


## EU DECLARATION OF CONFORMITY

We: **Schneider Electric Industries SAS**  
**35 rue Joseph Monier**  
**F – 92506 Rueil Malmaison**



Declare under our sole responsibility that the products

Trademark: 

Name: Modicon M340 and M580 (ordinary and ruggedized offers)


Type: Industrial Programmable Controller

Models: BMX xxx, BME xxx, may be followed by C, T, H or NUC  
 (xxx are letters and numbers)

- C models: for harsh chemical and humid environments
- T models: for extreme climatic environments
- H models: for harsh chemical, humid and extreme climatic environments
- NUC models: for nuclear application.

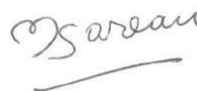
(See list of products next pages)

subject to installation, maintenance and use conforming to its(their) intended purpose, to the applicable regulations and standards, to the supplier's instructions and to the accepted rules of the art, are in conformity with the provisions of the following EU directive(s):

Directives	Harmonized Standards / Notified body
Low voltage directive <b>2014/35/EU</b>	<b>EN 61131-2 :2007</b> Programmable controllers – Part 2: Equipment requirements and tests
Electromagnetic compatibility (EMC) directive <b>2014/30/EU</b>	<b>EN 61131-2 :2007</b> Programmable controllers - Part 2: Equipment requirements and tests <b>EN 61000-6-4:2007/A1:2011</b> Generic standards - Emission standard for industrial environments <b>EN 61000-6-2:2005/AC:2005</b> Generic standards - Immunity standard for industrial environments
Equipment for explosive atmospheres (ATEX) directive <b>2014/34/EU</b>	<b>EN IEC 60079-0:2018</b> Explosive atmospheres - Equipment - General requirements <b>EN IEC 60079-7:2015/A1:2018</b> Explosive atmospheres - Equipment protection by increased safety "e" <b>EN 60079-15:2010</b> Explosive atmospheres - Equipment protection by increased safety "n"
	Type examination certificate <b>INERIS 14ATEX3025X</b>  II 3 G issued by INERIS - Parc Technologique Alata, 60550 Verneuil en Halatte, France (See certificate for ATEX models)

Issued at:  
 Schneider Electric, F-06516 Carros  
 February 25<sup>th</sup>, 2024

Authorised Signatory (\*):  
 Name: Samuel MAREAU  
 Digital factory - Manager Compliance & Certification



(\* ) Name and title of the signatory empowered to bind the manufacturer or his authorized representative.

### List of products for ordinary offer

Product / Model	Description
<b>Processors</b>	
BMED581020	Control Processor Unit (EAE)
BMXP341000	Control Processor Unit
BMXP342020	Control Processor Unit
BMXP342000	Control Processor Unit
BMXP3420102	Control Processor Unit
BMXP3420302	Control Processor Unit
BMXP34201TRB	Control Processor Unit
BMXP342010	Control Processor Unit
BMXP342030	Control Processor Unit
BMXP3420102CL	Control Processor Unit, cardless
BMXP3420302CL	Control Processor Unit, cardless
BMEP586040	Control Processor Unit
BMEP585040	Control Processor Unit
BMEP584040	Control Processor Unit
BMEP584020	Control Processor Unit
BMEP583040	Control Processor Unit
BMEP583020	Control Processor Unit
BMEP582040	Control Processor Unit
BMEP582020	Control Processor Unit
BMEP581020	Control Processor Unit
BMEH586040	Control Processor Unit Hot-Standby
BMEH584040	Control Processor Unit Hot-Standby
BMEH582040	Control Processor Unit Hot-Standby
BMEH584040K	Control Processor Unit Hot-Standby, bundle
BMEH582040K	Control Processor Unit Hot-Standby, bundle
<b>Power supplies</b>	
BMXCPS2000	AC Power Supply
BMXCPS3500	AC Power Supply
BMXCPS4002	AC Power Supply
BMXCPS2010	DC Power Supply
BMXCPS3020	DC Power Supply
BMXCPS4022	DC Power Supply
BMXCPS3522	DC Power Supply
<b>Racks</b>	
BMXXBP0400	Backplane, 4 slots
BMXXBP0600	Backplane, 6 slots
BMXXBP0800	Backplane, 8 slots
BMXXBP1200	Backplane, 12 slots
BMXXBP1600	Backplane, 16 slots
BMEXBP0400	Backplane, 4 slots
BMEXBP0602	Backplane, 6 slots, dual power supplies
BMEXBP0800	Backplane, 8 slots
BMEXBP1002	Backplane, 10 slots, dual power supplies
BMEXBP1200	Backplane, 12 slots
BMXXBE1000	Backplane extender module
BMXXBE2005	Backplane extender kit
<b>Discrete I/O modules</b>	
BMXDDO1602	16 * 24 Vdc output channels
BMXDDO1612	16 * 24 Vdc output channels
BMXDDO3202	32 * 24 Vdc output channels
BMXDDO3202K	32 * 24 Vdc output channels
BMXDDO6402K	64 * 24 Vdc output channels
BMXDRA0805	8 * relay output channels
BMXDRA0815	8 * relay output channels
BMXDRA1605	16 * relay output channels
BMXDRC0805	8 * relay output channels

