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.** **206 Van Vorst Street, Jersey City, New Jersey, USA 07302**
Product:	**DC-DC and AC-DC Converter**
Type Designation:	**AM Series** (Refer to detailed P/N on next page(s))
Directive:	**DIR 2014/30/EU, EMC Directive**
EMC Standard(s):	**EN 55011:2016/A1:2017** **EN 50121-3-2:2016** **EN 50121-4:2016**

Prepared by:

Dubnica nad Váhom, Slovakia — Nov 27,2019

(Manufacturer) *(Place)* *(Date)*

Marian Hostacny, Engineering Manager

Approved by:

Uster, Switzerland — Nov 27,2019

Rolf Baldauf, VP PMO & VAVE *(Place)* *(Date)*

List of Product P/N:

No.	P/N	No.	P/N
1	AM1001-7P	22	AM1601-7P
2	AM1001-7R	23	AM1601-7R
3	AM1001-7RD3A	24	AM1601-7RH
4	AM1001-9P	25	AM1601-9R
5	AM1001-9PG	26	AM1601-9RG
6	AM1001-9R	27	AM1644-5RD4
7	AM1046-9R	28	AM1650-9RD8A
8	AM1046-9RG	29	AM1748-0R
9	AM1301-7R	30	AM1901-7R
10	AM1301-9P	31	AM1901-9R
11	AM1301-9PA	32	AM1904-9RD9
12	AM1301-9R	33	AM2003-9
13	AM1301-9RG	34	AM2003-9G
14	AM1301-9RHG	35	AM2003-9PG
15	AM1326-9R	36	AM2320-7
16	AM1501-7R	37	AM2320-9
17	AM1501-9R	38	AM2332-9
18	AM1501-9RG	39	AM2332-9PG
19	AM1503-9RD9	40	AM2540-7
20	AM1506-9R	41	AM2540-9
21	AM1506-9RG	42	AM2540-9G

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

List of Product P/N:

No.	P/N	No.	P/N
43	AM2549-7	64	
44	AM3002-7P	65	
45	AM3020-7	66	
46	AM3020-9	67	
47	AM3020-9G	68	
48	AM3040-7	69	
49	AM3040-9	70	
50	AM3047-6D9	71	
51	AM3059-5	72	
52	AM3254-7	73	
53	AM3520-8	74	
54	AM3521-8	75	
55	AM3789-9	76	
56	AM3789-9G	77	
57	AM7005-5RV0	78	
58	AM8322-7	79	
59	AM9023-7	80	
60	AM9023-9G	81	
61	AM9046-7	82	
62		83	
63		84	

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

Part Number Description

C M 2 5 40 -9 E P D3 A H G

Operating input range V_I:	8 – 35 VDC	A
	14 – 70 VDC	B
	20 – 100 VDC	F
	28 – 140 VDC	C
	44 – 220 VDC	D
	67 – 385 VDC	E
	85 – 264 VAC, 88 – 372 VDC	L
Series		M
Number of outputs [4]		1, 2, 3 [4]
Output 1, $V_{o1\ nom}$:	5.1 V	0, 1, 2
	12 V	3
	15 V	4, 5
	24 V	6
	other voltages	7, 8
	48 V	9
Single-output models (different specs.)		01 – 99
Outputs 2, 3: $V_{o2\ nom}$, $V_{o3\ nom}$:	5.1 V	01 – 19
	12 V	20 – 39
	15 V	40 – 59
	24 V	60 – 69
	other voltages and specs.	21 – 99
Ambient temperature range T_A:	–25 to 71 °C	-7
	–40 to 71 °C	-9
	customer-specific	-0, -5, -6, -8
Auxiliary functions and options:		
Inrush current limitation (CM, EM, LM)		E
Output voltage control input (single-output models)		R [2]
Potentiometers for adjustment of output voltages		P [2]
Save data signal (D0 – D9, to be specified)		D [1]
ACFAIL signal (V0, V2, V3, to be specified)		V [1]
Output voltage test sockets		A
Increased electric strength test voltage		H
Input fuse built-in (not accessible)		F [3]
Coding strip at the connector		K
RoHS-compliant for all 6 substances		G

[1] Option D excludes option V and vice versa
[2] Feature R is fitted to single-output models only. Option P excludes option R (and vice versa).
[3] Only for FM1000
[4] Models with 220 mm case length. Just add 6000 to the standard model number, e.g., DM3020-9AG → DM9020-9AG.

Note: The sequence of options must follow the order above. The part number description is descriptive only; it is not intended for creating part numbers.

Example: CM2540-9EPD3AHG: DC-DC converter, operating input voltage range 28 – 140 VDC, providing output 1 with 15 V/1.7 A and output 2 with 15 V /1.7 A; temperature range –40 to +71 °C, inrush current limitation, equipped with potentiometers, undervoltage monitor D3, test sockets, tested with higher voltage output to case, RoHS-compliant for all 6 substances.