



DEMKO CERTIFICATE

Certificate No.	D-09322-M1
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Date of Issue	2023-10-27
Certificate Holder	NATIONAL INSTRUMENTS CORP 11500 N MOPAC EXPY AUSTIN, TX 78759-3504 UNITED STATES
Production site	NI MALAYSIA SDN BHD NO 8 LEBUH BATU MAUNG 1 BAYAN LEPAS, Pulau Pinang 11960 MALAYSIA See Page 2 for additional information
Certified Product	Measurement and Control System
Model	Measuring and Test System cRIO-9201, See page 2 for additional Information
Trademark	  NI
Ratings	cRIO-9201, +/- 10V Working Voltage, 250V CAT II Channel to Earth See pages 2-10 for additional ratings
Tested according to	EN 61010-2-030:2010, EN 61010-1:2010/A1:2019, EN 61010-1:2010
Test Report No.	E183728-D1047-1/A1/C0-Informative issued on 2023-10-13
Additional	This certificate replaces the certificate D-09322 dated 2022-06-15. The report was revised to include technical modifications. Summary of modifications: added alternate isolator, added technical information for ADUM141E1BRWZ-RL to the CCL. added VDE cert number and standards for existing isolator.
Expire date	2032-06-14

Certification Manager
Thomas Wilson

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the D-Mark Requirements. As specified in the respective appendix below the Designated Certificate holder is entitled to use the D-Mark, or its alternative for cables, for the Certified Product manufactured at the production site(s) identified above, in accordance with the D-Mark Service Agreement, including without limitation the D-Mark Testing and Certification Services Service Terms. Only those Products bearing the D-Mark should be considered as being covered by UL's D-Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the expiration date.

Certification Body

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Factories:

NI HUNGARY KFT
HATAR UT 1/A DEBRECEN 4031
HUNGARY

Additional Model(s): Measuring and Test System cRIO-9201, cRIO-9201 with DSUB, cRIO-9203, cRIO-9205, cRIO-9205 with DSUB, NI 9207, cRIO-9207 with DSUB, NI 9208, cRIO-9208 with DSUB, NI 9209, NI 9209 with DSUB, NI 9210 with mini TC, cRIO-9211, NI 9212, TB-9212, cRIO-9213, cRIO-9214, NI TB-9214, cRIO-9215, cRIO-9215 with BNC, NI 9216, cRIO-9217, NI 9218, NI 9218 with DSUB, cRIO-9219, NI 9220, NI 9220 with DSUB, cRIO-9221, cRIO-9221 with DSUB, cRIO-9222, NI 9222 with BNC, cRIO-9223, NI 9223 with BNC, cRIO-9225, NI 9226, cRIO-9227, cRIO-9229, cRIO-9229 with BNC, NI 9230, NI 9232, cRIO-9233, cRIO-9234, cRIO-9235, cRIO-9236, cRIO-9237, cRIO-9237 with DSUB, NI-9238, cRIO-9239, cRIO-9239 with BNC, NI-9242, NI-9244, NI 9260 with BNC, NI 9260 miniXLR, cRIO-9263, cRIO-9264, cRIO-9264 with DSUB, cRIO-9265, cRIO-9269, NI 9344, cRIO-9375, cRIO-9375 with DSUB, NI 9381 with IDC, NI 9381 with DSUB, cRIO-9401, cRIO-9402, cRIO-9403 with DSUB, cRIO-9411, cRIO-9421, cRIO-9421 with DSUB, cRIO-9422, cRIO-9423, cRIO-9425 with DSUB, cRIO-9426 with DSUB, cRIO-9435, NI 9437, cRIO-9467, NI 9469, cRIO-9472, cRIO-9472 with DSUB, cRIO-9474, cRIO-9475 with DSUB, cRIO-9476 with DSUB, cRIO-9477, cRIO-9478 with DSUB, NI 9481, NI 9482, cRIO-9485, cRIO-9501, NI 9502, NI 9503, cRIO-9505, cRIO-9512, cRIO-9514, cRIO-9516, NI 9775, NI 9795, cRIO-9802, cRIO-9852, cRIO-9853, NI 9860/2, NI 9861, cRIO-9862, NI 9866, cRIO-9870, cRIO-9871, cRIO-9881, cRIO-9882, NI 9997, NI-XNET CAN HS/FD, NI-XNET CAN HS, NI-XNET LIN, NI-XNET CAN LS, NI-XNET CAN SW, NI-XNET CAN FD+PN. Products may also be referred to with one of the following interchangeable prefixes, "NI", "NI-", "cRIO-" or "cDAQ-".

