

# EC Declaration of Conformity

We, **Eaton Corporation**  
W126N7250 Flint Drive, Menomonee Falls, WI 53051, USA

declare under our sole responsibility as manufacturer that the product (family),

## **PowerXL DM1 Series (DM1-xxxxxB-S20S-...) Variable Frequency Drives**

provided that it is installed, maintained and used in the application intended for, with respect to the relevant manufacturer's instructions, installation standards and "good engineering practices", complies with the provisions of Council directive(s):

<b>2014/53/EU</b>	<b>Radio Emission Directive</b>
<b>2006/42/EC</b>	<b>Machinery Directive</b>
<b>2011/65/EU</b>	<b>RoHS Directive</b>
<b>2009/125/EC</b>	<b>Ecodesign Directive (Regulation 2019/1781)</b>

based on compliance with European standard(s):

**EN 61800-5-1:2007+A1:2017+A11:2021**  
**EN IEC 61800-3:2018**  
**EN IEC 63000:2018**  
**EN 61800-9-2:2017**  
**EN 62479:2010**  
**ETSI EN 301 489-1 V2.2.3:2019**  
**ETSI EN 301 489-17 V3.2.4:2020**  
**ETSI EN 300 328 V2.2.2:2019**



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**EN 60204-1:2018**  
**EN 61800-5-2:2017**  
**EN 61508, Part 1-7: 2010**  
**EN ISO 13849-1:2015**  
**EN IEC 62061:2021**

Consistency of a production sample with the marked product in accordance with the Directive: **Machinery Directive 2006/42/EC**

Has been certified by:

**Notified Body:**

TÜV Rheinland Industrie Service GmbH  
Am Grauen Stein  
51105 Köln / Germany  
Notified Body No.: 0035

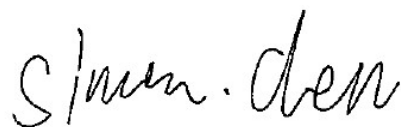
**Number of the EC Type-Examination Certificate:** 01/205/5753.02/21

The marked product is consistent with the examined production sample.

**Authorized Representative to compile the technical file:**

Eaton Industries GmbH, Industrial Controls & Protection Division, Hein-Moeller-Str. 7-11,  
53115 Bonn, Germany

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Simon Chen  
VFD Engineering Manager



Powering Business Worldwide

# Types within the Range

The declaration of conformity applies to the following types within the product family and in combination with products listed below:

## Three Phase 230V Series:

DM1-321D6EB-S20S	DM1-321D6NB-S20S-AP	DM1-32025NB-S20S-EM
DM1-323D0EB-S20S	DM1-323D0NB-S20S-AP	DM1-32025NB-S20S-AP
DM1-324D8EB-S20S	DM1-324D8NB-S20S-AP	DM1-32032EB-S20S
DM1-327D8EB-S20S	DM1-327D8NB-S20S-AP	DM1-32048EB-S20S
DM1-321D6EB-S20S-EM	DM1-32011EB-S20S	DM1-32032EB-S20S-EM
DM1-323D0EB-S20S-EM	DM1-32017EB-S20S	DM1-32048EB-S20S-EM
DM1-324D8EB-S20S-EM	DM1-32011EB-S20S-EM	DM1-32032EB-S20S-AP
DM1-327D8EB-S20S-EM	DM1-32017EB-S20S-EM	DM1-32048EB-S20S-AP
DM1-321D6EB-S20S-AP	DM1-32011EB-S20S-AP	DM1-32032NB-S20S
DM1-323D0EB-S20S-AP	DM1-32017EB-S20S-AP	DM1-32048NB-S20S
DM1-324D8EB-S20S-AP	DM1-32011NB-S20S	DM1-32032NB-S20S-EM
DM1-327D8EB-S20S-AP	DM1-32017NB-S20S	DM1-32048NB-S20S-EM
DM1-321D6NB-S20S	DM1-32011NB-S20S-EM	DM1-32032NB-S20S-AP
DM1-323D0NB-S20S	DM1-32017NB-S20S-EM	DM1-32048NB-S20S-AP
DM1-324D8NB-S20S	DM1-32011NB-S20S-AP	
DM1-327D8NB-S20S	DM1-32017NB-S20S-AP	
DM1-321D6NB-S20S-EM	DM1-32025EB-S20S	
DM1-323D0NB-S20S-EM	DM1-32025EB-S20S-EM	
DM1-324D8NB-S20S-EM	DM1-32025EB-S20S-AP	
DM1-327D8NB-S20S-EM	DM1-32025NB-S20S	

