

## 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: **Schneider Electric**

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

Type: Industrial Programmable Controller

Models: BMX xxx, BME xxx, may be followed by C, T or H (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

(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):

2014/35/EU	Low Voltage Directive
2014/30/EU	EMC Directive
2012/19/EU	WEEE Directive

and that standards and/or technical specifications referenced overleaf have been applied.

### Harmonized standards

EN 61131-2:2007 ; EN 61000-6-4:2007/A1:2011 ; EN 61000-6-2:2005/AC:2005

### Other standards and/or technical specification

IEC 61131-2:2017 ; IEC 61010-2-201:2017 ; IEC 61000-6-2:2016

Issued at:  
 Schneider Electric, F-06516 Carros  
 January 23, 2022

Authorised Signatory (\*):  
 Name: Hakim GRIB  
 Digital Plant – Certification Director  
 Signature:



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

**List of products for ordinary offer**

Product / Model	Description	Date (*)
<b>Processors</b>		
BMED581020	Control Processor Unit	2020/05
BMXP341000	Control Processor Unit	2007/06
BMXP342020	Control Processor Unit	2007/06
BMXP342000	Control Processor Unit	2008/07
BMXP3420102	Control Processor Unit	2009/05
BMXP3420302	Control Processor Unit	2009/05
BMXP34201TRB	Control Processor Unit	2010/07
BMXP342010	Control Processor Unit	2011/01
BMXP342030	Control Processor Unit	2011/01
BMXP3420102CL	Control Processor Unit, cardless	2012/12
BMXP3420302CL	Control Processor Unit, cardless	2012/12
BMEP586040	Control Processor Unit	2016/01
BMEP585040	Control Processor Unit	2016/01
BMEP584040	Control Processor Unit	2013/11
BMEP584020	Control Processor Unit	2013/11
BMEP583040	Control Processor Unit	2013/11
BMEP583020	Control Processor Unit	2013/11
BMEP582040	Control Processor Unit	2013/11
BMEP582020	Control Processor Unit	2013/11
BMEP581020	Control Processor Unit	2013/11
BMEH586040	Control Processor Unit Hot-Standby	2016/01
BMEH584040	Control Processor Unit Hot-Standby	2016/01
BMEH582040	Control Processor Unit Hot-Standby	2016/01
BMEH584040K	Control Processor Unit Hot-Standby, bundle	2016/01
BMEH582040K	Control Processor Unit Hot-Standby, bundle	2016/01
<b>Power supplies</b>		
BMXCPS2000	AC Power Supply	2007/06
BMXCPS3500	AC Power Supply	2007/06
BMXCPS4002	AC Power Supply	2016/03
BMXCPS2010	DC Power Supply	2007/06
BMXCPS3020	DC Power Supply	2007/06
BMXCPS4022	DC Power Supply	2017/07
BMXCPS3522	DC Power Supply	2017/07
<b>Racks</b>		
BMXXBP0400	Backplane, 4 slots	2007/06
BMXXBP0600	Backplane, 6 slots	2007/06
BMXXBP0800	Backplane, 8 slots	2007/06
BMXXBP1200	Backplane, 12 slots	2007/06
BMEXBP0400	Backplane, 4 slots	2013/11
BMEXBP0602	Backplane, 6 slots, dual power supplies	2016/03
BMEXBP0800	Backplane, 8 slots	2013/11
BMEXBP1002	Backplane, 10 slots, dual power supplies	2016/03
BMEXBP1200	Backplane, 12 slots	2013/11
BMXXBE1000	Backplane extender module	2008/07
BMXXBE2005	Backplane extender kit	2008/07 (**)
<b>Discrete I/O modules</b>		
BMXDDO1602	16 * 24 Vdc output channels	2007/06
BMXDDO1612	16 * 24 Vdc output channels	2008/03
BMXDDO3202K	32 * 24 Vdc output channels	2007/06
BMXDDO6402K	64 * 24 Vdc output channels	2007/06
BMXDRA0805	8 * relay output channels	2007/06
BMXDRA0815	8 * relay output channels	2018/06
BMXDRA1605	16 * relay output channels	2007/06
BMXDRC0805	8 * relay output channels	2018/06
BMXDDI1602	16 * 24 Vdc input channels	2007/06
BMXDDI1603	16 * 48 Vdc input channels	2008/03
BMXDDI3202K	32 * 24 Vdc input channels	2007/06

