

EU-TYPE EXAMINATION CERTIFICATE



Component intended for use on/in Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

EU-Type Examination Certificate Number: **UL 23 ATEX 2986U Rev. 0**

Component: **Empty enclosure AX 92** .*****

Manufacturer: **Rittal GmbH + Co. KG**

Address: **Auf dem Stützelberg, 35745 Herborn Germany**

This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

UL International Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of the European Parliament and the Council, dated 26 February 2014, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to design and construction of components intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. **US/UL/ExTR23.0026/00.**

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0:2018
EN 60079-31:2014**

**EN IEC 60079-7:2015/A1:2018
IEC 60079-31, 3rd Edition (2022-01)**

The sign "U" is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

This EU-Type Examination Certificate relates only to the design and construction of the specified component. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.

The marking of the component shall include the following:

II 2 G Ex eb IIC Gb
 II 2 D Ex tb IIIC Db IP65

Certification Manager
Thomas Wilson

This is to certify that the sample(s) of the Component described herein ("Certified Component") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Product Certification Program Requirements. This certificate and test results obtained apply only to the component sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured component. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all products to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2023-07-05

Notified Body

UL International Demko A/S, Ballerup 5A, 2750 Ballerup, Denmark
Tel. +45 44 85 65 65, info.dk@ul.com, www.ul.com

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Schedule EU-TYPE EXAMINATION CERTIFICATE No. UL 23 ATEX 2986U Rev. 0

[15]

Description of Component:

Empty enclosure Type AX 92**.*** made of glass fiber reinforced polyester for stationary mounting.

Nomenclature:

TYPE	AX 9	2	**	***
	I	II	III	IV

I – Type

Empty housing : AX 9

II – Type series – 2

III – Enclosure Dimensions

** – two-digit number that indicates the dimensions

250 x 350 x 150 = 02

300 x 400 x 200 = 03

400 x 400 x 200 = 04

400 x 600 x 200 = 05

600 x 600 x 200 = 06

500 x 500 x 300 = 07

600 x 800 x 300 = 08

800 x 1000 x 300 = 09

IV – *** – three-digit number that indicates Variants without influence on the explosion protection

Temperature range

The service temperature range is -40° to +70°C.

Ratings

Ingress protection: IP65

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Descriptive Documents

The scheduled documents are listed in the report no. provided under item no. [8] on page 1 of this EU-Type Examination Certificate.

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Schedule of limitations:

- The devices were tested for a maximum service temperature of 70°C. The equipment shall not attain a temperature of more than 70°C in use.
- The electrical requirements need to be evaluated in the end use.

[18]

Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9

Additional information

The AX 92XX.YYY has in addition passed the tests for Ingress Protection to IP 65 in accordance with EN60529:1991+A1:2000+A2:2013.



The trademark

will be used as the company identifier on the marking label.

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.

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