



INSTRUCTION SHEET

For use in potentially explosive atmosphere

This document provides important information for permitted use of certified ATEX and IECEx M340-M580 modules in Ex zones 2 (gas).

Certified modules

Certified modules are listed on the ATEX certificate INERIS 14ATEX3025X, in the IECEx certificate IECEx INE14.0070X, and in the UKEX certificate CML 21UKEX3205X available on Schneider Electric website www.se.com.

Equipment categories (IEC/EN 60079-14)

- GAS Zone 2 Category 3G Gc equipment

Follow the special conditions below.



EXPLOSIVE POTENTIAL

- Do not disconnect any connectors (USB connectors, Sub-D connectors, terminal 2 points and 5 points of power supply module, field wiring terminal blocks BMXFTB*** and BMXFCA***, memory card) when energized.
- Securely lock any external interface connected to the modules.
- Install the modules only in an enclosure Category 3G or EPL Gc insuring a minimal ingress protection IP54 for use in zone 2.
The intended environment shall be not more than pollution degree 2 as defined in IEC 60664-1.
- The module will present an overheating of maximum 43K.
- Install the modules in an enclosure Category 3D or EPL Dc insuring a minimal ingress protection IP6X for use in zone 2.
- Do not open the enclosure when energized.
- Make sure that the maximum service temperature in the enclosure never exceeds 60 °C or 70 °C (check marking on modules).

Failure to follow these instructions will result in death or serious injury.

Additional information

Install the M340-M580 modules according to the M340-M580 user manual.

Further information

For further and detailed information, refer to the ATEX-IECEx instruction guide HRB32440 and other documents supplied with the power supply modules certified ATEX and IECEx.

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

Marking on modules

Schneider Electric
F-06516 Carros



IECEx INE14.0070X
Ex ec nC IIC T4 Gc
II 3 G
INERIS 14ATEX3025X
CML 21UKEX3205X

Tamb.: 0°C to +60°C or
Tamb.: -25°C to +60°C or
Tamb.: -25°C to +70°C

WARNING – Do not disconnect while circuit is live unless area is known to be non-hazardous

This original document is in English. Contact your local Schneider Electric support for translation www.se.com/contact.



DÉCLARATION UE DE CONFORMITÉ

Pour modules destinés à être utilisés en atmosphères explosibles

Nous : Schneider Electric
8^{ème} rue, ZI Carros
F- 06516 Carros cedex

Déclarons que les modules

Marque : Schneider Electric
Nom : Modicon M340 et M580
Type : Automate Programmable Industriel
Modèles : BMX..., BME..., suivi de lettres et de chiffres
décrits dans l'attestation INERIS 14ATEX3025X

répondent de par leur conception et leur construction, aux exigences des Directives européennes et normes applicables :

Directive(s) :	Norme(s) :
Directive ATEX	2014/34/UE
	- EN 60079-7:2015/A1:2018
	- EN 60079-15:2010

sous réserve d'installation, d'entretien et d'utilisation conformes à sa destination, à la réglementation, aux normes en vigueur, aux instructions du constructeur et aux règles de l'art.

Marquage : II 3 G Ex ec nC IIC T4 Gc
Tamb.: 0°C to +60°C ou -25°C to +60°C ou -25°C to +70°C

Attestation d'examen de type : INERIS 14ATEX3025X

Délivré par : INERIS
Parc Technologique Alata
F- 60550 Verneuil en Halatte



EU DECLARATION OF CONFORMITY

For modules intended to be used in potentially explosive atmosphere

We: Schneider Electric
8^{ème} rue, ZI Carros
F- 06516 Carros cedex

hereby declare that the modules

Mark: Schneider Electric
Name: Modicon M340 and M580
Type: Industrial Programmable Controller
Models: BMX..., BME..., followed by letters and numbers
defined in certificate INERIS 14ATEX3025X

which, through their design and construction, meet the requirements of the European Directives and applicable standards:

Directive(s):	Standard(s):
ATEX directive	2014/34/EU
	- EN 60079-7:2015/A1:2018
	- EN 60079-15:2010

subject to correct installation, maintenance and use conforming to its intended purpose, to the applicable regulations and standards, to the supplier's instructions and to the states of art.

Marking : II 3 G Ex ec nC IIC T4 Gc
Tamb.: 0°C to +60°C or -25°C to +60°C or -25°C to +70°C

Type examination certificate: INERIS 14ATEX3025X

Issued by: INERIS
Parc Technologique Alata
F- 60550 Verneuil en Halatte



UK DECLARATION OF CONFORMITY

For modules intended to be used in potentially explosive atmosphere

We: **Manufacturer**
Schneider Electric Industries SAS
35 rue Joseph Monier
Rueil Malmaison 92500 – France

UK Representative
Schneider Electric Limited
Stafford Park 5
Telford, TF3 3BL – United Kingdom

hereby declare that the modules

Mark: Schneider Electric
Name: Modicon M340 and M580
Type: Industrial Programmable Controller
Models: BMX..., BME..., followed by letters and numbers
defined in certificate CML 21UKEX3205X

which, through their design and construction, meet the requirements of the following regulations and designated standards:

Regulation(s):	Standard(s):
SI 2016 No. 1107	- BS EN IEC 60079-0:2018 - BS EN IEC 60079-7:2015/A1:2018 - BS EN 60079-15:2010

subject to correct installation, maintenance and use conforming to its intended purpose, to the applicable regulations and standards, to the supplier's instructions and to the states of art.

Marking: II 3 G Ex ec nC IIC T4 Gc
Ta: 0°C to +60°C or -25°C to +60°C or -25°C to +70°C

Issued by: Eurofins E&E CML Limited
Ellesmere Port CH65 4LZ – UK

Importer: David Williams
VP Marketing UK&I
Zone UK & Ireland

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EU DECLARATION OF CONFORMITY

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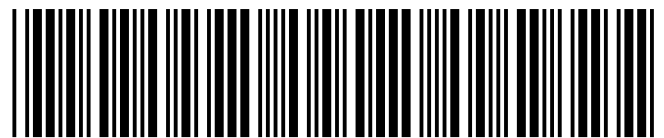
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Pour modules destinés à être utilisés en atmosphères explosibles

UK DECLARATION OF CONFORMITY

For modules intended to be used in potentially explosive atmosphere

05/2022



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