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BMXDDI3203	32 * 48 Vdc input channels	2020/11
BMXDDI3232	32 * 12/24 Vdc input channels	2020/11
BMXDDI6402K	64 * 24 Vdc input channels	2007/06
BMXDDM16022	8 * 24 Vdc input channels + 8 * 24 Vdc output channels	2007/06
BMXDDM16025	16 * 24 Vdc input channels + 8 * relay output channels	2007/06
BMXDDM3202K	16 * 24 Vdc input channels + 16 * 24 Vdc output channels	2007/06
BMXDAI0805	8 * 200...240 Vac input channels	2010/05
BMXDAI1602	16 * 24 Vac/Vdc input channels	2008/03
BMXDAI1603	16 * 48 Vac input channels	2008/03
BMXDAI1604	16 * 100...120 Vac input channels	2007/06
BMXDAI1614	16 * 100...120 Vac input channels	2018/06
BMXDAI16142	16 * 100...120 Vac input channels	2020/11
BMXDAI1615	16 * 200...240 Vac input channels	2018/06
BMXDAI0814	8 * 100...120 Vac input channels	2013/11
BMXDAO1605	16 * 100...240 Vac output channels	2008/04
BMXDAO1615	16 * 24...240 Vac output channels	2018/09
<b>Analog I/O modules</b>		
BMXAMI0410	4 * voltage/current analog input channels	2007/06
BMXAMI0800	8 * voltage/current analog input channels	2010/05
BMXAMI0810	8 * voltage/current analog input channels	2010/05
BMXAMO0210	2 * voltage/current analog output channels	2007/06
BMXAMO0410	4 * voltage/current analog output channels	2010/05
BMXAMO0802	8 * current analog output channels	2010/05
BMXAMM0600	4 * voltage/current analog input + 2 * voltage/current analog output channels	2008/05
BMXART0414	4* thermocouple input channels	2007/06
BMXART0814	8* thermocouple input channels	2008/03
BMEAHI0812	8 * current analog input channels (HART)	2014/02
BMEAHO0412	4 * current analog output channels (HART)	2014/02
<b>Special modules</b>		
BMXEHC0200	Counting module, high speed 2Ch	2007/06
BMXEHC0800	Counting module, high speed 8Ch	2007/06
BMXMSP0200	PTO Motion module	2008/08 (**)
BMXPRA0100	Peripheral Remote IO Adaptor	2009/07 (**)
BMXEAE0300	SSI encoder interface	2010/01
<b>Communication modules</b>		
BMXNOE0100	Communication module Ethernet	2007/06
BMXNOE0110	Communication module Ethernet	2008/03
BMXNOC0401	Communication module Ethernet	2010/07 (**)
BMXNOC0402	Communication module Ethernet	2013/11
BMENOC0301	Communication module Ethernet	2015/02
BMENOC0311	Communication module Ethernet	2015/02
BMENOC0321	Communication module Ethernet	2016/07
BMENOS0300	Communication module Ethernet	2016/07
BMENOP0300	Communication module Ethernet IEC61850	2017/04
BMXNGD0100	Communication module Ethernet	2016/03
BMXNOR0200	Communication module Ethernet	2013/11
BMXEIA0100	Communication module AS-I	2009/05 (**)
BMXNOM0200	Communication module RS485/232	2009/06
BMXNRP0200	Communication module with optic fiber	2012/09
BMXNRP0201	Communication module with optic fiber	2012/09
BMXCRA31200	Communication module remote IO adapter	2012/09
BMXCRA31210	Communication module remote IO adapter	2012/09
BMECRA31210	Communication module remote IO adapter	2013/11
BMECRA31310	Communication module remote IO adapter	2022/01
BMECXM0100	Communication module CANopen	2016/10
BMXNUA0100	OPC UA module	2019/11

**List of products for ruggedized offer**

Product	Description	Date (*)
<b>Processors</b>		
BMED581020C	Control Processor Unit	2020/05
BMXP342020H	Control Processor Unit	2009/03 (**)
BMXP341000H	Control Processor Unit	2012/01 (**)
BMXP3420302H	Control Processor Unit	2009/12 (**)
BMEP586040C	Control Processor Unit	2016/01 (**)
BMEP585040C	Control Processor Unit	2016/01 (**)
BMEP582040H	Control Processor Unit	2014/02 (**)
BMEP582020H	Control Processor Unit	2014/02 (**)
BMEP581020H	Control Processor Unit	2014/02 (**)
BMEH586040C	Control Processor Unit Hot-Standby	2016/01 (**)
BMEH584040C	Control Processor Unit Hot-Standby	2016/01 (**)
BMEH582040C	Control Processor Unit Hot-Standby	2016/01 (**)
<b>Power supplies</b>		
BMXCPS3020H	DC Power Supply	2009/03 (**)
BMXCPS3500H	AC Power Supply	2009/03
BMXCPS4002H	AC Power Supply	2016/03
BMXCPS3540T	DC Power Supply	2010/05
BMXCPS4022H	DC Power Supply	2017/07 (**)
BMXCPS3522H	DC Power Supply	2017/07
<b>Racks</b>		
BMXXBP0400H	Backplane, 4 slots	2009/03 (**)
BMXXBP0600H	Backplane, 6 slots	2009/03 (**)
BMXXBP0800H	Backplane, 8 slots	2009/03 (**)
BMXXBP1200H	Backplane, 12 slots	2013/06 (**)
BMEXBP0400H	Backplane, 4 slots	2014/02 (**)
BMEXBP0602H	Backplane, 6 slots, dual power supplies	2016/03 (**)
BMEXBP0800H	Backplane, 8 slots	2014/02 (**)
BMEXBP1002H	Backplane, 10 slots, dual power supplies	2016/03 (**)
BMEXBP1200H	Backplane, 12 slots	2014/02 (**)
BMXXBE1000H	Backplane extender module	2009/03 (**)
<b>Discrete I/O modules</b>		
BMXDDO1602H	16 * 24 Vdc output channels	2009/03 (**)
BMXDDO1612H	16 * 24 Vdc output channels	2009/12 (**)
BMXDDO3202KC	32 * 24 Vdc output channels	2016/01 (**)
BMXDDO6402KC	64 * 24 Vdc output channels	2016/01 (**)
BMXDRA0805H	8 * relay output channels	2009/12 (**)
BMXDRA0815H	8 * relay output channels	2018/06 (**)
BMXDRA1605H	16 * relay output channels	2009/03 (**)
BMXDRA0804T	8 * relay output channels	2012/05
BMXDRC0805H	8 * relay output channels	2018/06 (**)
BMXDDI1602H	16 * 24 Vdc input channels	2009/03 (**)
BMXDDI1603H	16 * 48 Vdc input channels	2009/03
BMXDDI1604T	16 * 125 Vdc input channels	2010/05
BMXDDI3202KH	32 * 24 Vdc input channels	2016/01 (**)
BMXDDI3203H	32 * 48 Vdc input channels	2020/11
BMXDDI3232H	32 * 12/24 Vdc input channels	2020/11
BMXDDI6402KH	64 * 24 Vdc input channels	2016/01 (**)
BMXDDM16022H	8 * 24 Vdc input channels + 8 * 24 Vdc output channels	2009/03 (**)
BMXDDM16025H	16 * 24 Vdc input channels + 8 * relay output channels	2009/03 (**)
BMXDAI1602H	16 * 24 Vac/Vdc input channels	2009/12 (**)
BMXDAI1603H	16 * 48 Vac input channels	2009/12

