

EU Declaration of Conformity

Eaton Corporation

W126N7250 Flint Drive, Menomonee Falls, WI 53051, USA

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

PowerXL DG1 and DH1 Series Variable Frequency Drive

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):

2014/30/EU	EMC Directive
2011/65/EU	RoHS Directive
2006/42/EC	Machinery Directive

based on compliance with European standard(s):

EN 61800-5-1:2007+A1:2017 - Adjustable speed electrical power drive systems – Part 5-1 Safety requirements - Electrical, thermal and energy

EN 61800-3:2004/A1:2012 and EN IEC 61800-3:2018 - Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods

EN IEC 63000:2018 - Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances



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EU Declaration of Conformity

EN 60204-1:2018 - Safety of machinery - Electrical equipment of machines

- Part 1: General requirements

EN ISO 13849-1:2015 - Safety of machinery - Safety-related parts of control systems

- Part 1: General principles for design

EN 61800-5-2:2017 - Adjustable speed electrical power drive systems

- Part 5-2: Safety requirements - Functional

EN 62061:2005+AC:2010+A1:2013+A2:2015 - Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems

EN 61508, Part 1-7: 2010 - Functional safety of electrical/electronic/programmable electronic safety-related systems

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

Has been certified by:

Notified Agency / Address:

Notified Body 0035 / Am Grauen Stein, 51105 Köln / Germany

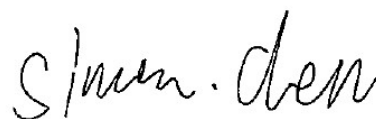
Certification Number: 01/205/5705.01/20

The marked product is consistent with the examined production sample.

Authorized Person 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
Manager, VFD Engineering



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Types within the Range

The Declaration of Conformity applies to the following types within the PowerXL DG1 Series Variable Frequency Drive product family:

230V Series:

DG1-323D7EB-C20C	DG1-32031FB-C54C	DG1-32143FB-C54C
DG1-324D8EB-C20C	DG1-32048FB-C21C	DG1-32143FN-C21C
DG1-326D6EB-C20C	DG1-32048FB-C54C	DG1-32143FN-C54C
DG1-323D7FB-C21C	DG1-32061FB-C21C	DG1-32170FB-C21C
DG1-323D7FB-C54C	DG1-32061FB-C54C	DG1-32170FB-C54C
DG1-324D8FB-C21C	DG1-32061FN-C21C	DG1-32170FN-C21C
DG1-324D8FB-C54C	DG1-32061FN-C54C	DG1-32170FN-C54C
DG1-326D6FB-C21C	DG1-32075FB-C21C	DG1-32211FB-C21C
DG1-326D6FB-C54C	DG1-32075FB-C54C	DG1-32211FB-C54C
DG1-327D8FB-C21C	DG1-32075FN-C21C	DG1-32211FN-C21C
DG1-327D8FB-C54C	DG1-32075FN-C54C	DG1-32211FN-C54C
DG1-32011FB-C21C	DG1-32088FB-C21C	DG1-32248FB-C21C
DG1-32011FB-C54C	DG1-32088FB-C54C	DG1-32248FB-C54C
DG1-32012FB-C21C	DG1-32088FN-C21C	DG1-32248FN-C21C
DG1-32012FB-C54C	DG1-32088FN-C54C	DG1-32248FN-C54C
DG1-32017FB-C21C	DG1-32114FB-C21C	
DG1-32017FB-C54C	DG1-32114FB-C54C	
DG1-32025FB-C21C	DG1-32114FN-C21C	
DG1-32025FB-C54C	DG1-32114FN-C54C	
DG1-32031FB-C21C	DG1-32143FB-C21C	