# Certificate of Compliance

**Certificate Number:**

UL-US-L64839-219-80108102-1

**Report Reference:**

E64839-20180108

**Issue Date:**

2024-10-24

Issued to:

**RAFI GmbH & Co. KG**
**Ravensburger Str. 128-134 Berg 88276**
**Germany**

This certificate confirms that representative samples of:
**NKCR2 - Auxiliary Devices - Component**

**See Addendum Page for Product Designation(s).**

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**UL 60947-1, 5th Ed., Issue Date: 2013-07-31, Revision Date: 2019-05-06**, **UL 60947-5-1, 3rd Ed., Issue Date: 2014-03-28**

Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

David Piecuch
UL Mark Certification Program Owner

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# CERTIFICATE OF COMPLIANCE

**Certificate number** UL-US-L64839-219-80108102-1
**Report reference** E64839-20180108
**Date** 2024-10-24

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

| Model | Product Description |
|---|---|
| 1.20.146.001, may be followed by /0000 or /9000. | Auxiliary Devices |
| 1.20.146.002, may be followed by /0000 or /9000. | Auxiliary Devices |
| 1.20.146.003, may be followed by /0000 or /9000. | Auxiliary Devices |
| 1.20.146.004, may be followed by /0000 or /9000. | Auxiliary Devices |
| 1.20.146.005, may be followed by /0000 or /9000. | Auxiliary Devices |
| Contact blocks for RAMO S and RAMO K, Partno. 1.20.136.001, 1.20.136.002, 1.20.136.003, 1.20.136.004, 1.20.136.005, may be followed by /0000 or /9000. | Auxiliary Devices |
| Ramo22 F RJ45, Partno. 1.10.099. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo22 F USB 3.0, Partno. 1.10.099. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo22 I M12, Partno. 1.10.071. followed by three numbers, followed by /, followed by four numbers. Partno. 9.10.071. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo22 I M8, Partno. 1.10.070. followed by three numbers, followed by /, followed by four numbers. Partno. 9.10.070. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| RAMO22 K, Partno. 1.10.051. followed by three numbers, followed by /, followed by four numbers. Partno. 9.10.051. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| RAMO22 S, Partno. 1.10.021. followed by three numbers, followed by /, followed by four numbers. Partno. 9.10.021. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo22 T M12, Partno. 1.10.011.followed by three numbers, followed by /, followed by four numbers. Partno. 9.10.011. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo22 T M8, Partno. 1.10.010. followed by three numbers, followed by /, followed by four numbers. Partno. 9.10.010. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo30 F RJ45, Partno. 1.11.099. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo30 F USB 3.0, Partno. 1.11.099. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| RAMO30 F USB 3.0 cable + JST connector, Partno. 9.11.099.001, followed by /, followed by four numbers. | Auxiliary Devices |

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# CERTIFICATE OF COMPLIANCE

**Certificate number** UL-US-L64839-219-80108102-1
**Report reference** E64839-20180108
**Date** 2024-10-24

| | |
|---|---|
| Ramo30 I M12, Partno. 1.11.071. followed by three numbers, followed by /, followed by four numbers. Partno. 9.11.071. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo30 I M8, Partno. 1.11.070. followed by three numbers, followed by /, followed by four numbers. Partno. 9.11.070. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| RAMO30 K, Partno. 1.11.051. followed by three numbers, followed by /, followed by four numbers. Partno. 9.11.051. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| RAMO30 S, Partno. 1.11.021. followed by three numbers, followed by /, followed by four numbers. Partno. 9.11.021. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo30 T M12, Partno. 1.11.011. followed by three numbers, followed by /, followed by four numbers. Partno. 1.11.011. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo30 T M8, Partno. 1.11.010. followed by three numbers, followed by /, followed by four numbers. Partno. 9.11.010. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |

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# Certificate of Compliance

**Certificate Number:**

UL-CA-L64839-419-80108102-1

**Report Reference:**

E64839-20180108

**Issue Date:**

2024-10-24

Issued to:

**RAFI GmbH & Co. KG**
**Ravensburger Str. 128-134 Berg 88276**
**Germany**

This certificate confirms that representative samples of:

**NKCR8 - Auxiliary Devices Certified for Canada - Component**

**See Addendum Page for Product Designation(s).**

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**CSA C22.2 No. 60947-1, 2nd Ed., Issue Date: 2013-07-01, CSA C22.2 NO. 60947-5-1-14, 1st Ed., Issue Date: 2014-03-01**

Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

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David Piecuch
UL Mark Certification Program Owner

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| 1.20.146.001, may be followed by /0000 or /9000. | Auxiliary Devices |
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| 1.20.146.003, may be followed by /0000 or /9000. | Auxiliary Devices |
| 1.20.146.004, may be followed by /0000 or /9000. | Auxiliary Devices |
| 1.20.146.005, may be followed by /0000 or /9000. | Auxiliary Devices |
| Contact blocks for RAMO S and RAMO K, Partno. 1.20.136.001, 1.20.136.002, 1.20.136.003, 1.20.136.004, 1.20.136.005, may be followed by /0000 or /9000. | Auxiliary Devices |
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| Ramo22 F USB 3.0, Partno. 1.10.099. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo22 I M12, Partno. 1.10.071. followed by three numbers, followed by /, followed by four numbers. Partno. 9.10.071. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo22 I M8, Partno. 1.10.070. followed by three numbers, followed by /, followed by four numbers. Partno. 9.10.070. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| RAMO22 K, Partno. 1.10.051. followed by three numbers, followed by /, followed by four numbers. Partno. 9.10.051. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| RAMO22 S, Partno. 1.10.021. followed by three numbers, followed by /, followed by four numbers. Partno. 9.10.021. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo22 T M12, Partno. 1.10.011.followed by three numbers, followed by /, followed by four numbers. Partno. 9.10.011. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo22 T M8, Partno. 1.10.010. followed by three numbers, followed by /, followed by four numbers. Partno. 9.10.010. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo30 F RJ45, Partno. 1.11.099. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo30 F USB 3.0, Partno. 1.11.099. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| RAMO30 F USB 3.0 cable + JST connector, Partno. 9.11.099.001, followed by /, followed by four numbers. | Auxiliary Devices |

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| | |
|---|---|
| Ramo30 I M12, Partno. 1.11.071. followed by three numbers, followed by /, followed by four numbers. Partno. 9.11.071. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo30 I M8, Partno. 1.11.070. followed by three numbers, followed by /, followed by four numbers. Partno. 9.11.070. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| RAMO30 K, Partno. 1.11.051. followed by three numbers, followed by /, followed by four numbers. Partno. 9.11.051. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| RAMO30 S, Partno. 1.11.021. followed by three numbers, followed by /, followed by four numbers. Partno. 9.11.021. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo30 T M12, Partno. 1.11.011. followed by three numbers, followed by /, followed by four numbers. Partno. 1.11.011. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |
| Ramo30 T M8, Partno. 1.11.010. followed by three numbers, followed by /, followed by four numbers. Partno. 9.11.010. followed by three numbers, followed by /, followed by four numbers. | Auxiliary Devices |

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