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BMXDAI1604H	16 * 100...120 Vac input channels	2009/12
BMXDAI1614H	16 * 100...120 Vac input channels	2018/06
BMXDAI1615H	16 * 200...240 Vac input channels	2018/06
BMXDAO1605H	16 * 100...240 Vac output channels	2009/12
BMXDAO1615H	16 * 24...240 Vac output channels	2018/09
<b>Analog I/O modules</b>		
BMXAMI0410H	4 * voltage/current analog input channels	2009/03 (**)
BMXAMI0810H	8 * voltage/current analog input channels	2012/06 (**)
BMXAMO0210H	2 * voltage/current analog output channels	2009/03 (**)
BMXAMO0410H	4 * voltage/current analog output channels	2012/06 (**)
BMXAMO0802H	8 * current analog output channels	2018/09 (**)
BMXAMM0600H	4 * voltage/current analog input + 2 * voltage/current analog output channels	2009/03 (**)
BMXART0414H	4* thermocouple input channels	2009/03 (**)
BMXART0814H	8* thermocouple input channels	2009/03 (**)
BMEAHI0812H	8 * current analog input channels (HART)	2014/02 (**)
BMEAHO0412C	4 * current analog output channels (HART)	2014/02 (**)
<b>Special modules</b>		
BMXEHC0200H	Counting module, high speed 2 channels	2009/12
BMXEHC0800H	Counting module, high speed 8 channels	2009/12 (**)
BMXETM0200H	Frequency module, 2 channels	2016/03 (**)
BMXEAE0300H	SSI encoder module	2012/08 (**)
BMXERT1604T	Time stamping input module	2012/07
BMXERT1604H	Time stamping input module	2018/09
<b>Communication modules</b>		
BMXNOE0100H	Communication module Ethernet	2009/03 (**)
BMXNOE0110H	Communication module Ethernet	2009/12 (**)
BMXNOM0200H	Communication module RS485/232	2009/03 (**)
BMXNOR0200H	RTU Communication module	2012/02 (**)
BMENOR2200H	RTU Communication module	2020/03 (**)
BMENOC0301C	Communication module Ethernet	2015/02 (**)
BMENOC0311C	Communication module Ethernet	2015/02 (**)
BMENOC0321C	Communication module Ethernet	2016/07 (**)
BMENOS0300C	Communication module Ethernet	2016/07 (**)
BMENOP0300C	Communication module Ethernet IEC61850	2017/04 (**)
BMXNRP0200C	Communication module with optic fiber	2016/01 (**)
BMXNRP0201C	Communication module with optic fiber	2016/01 (**)
BMXCRA31210C	Communication module remote IO adapter	2012/09 (**)
BMECRA31210C	Communication module remote IO adapter	2013/11 (**)
BMECRA31310H	Communication module remote IO adapter	2022/01
BMECXM0100H	Communication module CANopen	2016/10 (**)
BMXNUA0100H	OPC UA module	2019/11 (**)

(\*) Date of first commercialization (internal traceability)

(\*\*) Also covered for other EU Directives in additional EU declarations:

HRB32439 EU declaration ATEX M340\_M580  
HRB78976 EU declaration ATEX PRM\_CXM

Accessories, cables, connectors, taps, memory cards (ABE7CPA..., BMXFCA..., BMXFCC..., BMXFCW..., BMXFTA..., BMXFTB..., BMXFTW..., 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.