



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx ULD 25.0004X	Page 1 of 3	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2025-03-24		
Applicant:	Phoenix Contact GmbH & Co. KG. Flachsmarktstraße 8 Blomberg 32825 Germany		
Equipment:	Programmable Logic Controllers, AXC F 3152		
Optional accessory:			
Type of Protection:	Increased Safety "ec"		
Marking:	Ex ec IIC T4 Gc -25°C ≤ T _a ≤ +60°C		

Approved for issue on behalf of the IECEx
Certification Body:

Katy A. Holdredge

Position:

Senior Staff Engineer

Signature:
(for printed version)

Date:
(for printed version)

2025-03-24

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

UL Solutions (Demko)
Borupvang 5A
Ballerup DK-2750
Denmark





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Date of issue: 2025-03-24

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Manufacturer: **Phoenix Contact GmbH & Co. KG.**
Flachsmarktstraße 8
Blomberg 32825
Germany

Manufacturing
locations: **PHOENIX CONTACT GmbH & Co.KG**
Dringenauer Straße 30
31812 Bad Pyrmont
Germany

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[DK/ULD/ExTR25.0004/00](#)

Quality Assessment Report:

[NL/DEK/QAR11.0009/10](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The open type AXC F 3152 is a modular controller that can be used for smaller and medium-sized applications. With three independent Ethernet interfaces. Complete with connector plug and bus base module.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The equipment shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1.
- The equipment shall be installed in an enclosure that provides a minimum ingress protection of IP 54 in accordance with IEC 60079-0.
- The maximum internal ambient temperature inside the end use enclosure needs to be determined in a distance of 25 mm from the device.

Annex:

[Annex to IECEx ULD 25.0004 Issue 0.pdf](#)

Annex to Certificate No.:

IECEx ULD 25.0004X

Issue No.: 0

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PARAMETERS RELATING TO THE SAFETY

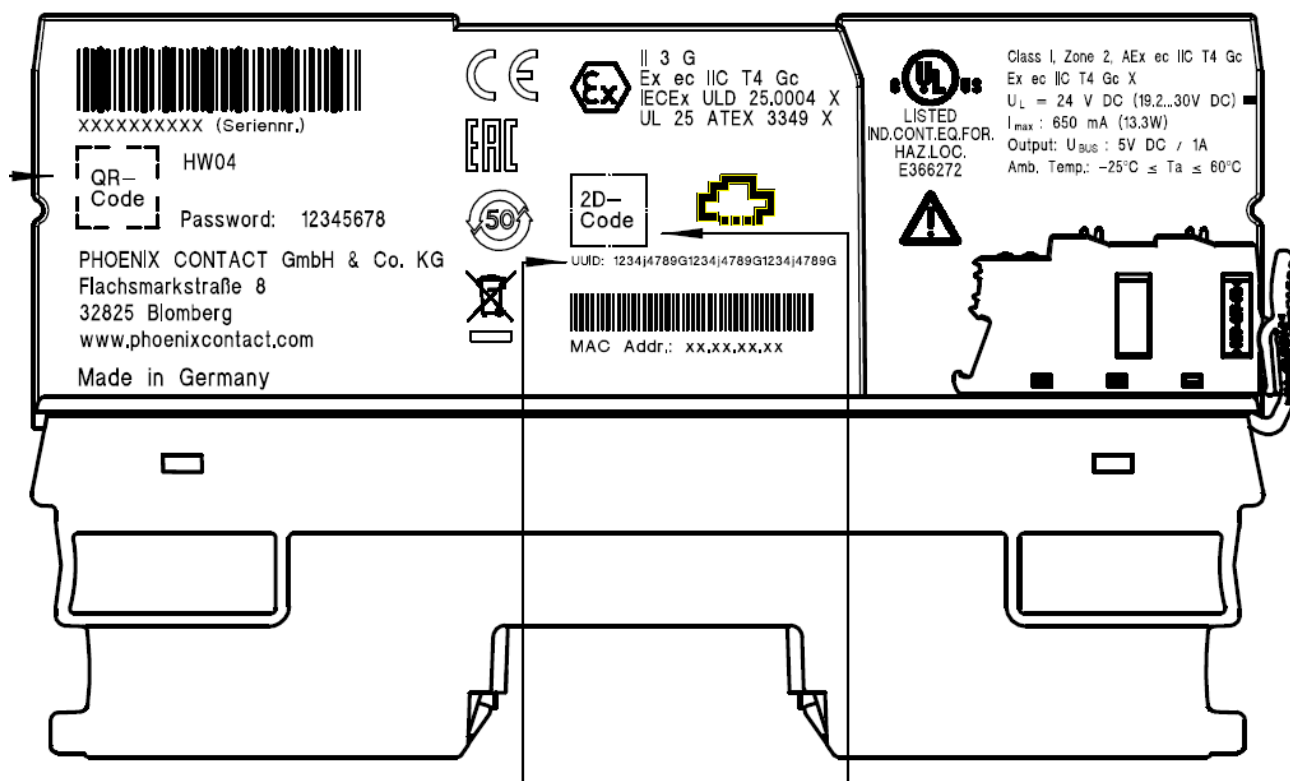
AXC F 3152

Input: U_L : 24 V DC (19.2 ... 30 V DC), 650mA, 13.3W

Output: U_{BUS} : 5 V DC, 1A

MARKING

Marking has to be readable and indelible; it has to include the following indications:



ROUTINE EXAMINATIONS AND TESTS

Each piece of equipment defined above has to have successfully passed; before delivery:

- According to IEC 60079-7 clause 7.1 in combination with clause 6.1 a dielectric strength test has to be carried out.