

Certificate of Compliance

Certificate Number:

UL-US-2411779-2

Report Reference:

E196811-20240322

Issue Date:

2024-11-12

Issued to:

**PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany**

This certificate confirms that representative samples of:

NRAG - Programmable Controllers for Use in Hazardous Locations

See Addendum Page for Product Designation(s).

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

UL 121201, 9th Ed., Issue Date: 2017-09-15, Revision Date: 2021-04-01, UL 913, Edition 8, Issue Date 2013-12-06, Revision Date 2022-05-10

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 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 Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2411779-2
Report reference E196811-20240322
Date 2024-11-12

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
MINI MCR-EX, , followed by -NAM, followed by -T or -2T, followed by -_ or -PT, maybe followed by - and up to 2 alphanumeric characters denoting pre-configuration options.	Isolation Amplifiers
MINI MCR-EX, , followed by -NAM, followed by -RO, followed by -_ or -PT, maybe followed by - and up to 2 alphanumeric characters denoting pre-configuration options.	Isolation Amplifiers
-, MINI MCR-EX, , followed by -SD, followed by -16 or -20 or -21 or -23, followed by -25 or -38 or -48 or 50, followed by -LP or -LFD, maybe followed by -PT	Isolation Amplifiers
---, MINI MCR-EX, , followed by -RPSS, followed by -I, followed by -I, may be followed by -PT, maybe followed by -, may be followed by any combination of letters or numbers considered not safety relevant.	Isolation Amplifiers
--, MINI MCR-EX, , followed by -IDS, followed by -I, followed by -I, may be followed by -PT, maybe followed by -, may be followed by any combination of letters or numbers considered not safety relevant.	Isolation Amplifiers
----, MINI MCR-EX, , followed by -T, followed by -I, may be followed by -PT or -C, may be followed by - may be followed any combination of letters or numbers considered not safety relevant.	Isolation Amplifiers



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

Certificate of Compliance

Certificate Number:

UL-CA-2410070-2

Report Reference:

E196811-20240322

Issue Date:

2024-11-12

Issued to:

**PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany**

This certificate confirms that representative samples of:

**NRAG7 - Programmable Controllers for Use in Hazardous
Locations Certified for Canada**

See Addendum Page for Product Designation(s).

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

**CSA C22.2 NO. 213-17, 3rd Ed., Issue Date: 2017-09-15, Revision
Date: 2021-04-01, CSA C22.2 No. 60079-0, Edition 4, Issued 2019-
02-01, CSA C22.2 NO. 60079-11:14, 2nd Ed., Issue Date: 2014-02-
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 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 Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2410070-2
Report reference E196811-20240322
Date 2024-11-12

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
MINI MCR-EX, , followed by -NAM, followed by -T or -2T, followed by -_ or -PT, maybe followed by - and up to 2 alphanumeric characters denoting pre-configuration options.	Isolation Amplifiers
MINI MCR-EX, , followed by -NAM, followed by -RO, followed by -_ or -PT, maybe followed by - and up to 2 alphanumeric characters denoting pre-configuration options.	Isolation Amplifiers
-, MINI MCR-EX, , followed by -SD, followed by -16 or -20 or -21 or -23, followed by -25 or -38 or -48 or 50, followed by -LP or -LFD, maybe followed by -PT	Isolation Amplifiers
---, MINI MCR-EX, , followed by -RPSS, followed by -I, followed by -I, may be followed by -PT, maybe followed by -, may be followed by any combination of letters or numbers considered not safety relevant.	Isolation Amplifiers
--, MINI MCR-EX, , followed by -IDS, followed by -I, followed by -I, may be followed by -PT, maybe followed by -, may be followed by any combination of letters or numbers considered not safety relevant.	Isolation Amplifiers
----, MINI MCR-EX, , followed by -T, followed by -I, may be followed by -PT or -C, may be followed by - may be followed any combination of letters or numbers considered not safety relevant.	Isolation Amplifiers



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

Certificate of Compliance

Certificate Number:

UL-US-2411780-2

Report Reference:

E196811-20240322

Issue Date:

2024-11-12

Issued to:

**PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany**

This certificate confirms that representative samples of:

**NWGD - Programmable Controllers for Use in Zone Classified
Hazardous Locations**

See Addendum Page for Product Designation(s).

