

Proprietary Information of:  bel POWER SOLUTIONS & PROTECTION	Title: EMC Declaration of Conformity	Document No. URR.04903	Rev. C
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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: **PSL 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:



 (Manufacturer) Dubnica nad Váhom, Slovakia Nov 27, 2019
 (Place) (Date)
 Marian Hostacny, Engineering Manager

Approved by:



 Uster, Switzerland Nov 27, 2019
 (Place) (Date)
 Rolf Baldauf, VP PMO & VAVE

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List of Product P/N:

No.	P/N	No.	P/N
1	PSL128-7R	22	PSL249-2R
2	PSL128-9R	23	PSL5F12A-7LRC
3	PSL126-9R	24	PSL5A10-7I
4	PSL126-7R	25	PSL5A10-9RCG
5	PSL248-7RCK	26	PSL5A10-9IG
6	PSL248-7LR	27	PSL5A10-9IPCG
7	PSL246-7R	28	PSL5A10-9LRCDAG
8	PSL5A12-9LIPC	29	PSL5A10-9RG
9	PSL248-7R	30	PSL5A10-9PG
10	PSL158-7I	31	PSL5A10-9PCDG
11	PSL5A10-7R	32	PSL126-9RG
12	PSL248-7RA	33	PSL126-9IPCAG
13	PSL368-7R	34	PSL5A12-9LRG
14	PSL5A12-7R	35	PSL5A12-9RG
15	PSL33E10A-0LR	36	PSL5A12-9LRCG
16	PSL246-9LR	37	PSL5A12-9LIPCG
17	PSL248-7RC	38	PSL246A-9LR
18	PSL24Z2A-0LCD	39	PSL246A-9LRG
19	PSL486-7LR	40	PSL248-9RCG
20	PSL36Z8B-0LR	41	
21	PSL5A10-7RC	42	

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

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Part Number Description

PSL Series

Positive switching regulator in case C03	PSC
Nominal output voltage in volt	5.1 to 48
Nominal output current in ampere	6 to 12
Operational ambient temperature range T_A	
-10 to 50 °C	-2
-25 to 71 °C (option)	-7
-40 to 71 °C	-9
Input filter (option)	L
Inhibit input ¹	i
Control input for output voltage adjustment ¹	R
Thyristor crowbar (option)	C
Coding strip (option)	K
RoHS-compliant for all 6 substances	G

PSL 12 6 -7 L R C K G



¹ Feature R excludes option i and vice versa.

Example: PSL126-9LRCG designates a positive switching regulator with a 12 V, 6 A output, ambient temperature range of -40 to 71 °C, input filter, output voltage adjust, and thyristor crowbar, RoHS-compliant.

 NFND: Not for new designs.

 Preferred for new designs.