# Types within the Range

The declaration of conformity applies to the following types within the product family and in combination with products listed below:

## Three Phase 480V Series:

DM1-341D5EB-S20S	DM1-341D5NB-S20S-AP	DM1-34012NB-S20S-AP
DM1-342D2EB-S20S	DM1-342D2NB-S20S-AP	DM1-34016NB-S20S-AP
DM1-344D3EB-S20S	DM1-344D3NB-S20S-AP	DM1-34023EB-S20S
DM1-345D6EB-S20S	DM1-345D6NB-S20S-AP	DM1-34023EB-S20S-EM
DM1-341D5EB-S20S-EM	DM1-347D6EB-S20S	DM1-34023EB-S20S-AP
DM1-342D2EB-S20S-EM	DM1-34012EB-S20S	DM1-34023NB-S20S
DM1-344D3EB-S20S-EM	DM1-34016EB-S20S	DM1-34023NB-S20S-EM
DM1-345D6EB-S20S-EM	DM1-347D6EB-S20S-EM	DM1-34023NB-S20S-AP
DM1-341D5EB-S20S-AP	DM1-34012EB-S20S-EM	DM1-34031EB-S20S
DM1-342D2EB-S20S-AP	DM1-34016EB-S20S-EM	DM1-34038EB-S20S
DM1-344D3EB-S20S-AP	DM1-347D6EB-S20S-AP	DM1-34031EB-S20S-EM
DM1-345D6EB-S20S-AP	DM1-34012EB-S20S-AP	DM1-34038EB-S20S-EM
DM1-341D5NB-S20S	DM1-34016EB-S20S-AP	DM1-34031EB-S20S-AP
DM1-342D2NB-S20S	DM1-347D6NB-S20S	DM1-34038EB-S20S-AP
DM1-344D3NB-S20S	DM1-34012NB-S20S	DM1-34031NB-S20S
DM1-345D6NB-S20S	DM1-34016NB-S20S	DM1-34038NB-S20S
DM1-341D5NB-S20S-EM	DM1-347D6NB-S20S-EM	DM1-34031NB-S20S-EM
DM1-342D2NB-S20S-EM	DM1-34012NB-S20S-EM	DM1-34038NB-S20S-EM
DM1-344D3NB-S20S-EM	DM1-34016NB-S20S-EM	DM1-34031NB-S20S-AP
DM1-345D6NB-S20S-EM	DM1-347D6NB-S20S-AP	DM1-34038NB-S20S-AP

# Types within the Range

The declaration of conformity applies to the following types within the product family and in combination with products listed below:

## Three Phase 575V Series:

DM1-354D5NB-S20S	DM1-35010EB-S20S
DM1-357D5NB-S20S	DM1-354D5EB-S20S-EM
DM1-35010NB-S20S	DM1-357D5EB-S20S-EM
DM1-354D5NB-S20S-EM	DM1-35010EB-S20S-EM
DM1-357D5NB-S20S-EM	DM1-354D5EB-S20S-AP
DM1-35010NB-S20S-EM	DM1-357D5EB-S20S-AP
DM1-354D5NB-S20S-AP	DM1-35010EB-S20S-AP
DM1-357D5NB-S20S-AP	DM1-35013EB-S20S
DM1-35010NB-S20S-AP	DM1-35013EB-S20S-EM
DM1-35013NB-S20S	DM1-35013EB-S20S-AP
DM1-35013NB-S20S-EM	DM1-35018EB-S20S
DM1-35013NB-S20S-AP	DM1-35022EB-S20S
DM1-35018NB-S20S	DM1-35018EB-S20S-EM
DM1-35022NB-S20S	DM1-35022EB-S20S-EM
DM1-35018NB-S20S-EM	DM1-35018EB-S20S-AP
DM1-35022NB-S20S-EM	DM1-35022EB-S20S-AP
DM1-35018NB-S20S-AP	
DM1-35022NB-S20S-AP	
DM1-354D5EB-S20S	
DM1-357D5EB-S20S	