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

**UL 60079-11, 6th Ed., Issue Date: 2013-02-15, Revision Date:
2018-09-14, UL 60079-0, Edition: 7, Issue Date: 2019-3-26,
Revision Date: 2020-4-15, UL 60079-7, 5th Ed., Issue Date: 2017-
02-24, Revision Date: 2021-06-03**

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 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 Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2411780-2
Report reference E196811-20240322
Date 2024-11-12

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
MINI MCR-EX, , followed by -NAM, followed by -T or -2T, followed by -_ or -PT, maybe followed by - and up to 2 alphanumeric characters denoting pre-configuration options.	Isolation Amplifiers
MINI MCR-EX, , followed by -NAM, followed by -RO, followed by -_ or -PT, maybe followed by - and up to 2 alphanumeric characters denoting pre-configuration options.	Isolation Amplifiers
-, MINI MCR-EX, , followed by -SD, followed by -16 or -20 or -21 or -23, followed by -25 or -38 or -48 or 50, followed by -LP or -LFD, maybe followed by -PT	Isolation Amplifiers
---, MINI MCR-EX, , followed by -RPSS, followed by -I, followed by -I, may be followed by -PT, maybe followed by -, may be followed by any combination of letters or numbers considered not safety relevant.	Isolation Amplifiers
--, MINI MCR-EX, , followed by -IDS, followed by -I, followed by -I, may be followed by -PT, maybe followed by -, may be followed by any combination of letters or numbers considered not safety relevant.	Isolation Amplifiers
----, MINI MCR-EX, , followed by -T, followed by -I, may be followed by -PT or -C, may be followed by - may be followed any combination of letters or numbers considered not safety relevant.	Isolation Amplifiers



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

Certificate of Compliance

Certificate Number:

UL-CA-2410071-2

Report Reference:

E196811-20240322

Issue Date:

2024-11-12

Issued to:

**PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstrasse 8 Blomberg 32825
Germany**

This certificate confirms that representative samples of:

**NWGD7 - Programmable Controllers for Use in Zone Classified
Hazardous Locations Certified for Canada**

See Addendum Page for Product Designation(s).

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

**CSA C22.2 NO. 60079-11:14, 2nd Ed., Issue Date: 2014-02-01,
CSA C22.2 NO. 60079-7:16, 2nd Ed., Issue Date: 2016-10-01, CSA
C22.2 No. 60079-0, Edition 4, Issued 2019-02-01**

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 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 Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2410071-2
Report reference E196811-20240322
Date 2024-11-12

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
MINI MCR-EX, , followed by -NAM, followed by -T or -2T, followed by -_ or -PT, maybe followed by - and up to 2 alphanumeric characters denoting pre-configuration options.	Isolation Amplifiers
MINI MCR-EX, , followed by -NAM, followed by -RO, followed by -_ or -PT, maybe followed by - and up to 2 alphanumeric characters denoting pre-configuration options.	Isolation Amplifiers
-, MINI MCR-EX, , followed by -SD, followed by -16 or -20 or -21 or -23, followed by -25 or -38 or -48 or 50, followed by -LP or -LFD, maybe followed by -PT	Isolation Amplifiers
---, MINI MCR-EX, , followed by -RPSS, followed by -I, followed by -I, may be followed by -PT, maybe followed by -, may be followed by any combination of letters or numbers considered not safety relevant.	Isolation Amplifiers
--, MINI MCR-EX, , followed by -IDS, followed by -I, followed by -I, may be followed by -PT, maybe followed by -, may be followed by any combination of letters or numbers considered not safety relevant.	Isolation Amplifiers
----, MINI MCR-EX, , followed by -T, followed by -I, may be followed by -PT or -C, may be followed by - may be followed any combination of letters or numbers considered not safety relevant.	Isolation Amplifiers



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.