, tests were not deemed necessary.

## CONCLUSION

A Sample of the products covered by this Report have been found to comply with the requirements covering the category and the products are judged to be eligible for Listing and Follow-Up Service. The manufacturer is authorized to use the UL Mark on such products which comply with the Follow-Up Service Procedure and any other applicable requirements of Underwriters Laboratories Inc. Only those products which properly bear the UL Mark are considered as Listed by Underwriters Laboratories Inc.

Report by:

*H. Schmied*

Holger Schmied  
Project Engineer  
UL International Germany GmbH

Reviewed by:

*D. Mueller*

Dirk R.F. Mueller  
Technical Team Leader  
UL International Germany GmbH

Pursuant to the Corporate Services Agreement between UL International Germany GmbH and Underwriters Laboratories Inc. ("UL"), UL hereby accepts and issues this Report.