

File E140310
Project 03NK07706

2003-06-30

REPORT

on

OUTLET BUSHINGS AND FITTINGS

Jacob GmbH
Kernen, Germany

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DESCRIPTION

PRODUCT COVERED:

USL, CNL Series 10.XX15 M/G, where XX is 20, 32, 40, 50 or 63.
Series 10.XX15 PAVXXXX, where XX is 20, 32, 40, 50 or 63.

GENERAL:

TABLE 1

Part No.	NPT Equivalent	Metric Equivalent(+)
10.2015XXXXXXXX	1/2	M20
10.3215XXXXXXXX	3/4	M32
10.4015XXXXXXXX	1	M40
10.5015XXXXXXXX	1-1/4, 1-1/2	M50
10.6315XXXXXXXX	2	M63

- Indicates no NPT equivalent for the correlating part number.

+ Indicates M20 = 20 mm, M32 = 32 mm, M40 = 40 mm, M50 = 50 mm, M63 = 63 mm.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

* Products designated USL have been investigated using requirements contained in UL 514**A**.

* Products designated CNL have been investigated using requirements contained in CAN/CSA 22.2 No. 18-**1-13**.

CONSTRUCTION DETAILS:

* Marking - Listee's name, "Jacob" on device. Part No. and metric equivalent, M20, M32, M40, M50 or M63 and Type 4X on device or carton.

Certificate of Compliance

Certificate Number 20110927A-E140310
Report Reference E140310-20030630
Issue Date 2011-SEPTEMBER-27

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Issued to: JACOB GMBH
GOTTLIEB-DAIMLER-STRASSE 11
71394 KERNEN GERMANY

This is to certify that representative samples of

OUTLET BUSHINGS AND FITTINGS


Series 10.XX15 M/G, where XX is 20, 32, 40, 50 or 63. Series 10.XX15 PAVXXXX, where XX is 20, 32, 40, 50 or 63.

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

Standard(s) for Safety: Conduit, Tubing, and Cable Fittings – UL514B
Conduit, Tubing, and Cable Fittings - CAN/CSA C22.2 No. 18.3-04

Additional Information: See UL On-line Certification Directory at WWW.UL.COM for additional information.

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers:  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

William R. Carney
Director, North American Certification Programs

Underwriters Laboratories Inc.

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

For questions, please contact a local UL Customer Service Representative at <http://www.ul.com/global/eng/pages/corporate/contactus>

DESCRIPTION

PRODUCT COVERED:

USR, CNR Component Series 10.XX15 M/G where XX is 12, 16 or 25.
Series 10.XX15 PAVXXXX, where XX is 12, 16 or 25.

GENERAL:

TABLE 1

Part No.	NPT Equivalent	Metric Equivalent(+)
10.1215XXXXXXXX	-	M12
10.1615XXXXXXXX	-	M16
10.2515XXXXXXXX	-	M25

- Indicates no NPT equivalent for the correlating part number.

+ Indicates M12 = 12 mm, M16 = 16 mm, M25 = 25 mm

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

* Products designated USR have been investigated using requirements contained in UL 514**A**.

* Products designated CNR have been investigated using requirements contained in CAN/CSA 22.2 No. 18-**1-13**.

Conditions of Acceptability -

1. The following part numbers shall be installed in a suitable opening: 10.1215XXXXXXXX, 10.1615XXXXXXXX and 10.2515XXXXXXXX. See Table 1 for opening sizes.

CONSTRUCTION DETAILS:

Marking - Listee's name, "Jacob" on device. Part No. and metric equivalent, M12, M16 or M25 and Type 4X on device or carton.

Certificate of Compliance

Certificate Number 20110927C-E140310
Report Reference E140310-20110928
Issue Date 2011-SEPTEMBER-27

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*This is to certify that
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OUTLET BUSHINGS AND FITTINGS



Component Series 10.XX15 M/G where XX is 12, 16 or 25. Series 10.XX15 PAVXXXX, where XX is 12, 16 or 25.

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

Standard(s) for Safety: The Standard for Safety for Conduit, Tubing and Cable Fittings - UL 514B
The Standard for Safety for Conduit, Tubing and Cable Fittings - CSA
C22.2 No. 18.3-04

Additional Information: See UL On-line Certification Directory at WWW.UL.COM for additional information.

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

William R. Carney
Director, North American Certification Programs

Underwriters Laboratories Inc.

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