Ratings:

cRIO-9201,
+/- 10V Working Voltage, 250V CAT II Channel to Earth

cRIO-9201 with DSUB,
+/- 10V Working Voltage, 60Vdc CAT I Channel to Earth

cRIO-9203,
+/- 20mA, 30V Working Voltage, 250V CAT II Channel to Earth Iso <=2000m Altitude, 60VDC CAT I, Channel to Earth Iso <= 5000m Altitude

cRIO-9205,
+/- 10V Measuring Voltage, +/- 30V Working Voltage, 250V CAT II Channel to Earth Iso <=2000m Altitude, 60VDC CAT I, Channel to Earth Iso <= 5000m Altitude

cRIO-9205 with DSUB,
+/- 10v Measuring Voltage, +/- 30V Working Voltage, 60VDC CAT I Channel to Earth <= 5000 m Altitude

NI 9207
+/- 10Vdc Measurement Voltage, +/- 21.5mA Measurement Current,
+/- 30 V Working Voltage, 250 Vrms CAT II Channel to Earth <= 5000m Altitude

cRIO-9207 with DSUB,
20mA per channel, 60Vdc Channel to Earth, CAT I

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NI 9208

+/- 21.5mA Measurement Current, +/- 30 V Working Voltage, 250 Vrms CAT II Channel to Earth <= 4000m Altitude

cRIO-9208 with DSUB,

20mA per channel, 10V per channel, 60Vdc Channel to Earth, CAT I

NI 9209

+/- 10 Vdc Measurement Voltage, +/- 30 V Working Voltage, 250 Vrms CAT II Channel to Earth <= 5000m Altitude

NI 9209 with DSUB

+/- 10 Vdc Measurement Voltage, +/- 30 V Working Voltage, 60 Vdc CAT I Channel to Earth, 1000 Vrms withstand <= 3000m Altitude, 860 Vrms withstand <= 5000m altitude

NI 9210 with mini TC

+/- 80mVdc Measurement Voltage, +/- 30 V Working Voltage, 60 Vdc CAT I Channel to Earth <= 5000m Altitude

cRIO-9211,

60Vdc Working Voltage, 250V CAT II Channel to Earth Iso <= 2000m Altitude, 60Vdc CAT I, Channel to Earth Iso <= 5000m Altitude

NI 9212,

+/- 78mV Working Voltage, 250V CAT II Channel to Earth, Channel to Channel Iso <=2000m Altitude, 60VDC CAT I, Channel to Earth, Channel to Channel Iso <= 5000m Altitude

TB-9212,

250V CAT II Channel to Earth, Channel to Channel Iso <=2000m Altitude, 60VDC CAT I, Channel to Earth, Channel to Channel Iso <= 5000m Altitude

cRIO-9213,

+/- 78mV Working Voltage, 250V CAT II Channel to Earth Iso <=2000m Altitude, 60VDC CAT I, Channel to Earth Iso <= 5000m Altitude

cRIO-9214,

250V Channel to Earth, CAT II

NI TB 9214,

250V Channel to Earth, CAT II

cRIO-9215,

+/- 30V Working Voltage, 250V CAT II Channel to Earth

cRIO-9215 with BNC,

+/- 30V Working Voltage, 60V CAT I Channel to Earth

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NI 9216,
+/- 30 V Working Voltage, 250 V CAT II Channel to Earth <= 5000m Altitude

cRIO-9217,
+/- 30V Working Voltage, 250V CAT II Channel to Earth Iso <=2000m Altitude, 60VDC CAT I, Channel to Earth Iso <= 5000m Altitude

NI 9218
30Vdc, Vsup Input, 60Vdc CAT I Channel to Earth, 60Vdc CAT I, Ch-to-Ch Isolation. <= 5000m Altitude

NI 9218 with DSUB,
9-30Vdc, Vsup Input, 60Vdc CAT I Channel to Earth, <= 5000m Altitude

cRIO-9219,
4-Ch Universal Input, 250V CAT II Channel to Channel, 250V CAT II Channel to Earth

NI 9220
+/- 10V Working Voltage, 250V CAT II Channel to Earth Iso <= 2000m altitude, 60 Vdc CAT I, Channel to Earth Iso <=5000m altitude

