

File E140310  
Project 4786647460

February 06, 2015

REPORT

on

COMPONENT - OUTLET BUSHINGS AND FITTINGS

JACOB GMBH  
Kernen, Germany

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## DESCRIPTION

## PRODUCT COVERED:

USR, CNR Component - Cord Connector Assemblies, as follows:

Cat. Nos.	Description Nos.
F305-9240-00	KADP 24/11,
F305-9240-01	KADP 24/12,
F305-9240-02	KADP 24/13,
F305-9240-03	KADP 24/14,
F305-9240-04	KADP 24/17,
F305-9240-05	KADP 24/17-1,
F305-9240-06	KADP 24/22,
F305-9240-07	KADP 24/23,
F305-9240-08	KADP 24/29.

## TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Products designated USL have been investigated using requirements contained in the Standard for Conduit, Tubing, and Cable Fittings, UL 514B.

Products designated CNL have been investigated using requirements contained in the Standard for Conduit, Tubing, and Cable Fittings, CAN/CSA-C22.2 No. 18.3.

## Conditions of Acceptability -

1. These devices have been subjected to the Assembly Test, Oven Aging, Flexing Test and Pull Test (weights modified as shown in Item 3) in accordance with UL 514B and CSA C22.2 No. 18.3. The application and location of these cord connector assemblies should be considered in the end product since the elastomeric membrane has not been subjected to applicable enclosure flame or environmental requirements.


2. Constructions were tested in a 1.84 mm (0.07 in.) thickness rigid polymeric surface in a 112 by 366 mm (4.4 by 1.4 in.) rectangular opening. The suitability of mounting of these devices to other opening sizes and thicknesses shall be considered in the end product application.

## and Report

3. The following outlines the cord diameters and Pull Force values for each Cat. No.:

Cat. Nos.	Description Nos.	Cord Diameter		Pull Force	
		mm	in	kg	LB
F305-9240-00	KADP 24/11	3.0	0.12	0.10	0.22
	KADP 24/11	6.5	0.26	0.50	1.10
	KADP 24/11	5.0	0.20	0.20	0.44
	KADP 24/11	9.2	0.36	1.10	2.42
	KADP 24/11	14.0	0.55	0.75	1.65
F305-9240-01	KADP 24/12	8.0	0.31	0.60	1.32
	KADP 24/12	12.0	0.47	2.50	5.50
F305-9240-02	KADP 24/13	3.0	0.12	0.10	0.22
	KADP 24/13	5.5	0.22	0.50	1.10
	KADP 24/13	4.1	0.16	0.20	0.44
	KADP 24/13	8.1	0.32	1.10	2.42
	KADP 24/13	9.0	0.35	0.50	1.10
	KADP 24/13	14.0	0.55	3.00	6.60
	KADP 24/13	14.0	0.55	0.75	1.65
F305-9240-03	KADP 24/14	3.0	0.12	0.10	0.22
	KADP 24/14	6.5	0.26	0.50	1.10
	KADP 24/14	5.0	0.20	0.20	0.44
	KADP 24/14	9.2	0.36	1.10	2.42
	KADP 24/14	9.6	0.38	0.75	1.65
	KADP 24/14	15.9	0.63	2.50	5.50
F305-9240-04	KADP 24/17	5.0	0.20	0.20	0.44
	KADP 24/17	9.2	0.36	1.10	2.42
F305-9240-05	KADP 24/17-1	3.0	0.12	0.10	0.22
	KADP 24/17-1	6.5	0.26	0.50	1.10
	KADP 24/17-1	4.1	0.16	0.20	0.44
	KADP 24/17-1	8.1	0.32	1.10	2.42
	KADP 24/17-1	8.0	0.31	0.60	1.32
F305-9240-06	KADP 24/17-1	12.5	0.49	2.50	5.50
	KADP 24/22	3.0	0.12	0.10	0.22
	KADP 24/22	6.5	0.26	0.50	1.10
	KADP 24/22	5.0	0.20	0.20	0.44
	KADP 24/22	9.2	0.36	1.10	2.42
	KADP 24/22	8.0	0.31	0.60	1.32
F305-9240-07	KADP 24/22	12.5	0.49	2.50	5.50
	KADP 24/23	4.1	0.16	0.20	0.44
	KADP 24/23	8.1	0.32	1.10	2.42
F305-9240-08	KADP 24/29	3.0	0.12	0.10	0.22
	KADP 24/29	6.5	0.26	0.50	1.10

## CONSTRUCTION DETAILS:

Marking - Listee's name, "Jacob" or trademark  on device. Description No. on device. Cat. No. and Description No. on smallest unit package. The cord diameter range may be provided on the product or smallest unit container.

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20150206-E140310  
**Report Reference** E140310-20150206  
**Issue Date** 2015-FEBRUARY-06

**Issued to:** JACOB GMBH  
Gottlieb-Daimler-Strasse 11  
71394 Kernen GERMANY

**This is to certify that representative samples of** COMPONENT - OUTLET BUSHINGS AND FITTINGS  
Refer addendum page for models

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

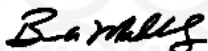
**Standard(s) for Safety:** UL 514B Conduit, Tubing, and Cable Fittings  
CSA C22.2 No. 18.3-12 Conduit, Tubing, and Cable Fittings

**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

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

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20150206-E140310  
**Report Reference** E140310-20150206  
**Issue Date** 2015-FEBRUARY-06

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

Component – Cord Connector Assemblies, as follows: F305-9240-00( KADP 24/11), F305-9240-01(KADP 24/12), F305-9240-02(KADP 24/13), F305-9240-03(KADP 24/14), F305-9240-04(KADP 24/17), F305-9240-05(KADP 24/17-1), F305-9240-06(KADP 24/22), F305-9240-07(KADP 24/23), F305-9240-08(KADP 24/29)



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

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