

Proprietary Information of:  POWER SOLUTIONS & PROTECTION	Title: EMC Declaration of Conformity	Document No. URR.05013	Rev. A
--	--	----------------------------------	------------------

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: **PSB 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

Prepared by:



_____ **Dubnica nad Váhom, Slovakia** **Dec 2, 2019**
 (Manufacturer) (Place) (Date)
 Marian Hostacny, Engineering Manager

Approved by:



_____ **Uster, Switzerland** **Dec 2, 2019**
 (Place) (Date)
 Rolf Baldauf, VP PMO & VAVE

Proprietary Information of:  POWER SOLUTIONS & PROTECTION	Title: EMC Declaration of Conformity	Document No. URR.05013	Rev. A
--	--	----------------------------------	------------------

List of Product P/N:

No.	P/N	No.	P/N
1	PSB123-7IR	22	PSB155-9LIPG
2	PSB123-7LIR	23	PSB155-9LIRC
3	PSB123-9IR	24	PSB155-9LIRCG
4	PSB123-9IRG	25	PSB156-2IR
5	PSB123-9LIR	26	PSB243-7IR
6	PSB125-7IR	27	PSB243-7LIR
7	PSB125-7LIR	28	PSB243-9IR
8	PSB125-7LIRC	29	PSB243-9IRCG
9	PSB125-9IPG	30	PSB243-9IRG
10	PSB125-9LIR	31	PSB243-9LIRC
11	PSB125-9LIRC	32	PSB243-9LIRCG
12	PSB125-9LIRCG	33	PSB243-9LIRG
13	PSB125-9LIRG	34	PSB245-7IR
14	PSB126-2	35	PSB245-7LIR
15	PSB153-7IR	36	PSB245-7LIRC
16	PSB155-7IR	37	PSB245-9IPG
17	PSB155-9IPG	38	PSB245-9IRCG
18	PSB155-9IR	39	PSB245-9LIRC
19	PSB155-9IRCG	40	PSB245-9LIRCG
20	PSB155-9IRG	41	PSB245-9LIRG
21	PSB155-9LIPCG	42	PSB245-9LIPCG

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

Proprietary Information of:  POWER SOLUTIONS & PROTECTION	Title: EMC Declaration of Conformity	Document No. URR.05013	Rev. A
--	--	----------------------------------	------------------

List of Product P/N:

No.	P/N	No.	P/N
43	PSB246-2G	64	PSB5A6-7LIPC
44	PSB246-2IR	65	PSB5A6-7LIR
45	PSB246-2IRG	66	PSB5A6-9IR
46	PSB25Z5A-7LIR	67	PSB5A7-7IR
47	PSB25Z5A-9LIRG	68	PSB5A7-7LIPC
48	PSB363-7IRG	69	PSB5A7-7LIR
49	PSB363-7LIR	70	PSB5A7-7LIRC
50	PSB363-7LIRG	71	PSB5A7-9IPG
51	PSB363-9IR	72	PSB5A7-9IR
52	PSB363-9IRCG	73	PSB5A7-9IRCG
53	PSB363-9IRG	74	PSB5A7-9IRG
54	PSB363-9LIR	75	PSB5A7-9LIPC
55	PSB363-9LIRCG	76	PSB5A7-9LIPCG
56	PSB363-9LIRG	77	PSB5A7-9LIR
57	PSB365-7IR	78	PSB5A7-9LIRC
58	PSB483-7IR	79	PSB5A7-9LIRCG
59	PSB483-7LIR	80	PSB5A7-9LIRG
60	PSB483-9IRG	81	PSB5A7A-0IR
61	PSB483-9LIR	82	PSB5A8-2IR
62	PSB483-9LIRG	83	PSB5A8-2IRG
63	PSB5A6-7IR	84	

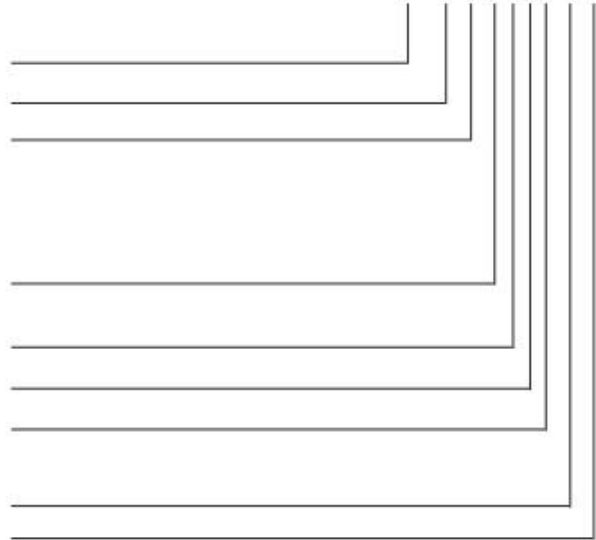
Note: model names may be followed by suffix indicating non-EMC critical options.



Part Number Description

PSB 123 -9 L I R C G

Positive switching regulator in case B02	PSB	
Nominal output voltage in volt	5.1 to 48	
Nominal output current in Ampère	3 to 8	
Operational ambient temperature range T_A		
-10 to 50 °C	-2	
-25 to 50 °C	-5	
-25 to 71 °C (option)	-7	
-40 to 71 °C	-9	
other (customer-specific models)	-0	
Input filter (option)	L	
Inhibit input (standard)	I	
Control input for output voltage adjustment ¹	R	
Potentiometer ¹ (option)	P	
Thyristor crowbar (option)	C	
RoHS-compliant for all 6 substances	G	



¹ Feature R excludes option P and vice versa.

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

Example: PSB123-9LI RCG designates a positive switching regulator with output 12 V, 3 A, ambient temperature range of -40 to 71 °C, input filter, inhibit input, output adjust input, thyristor crowbar, and RoHS-compliant.