NI 9220 with DSUB,
+/- 10V Working Voltage, 60 VDC CAT I, Channel to Earth Iso <= 5000m Altitude

cRIO-9221,
+/- 60V Working Voltage, 250V Channel to Earth

cRIO-9221 with DSUB,
+/- 60V Working Voltage, 60Vdc CAT I Channel to Earth

cRIO-9222,
60Vdc Channel to Earth, 60 Vdc Channel to Channel, CAT I

NI 9222 with BNC,
60Vdc Channel to Earth, 60 Vdc Channel to Channel, CAT I, <= 5000m Altitude

cRIO-9223,
60Vdc Channel to Earth, 60 Vdc Channel to Channel, CAT I

NI 9223 with BNC,
60Vdc Channel to Earth, 60 Vdc Channel to Channel, CAT I, <= 5000m Altitude

cRIO-9225,
300Vrms Working Voltage, 600Vrms CAT II Channel to Channel, 300 Vrms CAT II Channel to Earth

NI 9226,
+/- 30 V Working Voltage, 250 V CAT II Channel to Earth <= 5000m Altitude

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cRIO-9227,
5A Continuous, 300V CAT II Channel to Earth, 300V Channel to Channel

cRIO-9229,
+/- 60V Working Voltage, 250V CAT II Channel to Channel, 250V CAT II Channel to Earth

cRIO-9229 with BNC,
+/- 60V Working Voltage, 60V CAT I Channel to Channel, 60V Channel to Earth

NI 9230,
+/- 30 V Working Voltage, 60 Vdc CAT I Channel to Earth

NI 9232,
+/- 30V Working Voltage, 60VDC CAT I Channel to Earth

cRIO-9233,
+/- 5V Working Voltage, 30 V CAT I Channel to Earth

cRIO-9234,
+/- 5V Working Voltage, 30 Vdc CAT I <= 5000m altitude

cRIO-9235,
2Vdc Working Voltage, 60Vdc CAT I Channel to Earth, <= 5000 m Altitude

cRIO-9236,
3.3Vdc Working Voltage, 60Vdc CAT I Channel to Earth, <= 5000m altitude

cRIO-9237,
+/- 30V Working Voltage, 60VDC CAT I Channel to Earth, <= 5000m altitude

cRIO-9237 with DSUB,
3.3Vdc Working Voltage, 60Vdc CAT I Channel to Earth, <= 5000m altitude

NI-9238
0.3 Vdc or 0.5 Vdc Working Voltage, 250 V CAT II Channel to Earth and Channel to Channel <= 2000 m Altitude, 60 V CAT I Channel to Earth and Channel to Channel <= 5000 m Altitude

cRIO-9239,
+/- 10V Working Voltage, 250V CAT II Channel to Channel, 250V CAT II Channel to Earth

cRIO-9239 with BNC,
+/- 10V Working Voltage, 60V CAT I Channel to Channel, 60V CAT I Channel to Earth

NI-9242

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250 V Working Voltage, 250 V CAT III Channel to Earth <= 5000 m Altitude

NI-9244

400 Vrms L-N, 800 Vrms L-L Working Voltage, 400 V CAT III Channel to Earth <= 2000 m Altitude, 400 V CAT II or 300 V CAT III Channel to Earth <= 5000 m Altitude

NI 9260 with BNC

±3Vrms output, 7mA <= 5000m Altitude

NI 9260 miniXLR

±3Vrms output, 7mA <= 5000m Altitude

cRIO-9263,

+/- 10V Working Voltage, 250V CAT II Channel to Earth Iso <= 2000m Altitude, 60 VDC CAT I, Channel to Earth Iso <= 5000m Altitude

cRIO-9264,

+/- 10V Working Voltage, 250V CAT II Channel to Earth, 10 V CAT I Channel to COM

cRIO-9264 with DSUB,

+/- 10V Working Voltage, 60Vdc CAT I Channel to Earth <= 5000 m Altitude

cRIO-9265,

20mA Output, +/- 36Vdc Working Voltage, 250V CAT II Channel to Earth Iso <=2000m Altitude, 60VDC CAT I, Channel to Earth Iso <= 5000m Altitude

cRIO-9269,

+/- 10V Working Voltage, 250V CAT II Channel to Earth, 250V Channel to Channel

NI 9344

[5V Internal] <= 5000m Altitude

cRIO-9375,

30Vdc Vsup to Common and Channel to Common, 60Vdc DI to DO, 60Vdc CAT I, Channel to Earth, <=3000M altitude, 60Vdc CAT I, 860 V withstand, >= 5000m altitude

cRIO-9375 with DSUB,

30Vdc Vsup to Common and Channel to Common, 60Vdc DI to DO, 60Vdc CAT I, Channel to Earth, 1000 V withstand, <=3000 m altitude, 60Vdc CAT I, 860 V withstand, <= 5000m altitude

