

Proprietary Information of:  bel POWER SOLUTIONS & PROTECTION a bel group	Title: EMC Declaration of Conformity	Document No. URR.20202	Rev. A
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Declaration of Conformity

We, Bel Fuse Inc., hereby declare under our sole responsibility that the products herein after referred to are in compliance with the European **EMC Directive 2014/30/EU**.

Manufacturer/Address: **Bel Fuse Inc.**
300 Executive Drive
Suite 300
West Orange, NJ 07052

Product: **DC-DC Converter**

Type Designation: **40IMX35 Series, 40KMX35 Series**
 (Refer to detailed P/N on next page(s))

Directive: **DIR 2014/30/EU, EMC Directive**
 EMC Standard(s): **EN IEC 61204-3:2018**
EN 50121-3-2:2016
EN 50121-4:2016

Prepared by:



Dubnica nad Váhom, Slovakia
 (Manufacturer) (Place) **Jan 17, 2024**
 (Date)
 Marian Hostacny, Engineering Manager

Approved by:



Uster, Switzerland
 (Place) **Jan 17, 2024**
 (Date)
 Rolf Baldauf, VP PMO & VAVE

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List of Product P/N:

No.	P/N	No.	P/N
1	40IMX35D05D05-8	22	40IMX35D15D15-8
2	40IMX35D05D05-8G	23	40IMX35D15D15-8G
3	40IMX35D05D05-8I	24	40IMX35D15D15-8I
4	40IMX35D05D05-8IZ	25	40IMX35D15D15-8IZ
5	40IMX35D05D05-8Z	26	40IMX35D15D15-8IZG
6	40IMX35D05D05-8ZG	27	40IMX35D15D15-8Z
7	40IMX35D05D12-8	28	40KMX35D05D15-801
8	40IMX35D05D12-8G	29	40KMX35D05D15-802
9	40IMX35D05D12-8Z	30	40KMX35D05D15-802G
10	40IMX35D05D12-8ZG	31	
11	40IMX35D05D15-8	32	
12	40IMX35D05D15-8G	33	
13	40IMX35D05D15-8Z	34	
14	40IMX35D05D15-8ZG	35	
15	40IMX35D12D12-8	36	
16	40IMX35D12D12-8G	37	
17	40IMX35D12D12-8IG	38	
18	40IMX35D12D12-8IZ	39	
19	40IMX35D12D12-8IZG	40	
20	40IMX35D12D12-8Z	41	
21	40IMX35D12D12-8ZG	42	

Note: model names may be followed by suffix indicating non-EMC critical options.

Part number description

Part Number Description

Input voltage range V_i		40	IMX35	D05	D05	-8	i	Z	G
9 to 36 VDC	20								
18 to 75 VDC	40								
40 to 121 VDC	70								
60 to 150 VDC	110								
Series	IMX35								
Outputs 1 and 4 (1 st power train)	D05, D12, D15								
Outputs 2 and 3 (2 nd power train)	D05, D12, D15								
Operating ambient temperature range									
$T_A = -40$ to 85 °C	-8								
Options:									
Inhibit	-i								
Open frame	Z								
RoHS compliant for all six substances	G								

Note: The sequence of options must follow the order above!

☐ Not for new designs ☒ Preferred for new designs

Note:

40KMX35 Series are specific customer types.