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BMXDDI1602	16 * 24 Vdc input channels
BMXDDI1603	16 * 48 Vdc input channels
BMXDDI3202K	32 * 24 Vdc input channels
BMXDDI3203	32 * 48 Vdc input channels
BMXDDI3232	32 * 12/24 Vdc input channels
BMXDDI6402K	64 * 24 Vdc input channels
BMXDDM16022	8 * 24 Vdc input channels + 8 * 24 Vdc output channels
BMXDDM16025	16 * 24 Vdc input channels + 8 * relay output channels
BMXDDM3202K	16 * 24 Vdc input channels + 16 * 24 Vdc output channels
BMXDAI0805	8 * 200...240 Vac input channels
BMXDAI1602	16 * 24 Vac/Vdc input channels
BMXDAI1603	16 * 48 Vac input channels
BMXDAI1604	16 * 100... 120 Vac input channels
BMXDAI1614	16 * 100... 120 Vac input channels
BMXDAI16142	16 * 100... 120 Vac input channels
BMXDAI1615	16 * 200...240 Vac input channels
BMXDAI0814	8 * 100...120 Vac input channels
BMXDAO1605	16 * 100...240 Vac output channels
BMXDAO1615	16 * 24...240 Vac output channels
<b>Analog I/O modules</b>	
BMXAMI0410	4 * voltage/current analog input channels
BMXAMI0800	8 * voltage/current analog input channels
BMXAMI0810	8 * voltage/current analog input channels
BMXAMO0210	2 * voltage/current analog output channels
BMXAMO0410	4 * voltage/current analog output channels
BMXAMO0802	8 * current analog output channels
BMXAMM0600	4 * voltage/current analog input + 2 * voltage/current analog output channels
BMXART0414	4* thermocouple input channels
BMXART0814	8* thermocouple input channels
BMEAHI0812	8 * current analog input channels (HART)
BMEAHOO412	4 * current analog output channels (HART)
BMXEHC0200	Counting module, high speed 2Ch
BMXEHC0800	Counting module, high speed 8Ch
BMXMSP0200	PTO Motion module
BMXPRA0100	Peripheral Remote IO Adaptor
BMXEAE0300	SSI encoder interface
<b>Communication modules</b>	
BMXNOE0100	Communication module Ethernet
BMXNOE0110	Communication module Ethernet
BMXNOC0401	Communication module Ethernet
BMXNOC0402	Communication module Ethernet
BMENOC0301	Communication module Ethernet
BMENOC0311	Communication module Ethernet
BMENOC0321	Communication module Ethernet
BMENOS0300	Communication module Ethernet
BMENOP0300	Communication module Ethernet IEC61850
BMXNGD0100	Communication module Ethernet
BMXNOR0200	Communication module Ethernet
BMXEIA0100	Communication module AS-I
BMXNOM0200	Communication module RS485/232
BMXNRP0200	Communication module with optic fiber
BMXNRP0201	Communication module with optic fiber
BMXCRA31200	Communication module remote IO adapter
BMXCRA31210	Communication module remote IO adapter
BMECRA31210	Communication module remote IO adapter
BMECRA31310	Communication module remote IO adapter
BMECRD0100	Communication module remote IO adapter (EAE)
BMECXM0100	Communication module CANopen
BMXNUA0100	OPC UA module