NI 9381 with IDC,

0-5V Working Voltage

NI 9381 with DSUB,

0-5V Working Voltage

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cRIO-9401,
+/- 30V Working Voltage, 60V CAT I Channel to Earth

cRIO-9402,
+/- 5Vdc Working Voltage

cRIO-9403 with DSUB,
5Vdc Working Voltage, 60Vdc CAT I Channel to Earth, 1000 V withstand <=3000m Altitude, 60VDC CAT I, 860 V withstand <= 5000m Altitude

cRIO-9411,
30V Working Voltage, 30V CAT I Channel to Earth

cRIO-9421,
30V Working Voltage, 250V CAT II Channel to Earth

cRIO-9421 with DSUB,
30V working Voltage, 60Vdc CAT I Channel to Earth

cRIO-9422,
+/- 60V Working Voltage, 250V CAT II Channel to Channel, 250V CAT II Channel to Earth

cRIO-9423,
30V Working Voltage, 250V CAT II Channel to Earth

cRIO-9425 with DSUB,
60Vdc Working Voltage, 60Vdc CAT I, Channel to Earth

cRIO-9426 with DSUB,
30V Working Voltage, 60Vdc CAT I Channel to Earth

cRIO-9435,
250V Working Voltage, 250V CAT II Channel to Earth

NI 9437,
300Vac/dc Working Voltage, 300V CAT II Channel to Earth <= 5000 m Altitude

cRIO-9467,
Antenna output 5Vdc, 30mA

NI 9469,
-1.4V -3.8V Working Voltage

cRIO-9472,
30V Working Voltage, 0.75A per Channel, 250V CAT II Channel to Earth

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cRIO-9472 with DSUB,
30V Working Voltage, 0.75A per Channel, 60V CAT I Channel to Earth

cRIO-9474,
30V Working Voltage, 1.0A per Channel, 250V CAT II Channel to Earth

cRIO-9475 with DSUB,
60Vdc Working Voltage, 60Vdc CAT I, Channel to Earth

cRIO-9476 with DSUB,
36V Working Voltage 0.250 A per Channel, 60 Vdc CAT I Channel to Earth

cRIO-9477,
+/- 60V Working Voltage, 60Vdc CAT I Channel to Earth

cRIO-9478 with DSUB,
+/- 50Vdc Working Voltage, 60Vdc CAT I Channel to Earth

NI 9481,
30Vdc, 2A or 60Vdc, 1A, 250Vac, 2A per Channel 250V CAT II Channel to Earth

NI 9482,
30 Vdc, 1.5A; 60 Vdc, 1A; 250 Vrms, 2.5A Working Voltages, 250 V CAT II Channel to Earth, Channel to Channel 5,000m Altitude

cRIO-9485,
+/- 60Vdc Working Voltage, 250V CAT II Channel to Channel, 250V CAT II Channel to Earth, <=2000m Altitude, 60VDC CAT I, 1000 V withstand <= 5000m Altitude

cRIO-9501,
9-30Vdc Working Voltage, 3A, 60Vdc CAT I Channel to Earth

NI 9502,
9-30Vdc Working Voltage, 4A, 60Vdc CAT I Channel to Earth

NI 9503,
9-30Vdc Working Voltage, 3A, 60Vdc CAT I Channel to Earth

cRIO-9505,
8 - 30Vdc Working Voltage, 1A Continuous, 6A Peak, up to 70°C, 5A Continuous, 12A Peak, up to 55°C, 60Vdc CAT I Channel to Earth

cRIO-9512,
30 Vdc CAT I Signal to Earth <= 5000 m Altitude

cRIO-9514,

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30 Vdc CAT I Signal to Earth <= 5000 m Altitude

cRIO-9516,
30 Vdc CAT I Signal to Earth <= 5000 m Altitude

NI 9775
+/- 10 Vdc Measurement Voltage, +/- 30 V Working Voltage, Non-Isolated Module <= 5000m Altitude

