

Certificate of Compliance

Certificate Number:

UL-US-L155370-13-
90501102-6

Report Reference:

E155370-20110509

Issue Date:

2024-10-21

Issued to:

**ABB Electrification Sweden AB, Motor Starting & Safety
Motorgrand 20 Vasteras 721 61
Sweden**

This certificate confirms that representative samples of:
NRGU - Protective Relays

See Addendum Page for Product Designation(s).

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

**UL 508, 18th Ed., Issue Date: 2018-03-30, IEEE C37.90, 1st Ed.,
Issue Date: 2005-09-22, IEEE C37.90.1, Issue Date: 2012-09-17,
UL 508, 18th Ed., Issue Date: 2018-03-30**

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 that reads '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-L155370-13-90501102-6
Report reference E155370-20110509
Date 2024-10-21

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 |
|--|--|
| 1SFA664001R1001, Type design TVOC-2-240 | Open types, arc monitors |
| 1SFA664001R1002, Type design TVOC-2-48 | Open types, arc monitors |
| 1SFA664001R1003, Type design TVOC-2-240-C | Open types, arc monitors |
| 1SFA664001R1004, Type design TVOC-2-48-C | Open types, arc monitors |
| 1SFA664001R4001, Type design TVOC-2-COM | Open types, human interface with communication ports |
| 1SFA664002R1001, Type design TVOC-2-E1 | Open types, extension optical inputs |
| 1SFA664002R1005, Type design TVOC-2-H1 | Open types, human interfaces |
| 1SFA664002R3001, Type design TVOC-2-E3 | Open types, extension optical inputs |
| 1SFA664002R6001, Type design TVOC-2-E6-S | Open types, extension optical inputs |
| 1SFA664003R* | Open types, detectors |
| 1SFA664003R2 followed by three digits, Type design: TVOC-2-DPxx-S where xx indicates cable length in meters. | Open types, detectors |
| 1SFA664004R* | Open types, optic cables |
| CSU-2-LV | Current Sensing Units |
| CSU-2-MV | Protective Relays |
| TVOC-2-DP, followed by digit(s) to indicate cable length in meters. | Open types, detectors |
| TVOC-2-OP, followed by digit(s) to indicate cable length in meters. | Open types, optic cables |



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Certificate of Compliance

Certificate Number:

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90501102-6

Report Reference:

E155370-20110509

Issue Date:

2024-10-21

Issued to:

**ABB Electrification Sweden AB, Motor Starting & Safety
Motorgrand 20 Vasteras 721 61
Sweden**

This certificate confirms that representative samples of:

NRGU7 - Protective Relays 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.

**IEEE C37.90, 1st Ed., Issue Date: 2005-09-22, IEEE C37.90.1,
Issue Date: 2012-09-17, CSA C22.2 No. 14, Edition 13, Issue Date
2018-03, Revision Date 2022-06**

Additional Information:

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| 1SFA664001R1002, Type design TVOC-2-48 | Open types, arc monitors |
| 1SFA664001R1003, Type design TVOC-2-240-C | Open types, arc monitors |
| 1SFA664001R1004, Type design TVOC-2-48-C | Open types, arc monitors |
| 1SFA664001R4001, Type design TVOC-2-COM | Open types, human interface with communication ports |
| 1SFA664002R1001, Type design TVOC-2-E1 | Open types, extension optical inputs |
| 1SFA664002R1005, Type design TVOC-2-H1 | Open types, human interfaces |
| 1SFA664002R3001, Type design TVOC-2-E3 | Open types, extension optical inputs |
| 1SFA664002R6001, Type design TVOC-2-E6-S | Open types, extension optical inputs |
| 1SFA664003R* | Open types, detectors |
| 1SFA664003R2 followed by three digits, Type design: TVOC-2-DPxx-S where xx indicates cable length in meters. | Open types, detectors |
| 1SFA664004R* | Open types, optic cables |
| CSU-2-LV | Current Sensing Units |
| CSU-2-MV | Protective Relays |
| TVOC-2-DP, followed by digit(s) to indicate cable length in meters. | Open types, detectors |
| TVOC-2-OP, followed by digit(s) to indicate cable length in meters. | Open types, optic cables |



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