# Types within the Range

The declaration of conformity applies to the following types within the product family and in combination with products listed below:

## Single Phase 115V Series:

DM1-111D6EB-S20S	DM1-114D8NB-S20S-EM
DM1-113D0EB-S20S	DM1-116D9NB-S20S-EM
DM1-111D6EB-S20S-EM	DM1-114D8NB-S20S-AP
DM1-113D0EB-S20S-EM	DM1-116D9NB-S20S-AP
DM1-111D6EB-S20S-AP	
DM1-113D0EB-S20S-AP	
DM1-111D6NB-S20S	
DM1-113D0NB-S20S	
DM1-111D6NB-S20S-EM	
DM1-113D0NB-S20S-EM	
DM1-111D6NB-S20S-AP	
DM1-113D0NB-S20S-AP	
DM1-114D8EB-S20S	
DM1-116D9EB-S20S	
DM1-114D8EB-S20S-EM	
DM1-116D9EB-S20S-EM	
DM1-114D8EB-S20S-AP	
DM1-116D9EB-S20S-AP	
DM1-114D8NB-S20S	
DM1-116D9NB-S20S	

# Types within the Range

The declaration of conformity applies to the following types within the product family and in combination with products listed below:

## Single Phase 230V Series:

DM1-121D6EB-S20S	DM1-127D8EB-S20S-EM
DM1-123D0EB-S20S	DM1-12011EB-S20S-EM
DM1-124D8EB-S20S	DM1-127D8EB-S20S-AP
DM1-121D6EB-S20S-EM	DM1-12011EB-S20S-AP
DM1-123D0EB-S20S-EM	DM1-127D8NB-S20S
DM1-124D8EB-S20S-EM	DM1-12011NB-S20S
DM1-121D6EB-S20S-AP	DM1-127D8NB-S20S-EM
DM1-123D0EB-S20S-AP	DM1-12011NB-S20S-EM
DM1-124D8EB-S20S-AP	DM1-127D8NB-S20S-AP
DM1-121D6NB-S20S	DM1-12011NB-S20S-AP
DM1-123D0NB-S20S	DM1-12017EB-S20S
DM1-124D8NB-S20S	DM1-12017EB-S20S-EM
DM1-121D6NB-S20S-EM	DM1-12017EB-S20S-AP
DM1-123D0NB-S20S-EM	DM1-12017NB-S20S
DM1-124D8NB-S20S-EM	DM1-12017NB-S20S-EM
DM1-121D6NB-S20S-AP	DM1-12017NB-S20S-AP
DM1-123D0NB-S20S-AP	
DM1-124D8NB-S20S-AP	
DM1-127D8EB-S20S	
DM1-12011EB-S20S	

# Types within the Range

The declaration of conformity applies to the following types within the product family and in combination with products listed below:

## Accessories:

DXM-ACC-FR1N1KIT  
DXM-ACC-FR2N1KIT  
DXM-ACC-FR3N1KIT  
DXM-ACC-FR4N1KIT  
DXM-ACC-FR1N1PKIT  
DXM-ACC-FR2N1PKIT  
DXM-ACC-FR3N1PKIT  
DXM-ACC-FR4N1PKIT  
DXM-NET-PROFIBUS  
DXM-NET-CANOPEN  
DXM-ACC-5FR34EMC  
DXG-NET-SWD-IP20  
DXG-NET-SWD-IP54  
DXG-KEY-LCD  
DXG-KEY-HOLDER  
DXG-KEY-RMTKIT  
DXG-KEY-HOLDER-BP  
DXG-CBL-PCCABLE  
DXG-KEY-HOLDERLP  
DXG-KEY-RMTKITLP  
DXM-NET-PROFINET