NI 9795,
N/A

cRIO-9802,
N/A

cRIO-9852,
-27Vdc to +40Vdc Working Voltage, 60Vdc CAT I Port to Earth, Port to Port

cRIO-9853,
-27Vdc to +40Vdc Working Voltage, 60Vdc CAT I Port to Earth, Port to Port

NI 9860/2,
9-30Vdc, 1.6W

NI 9861,
9-30Vdc - Vsup, 60Vdc CAT I Port-to-Earth

cRIO-9862,
9-30Vdc - Vsup, 60Vdc CAT I Port to Earth

NI 9866,
8-18Vdc - Vsup, 60Vdc CAT I Channel to Earth

cRIO-9870,
+/- 25V Working Voltage, 60Vdc CAT I Channel to Earth

cRIO-9871,
-8Vdc to +13Vdc Working Voltage, 60Vdc CAT I Channel to Earth

cRIO-9881,
9-30Vdc - Vsup, 60Vdc CAT I Channel to Earth, 1000 V withstand <=3000m Altitude, 60VDC CAT I, 860 V withstand <= 5000m Altitude

cRIO-9882
9-30Vdc - Vsup, 60Vdc CAT I Channel to Earth

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NI-XNET CAN HS/FD, NI-XNET CAN HS, NI-XNET LIN, NI-XNET CAN LS, NI-XNET CAN SW, NI-XNET CAN FD+PN
5Vdc, 60Vdc CAT I Channel to Earth

NI 9997

300V CAT II Channel to Channel, Channel to Earth, 11A <= 3000m Altitude

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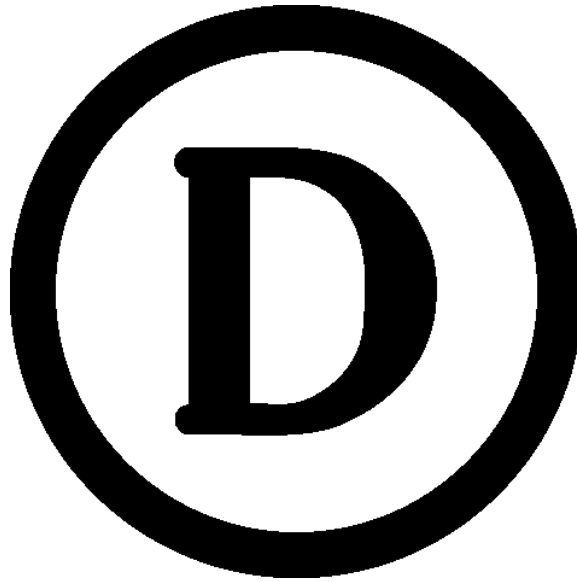
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Certification Mark D-Mark

The D-Mark, as displayed below, shall appear on certified products only. Except as specified below the Mark shall be legible and no Minimum size is specified.



The size of the Mark may be reduced or enlarged on the condition that it remains readable and that the proportions of width and height are kept. The use of dark text for the D-Mark on light backgrounds and light text on dark backgrounds is permitted.

The D-Mark may appear on a label, nameplate, or may be cast, stamped or molded into the product. When appearing on a label or nameplate, the Manufacturer's name or trademark along with a model number are also required on that same label or nameplate. If cast, stamped or molded, the Certificate Manufacturer's name or trademark and model number shall also appear elsewhere on the product

When putting the product on the EU market, the manufacturer's name, trademark or mark of origin must be affixed in a clearly visible location and position on the product, on the package and in the user manual. It can be affixed by label, be directly imprinted, or cast or molded into the product.

Where the size of the product does not allow the Mark, the manufacturer's name, trademark, mark of origin and model number to be legible, and appearance on a label is not desired, it is allowed to cast, stamp or mold the Mark into the product, in a size which is not visible to the naked eye, provided the legible Mark, the manufacturer's name, trademark or mark of origin and model number appears on the package and in the user manual

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Alternate certification Mark for cables

As an alternative to the D-Mark specified above the alternate D-Mark, displayed below, can appear on certified cables only. Minimum size is not specified, as long as the mark is legible.

<DEMKO>

The alternate D-Mark may be cast, stamped or molded into the cable and continue throughout the length of the cable as specified in the applicable cable standard.

All content shall be in accordance with the details provided on this D-Mark Certificate.

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