### List of products for ruggedized offer

Product	Description
<b>Processors</b>	
BMED581020C	Control Processor Unit (EAE)
BMXP342020H	Control Processor Unit
BMXP341000H	Control Processor Unit
BMXP3420302H	Control Processor Unit
BMEP586040C	Control Processor Unit
BMEP585040C	Control Processor Unit
BMEP582040H	Control Processor Unit
BMEP582020H	Control Processor Unit
BMEP581020H	Control Processor Unit
BMEH586040C	Control Processor Unit Hot-Standby
BMEH584040C	Control Processor Unit Hot-Standby
BMEH582040C	Control Processor Unit Hot-Standby
<b>Power supplies</b>	
BMXCPS3020H	DC Power Supply
BMXCPS3500H	AC Power Supply
BMXCPS4002H	AC Power Supply
BMXCPS3540T	DC Power Supply
BMXCPS4022H	DC Power Supply
BMXCPS3522H	DC Power Supply
<b>Racks</b>	
BMXXBP0400H	Backplane, 4 slots
BMXXBP0600H	Backplane, 6 slots
BMXXBP0800H	Backplane, 8 slots
BMXXBP1200H	Backplane, 12 slots
BMXXBP1600H	Backplane, 16 slots
BMEXP0400H	Backplane, 4 slots
BMEXP0602H	Backplane, 6 slots, dual power supplies
BMEXP0800H	Backplane, 8 slots
BMEXP1002H	Backplane, 10 slots, dual power supplies
BMEXP1200H	Backplane, 12 slots
BMXXBE1000H	Backplane extender module
<b>Discrete I/O modules</b>	
BMXDDO1602H	16 * 24 Vdc output channels
BMXDDO1612H	16 * 24 Vdc output channels
BMXDDO3202KC	32 * 24 Vdc output channels
BMXDDO3202H	32 * 24 Vdc output channels
BMXDDO6402KC	64 * 24 Vdc output channels
BMXDRA0805H	8 * relay output channels
BMXDRA0815H	8 * relay output channels
BMXDRA1605H	16 * relay output channels
BMXDRA0804T	8 * relay output channels
BMXDRC0805H	8 * relay output channels
BMXDDI1602H	16 * 24 Vdc input channels
BMXDDI1603H	16 * 48 Vdc input channels
BMXDDI1604T	16 * 125 Vdc input channels
BMXDDI3202KH	32 * 24 Vdc input channels
BMXDDI3203H	32 * 48 Vdc input channels
BMXDDI3232H	32 * 12/24 Vdc input channels
BMXDDI6402KH	64 * 24 Vdc input channels
BMXDDM16022H	8 * 24 Vdc input channels + 8 * 24 Vdc output channels
BMXDDM16025H	16 * 24 Vdc input channels + 8 * relay output channels
BMXDAI1602H	16 * 24 Vac/Vdc input channels
BMXDAI1603H	16 * 48 Vac input channels
BMXDAI1604H	16 * 100...120 Vac input channels
BMXDAI1614H	16 * 100...120 Vac input channels
BMXDAI1615H	16 * 200...240 Vac input channels

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BMXDAO1605H	16 * 100...240 Vac output channels
BMXDAO1615H	16 * 24...240 Vac output channels
BMXAMI0410H	4 * voltage/current analog input channels
BMXAMI0810H	8 * voltage/current analog input channels
BMXAMO0210H	2 * voltage/current analog output channels
BMXAMO0410H	4 * voltage/current analog output channels
BMXAMO0802H	8 * current analog output channels
BMXAMM0600H	4 * voltage/current analog input + 2 * voltage/current analog output channels
BMXART0414H	4* thermocouple input channels
BMXART0814H	8* thermocouple input channels
BMEAHI0812H	8 * current analog input channels (HART)
BMEAHO0412C	4 * current analog output channels (HART)
<b>Special modules</b>	
BMXEHC0200H	Counting module, high speed 2 channels
BMXEHC0800H	Counting module, high speed 8 channels
BMXETM0200H	Frequency module, 2 channels
BMXEAE0300H	SSI encoder module
BMXERT1604T	Time stamping input module
BMXERT1604H	Time stamping input module
<b>Communication modules</b>	
BMXNOE0100H	Communication module Ethernet
BMXNOE0110H	Communication module Ethernet
BMXNOM0200H	Communication module RS485/232
BMXNOR0200H	RTU Communication module
BMENOR2200H	RTU Communication module
BMENOC0301C	Communication module Ethernet
BMENOC0311C	Communication module Ethernet
BMENOC0321C	Communication module Ethernet
BMENOS0300C	Communication module Ethernet
BMENOP0300C	Communication module Ethernet IEC61850
BMXNRP0200C	Communication module with optic fiber
BMXNRP0201C	Communication module with optic fiber
BMXCRA31210C	Communication module remote IO adapter
BMECRA31210C	Communication module remote IO adapter
BMECRA31310H	Communication module remote IO adapter
BMECRD0100C	Communication module remote IO adapter (EAE)
BMEECN0100H	Communication module remote IO adapter
BMECXM0100H	Communication module CANopen
BMXNUA0100H	OPC UA module

Accessories, cables, connectors, taps, memory cards (ABE7CPA..., BMXFCA..., BMXFCC..., BMXF CW..., BMXF TA..., BMXF TB..., BMXF TW..., BMXRMS..., BMXRWS..., BMXXBC..., BMXXCA..., BMXXEM..., BMXXSP..., BMXXTS..., 490NAC...) also tested with related products in a system configuration.

### **Technical documentation**

The manufacturer keeps for the European Union competent authorities the technical documentation in confidential file PHA8883700.