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 EPS 24.0075X**

Certificate history:
Issue 0 (2025-04-01)

Status: **Current**

Issue No: 1

Date of Issue: 2025-12-09

Applicant: **BARTEC GmbH**
Max-Eyth-Str. 16
97980 Bad Mergentheim
Germany

Equipment: **Mobile Computer MC9400EX2 / MC9450EX2 B7-A2F*-****/********

Optional accessory:

Type of Protection: **Intrinsic safety "i", optical radiation "op is"**

Marking: **Type: B7-A2F3-****/******** (IIB Variant)**

Ex ic op is IIB T4 Gc

Ex ic op is IIIC T135°C Dc IP65

Type: B7-A2F5-**/******** (IIC Variant)**

Ex ic op is IIC T4 Gc

Ex ic op is IIIC T135°C Dc IP65

Approved for issue on behalf of the IECEx Certification Body: **Dr. Rainer Jany**

Position: **Manager Certification**

Signature:
(for printed version)

Date:
(for printed version)

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:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany

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Manufacturer: **BARTEC GmbH**
Max-Eyth-Straße 16
97980
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Manufacturing locations: **BARTEC GmbH**
Max-Eyth-Straße 16
97980
Bad Mergentheim
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 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

IEC 60079-28:2015 Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
Edition:2

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:

DE/EPS/ExTR24.0083/01

Quality Assessment Report:

DE/TUN/QAR06.0017/17

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The MC9400^{EX2} / MC9450^{EX2} is a portable mobile computer with barcode scanner. Among other things, it is equipped with a touch display, changeable keyboard, NFC reader and supports wireless networks such as WiFi 6E, 5G and Bluetooth 5.3. Power is provided by a user-rechargeable and replaceable battery pack. The scanning options include different types of 2D imagers, medium range (SE4770) or long range (SE5800).

Electrical data:

Battery powered: Standard Battery 3.6 V / 7000 mAh

Accessories for use in hazardous areas:

B7-A2Z0-0059/****	Standard Battery 3.6 V / 7000 mAh
B7-A2Z0-0060	Leather carry case with shoulder strap
B7-A2Z0-0071	Hand strap
B7-A2Z0-0096	Device holder
17-S1Z0-0008	Stylus
B7-A2Z0-0099	Screen protector
B7-A2Z0-0100	Leather handle cover
B7-A2Z0-0101	Leather carry case
B7-A2Z0-0102	Protective cover

Ambient temperature range:

-20 °C ≤ T_a ≤ +50 °C

SPECIFIC CONDITIONS OF USE: YES as shown below:

The battery pack shall be changed or charged only outside hazardous areas.

Only the battery pack type B7-A2Z0-0059/**** shall be used for MC9400^{EX2} / MC9450^{EX2}.

Connection and disconnection of all external ports, opening the enclosure, or replacing the battery pack while live is only permitted if the potentially explosive atmosphere is shown to be absent.

The equipment shall be protected from impacts with high impact energy and high electrostatic charge generating processes.

Type B7-A2F5-*1**/********:
In hazardous areas the screen protector type B7-A2Z0-0099 and the leather handle cover type B7-A2Z0-0100 shall be used.

Type B7-A2F5-*5**/********:
In hazardous areas the screen protector type B7-A2Z0-0099 and the leather handle cover type B7-A2Z0-0100 shall be used, as well as either the leather carry case type B7-A2Z0-0101 or alternatively the protective cover type B7-A2Z0-0102.

The manufacturer's safety instructions shall be respected strictly.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
Addition of Gas group IIC