



EU Declaration of Conformity

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This Declaration of Conformity is issued under the sole responsibility of Vicor Corporation, as the manufacturer:

Declare that the

High-Voltage Mil-COTS Input Filter Module

Model: MFM1714xD2KD2F4yzz

Where x = B for board mounting using pins or V for chassis mount using screw terminals, yzz = options non-safety related

to which this declaration relates, are in conformity with the following EU Directives listed below by using the relevant sections of the following EU harmonized standards and other normative documents.

Low Voltage Directive 2014/35/EU

EN 62368-1:2014/A11:2017 Audio/Video, Information and Communication technology equipment

RoHS Recast Directive 2011/65/EU With Amending Directive (EU) 2015/863, dated June 4, 2015

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

The High-Voltage Mil-COTS DC Input Filter Modules are designed for building-in and must be installed in accordance with any conditions of acceptability specified by Vicor Corporation and its subsidiaries.

| Part Number | Package Type | Product Grade | Options Field |
|--------------------|-----------------|--------------------|----------------|
| MFM1714V50M50C5M00 | V = Chassis VIA | T = -55°C to 100°C | 00 = LUG |
| MFM1714B50M50C5M04 | B = Board VIA | | 04 = Short Pin |
| MFM1714B50M50C5M08 | | | 08 = Long Pin |

- The maximum case temperature of the high voltage MFM1714 in the end application is 100°C
- The input to the high voltage MFM1714 requires an external fuse, EATON PC-Tron fuse rated 5A or a Littelfuse 487 series rated 8A.

27 July 2021

Michael McNamara
Vice President

Date