

Proprietary Information of: 	Title: EMC Declaration of Conformity	Document No. URR.20092	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.**
206 Van Vorst Street, Jersey City, New Jersey,
USA 07302

Product: **DC-DC Converter**

Type Designation: **BM SERIES**
 (Refer to detailed P/N on next page(s))

Directive: **DIR 2014/30/EU, EMC Directive**
 EMC Standard(s): **EN 50121-3-2:2016**
EN 50121-4:2016
EN IEC 61000-6-2:2019
EN 55011:2016/A1:2017

Prepared by:



Dubnica nad Váhom, Slovakia **May 04, 2021**
 (Manufacturer) (Place) (Date)
Marian Hostacny, Engineering Manager

Approved by:



Uster, Switzerland **May 04, 2021**
 (Rolf Baldauf, VP PMO & VAVE) (Place) (Date)

Proprietary Information of:  POWER SOLUTIONS & PROTECTION <small>© 2018 BEL</small>	Title: EMC Declaration of Conformity	Document No. URR.20092	Rev. A
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List of Product P/N:

No.	P/N	No.	P/N
1	BM1001-7P	22	BM1501-7R
2	BM1001-7R	23	BM1501-9P
3	BM1001-7RD3A	24	BM1501-9R
4	BM1001-7RD4	25	BM1501-9RD8
5	BM1001-7RK	26	BM1501-9RG
6	BM1001-9P	27	BM1506-9R
7	BM1001-9PG	28	BM1506-9RG
8	BM1001-9PKG	29	BM1601-7P
9	BM1001-9R	30	BM1601-7R
10	BM1001-9RD3G	31	BM1601-7RA
11	BM1001-9RG	32	BM1601-7RD2H
12	BM1001-9RKG	33	BM1601-7RD3
13	BM1005-6R	34	BM1601-7RK
14	BM1005-6RG	35	BM1601-9P
15	BM1301-7R	36	BM1601-9PG
16	BM1301-7RD3	37	BM1601-9R
17	BM1301-9PG	38	BM1601-9RAG
18	BM1301-9PKG	39	BM1601-9RG
19	BM1301-9RD3G	40	BM1626-5RD2
20	BM1301-9RG	41	BM1720-7R
21	BM1501-7P	42	BM1738-6R

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

No.	P/N	No.	P/N
43	BM1738-6RT	64	BM2540-7A
44	BM1740-7RD9	65	BM2540-7D4A
45	BM1901-7R	66	BM2540-7H
46	BM1901-9R	67	BM2540-7K
47	BM1901-9RG	68	BM2540-9
48	BM1901-9RHG	69	BM2540-9AG
49	BM2027-7	70	BM2540-9D4AG
50	BM2028-7	71	BM2540-9G
51	BM2070-7	72	BM2540-9P
52	BM2072-6	73	BM2540-9PG
53	BM2302-7	74	BM2548-7D9
54	BM2320-7	75	BM2548-9D9G
55	BM2320-9	76	BM2660-7D2A
56	BM2320-9G	77	BM2660-7D4A
57	BM2320-9PG	78	BM2660-9G
58	BM2320-9PKG	79	BM2664-7
59	BM2332-7	80	BM2667-9G
60	BM2440-7	81	BM2702-7
61	BM2443-7	82	BM2702-9G
62	BM2504-6	83	BM2772-7
63	BM2540-7	84	BM2787-7

No.	P/N	No.	P/N
85	BM2792-7	106	BM3054-9D9AG
86	BM2881-5	107	BM3056-0
87	BM2881-5G	108	BM3079-7
88	BM2884-7	109	BM3139-7
89	BM3020-7	110	BM3156-9
90	BM3020-7A	111	BM3156-9G
91	BM3020-7D2	112	BM3158-9
92	BM3020-9	113	BM3158-9G
93	BM3020-9AG	114	BM3231-7D2
94	BM3020-9D2	115	BM3233-7A
95	BM3020-9D3	116	BM3244-7D0
96	BM3020-9G	117	BM3244-9D0G
97	BM3023-0	118	BM3252-6/SEPTA
98	BM3023-0G	119	BM3255-0
99	BM3040-7	120	BM3303-7
100	BM3040-7P	121	BM3542-7
101	BM3040-9	122	BM3572-0
102	BM3040-9G	123	BM3574-6
103	BM3040-9PG	124	BM3576-6
104	BM3046-6	125	BM3578-5
105	BM3051-7	126	BM3578-5G

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No.	P/N	No.	P/N
127	BM3581-7	148	
128	BM3640-7	149	
129	BM3646-5D2H	150	
130	BM3648-6/SEPTA	151	
131	BM3728-9	152	
132	BM3780-7	153	
133	BM3875-6	154	
134	BM3880-9	155	
135	BM3881-9	156	
136	BM7007-5RV0	157	
137	BM8322-7	158	
138	BM9020-7	159	
139	BM9020-9G	160	
140	BM9048-6	161	
141	BM9048-6G	162	
142	BM1301-9R	163	
143	BM2028-9G	164	
144		165	
145		166	
146		167	
147		168	

Part number description for BM Series

Part Number Description

			CM	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.