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: **AC-DC Converter**

Type Designation: **LK4 Series, LS4 Series**
(Refer to detailed P/N on next page(s))

Directive: **DIR 2014/30/EU, EMC Directive**
EMC Standard(s): **EN 55011:2016/A2:2021**
EN 50121-3-2:2016/A1:2019
EN 50121-4:2016/A1:2019
EN 61000-3-3:2013/A2:2021
EN IEC 61000-3-2:2019/A2:2024

Prepared by:



Dubnica nad Váhom, Slovakia	Jan 8,2026
(Place)	*(Date)*

(Manufacturer)
Marian Hostacny, Engineering Manager

Approved by:



Santa Clara, Ca. USA	Jan 8,2026
(Place)	*(Date)*

(Manufacturer)
Editha S. Vergara,
Sr. Director, Product Compliance

List of Product P/N:

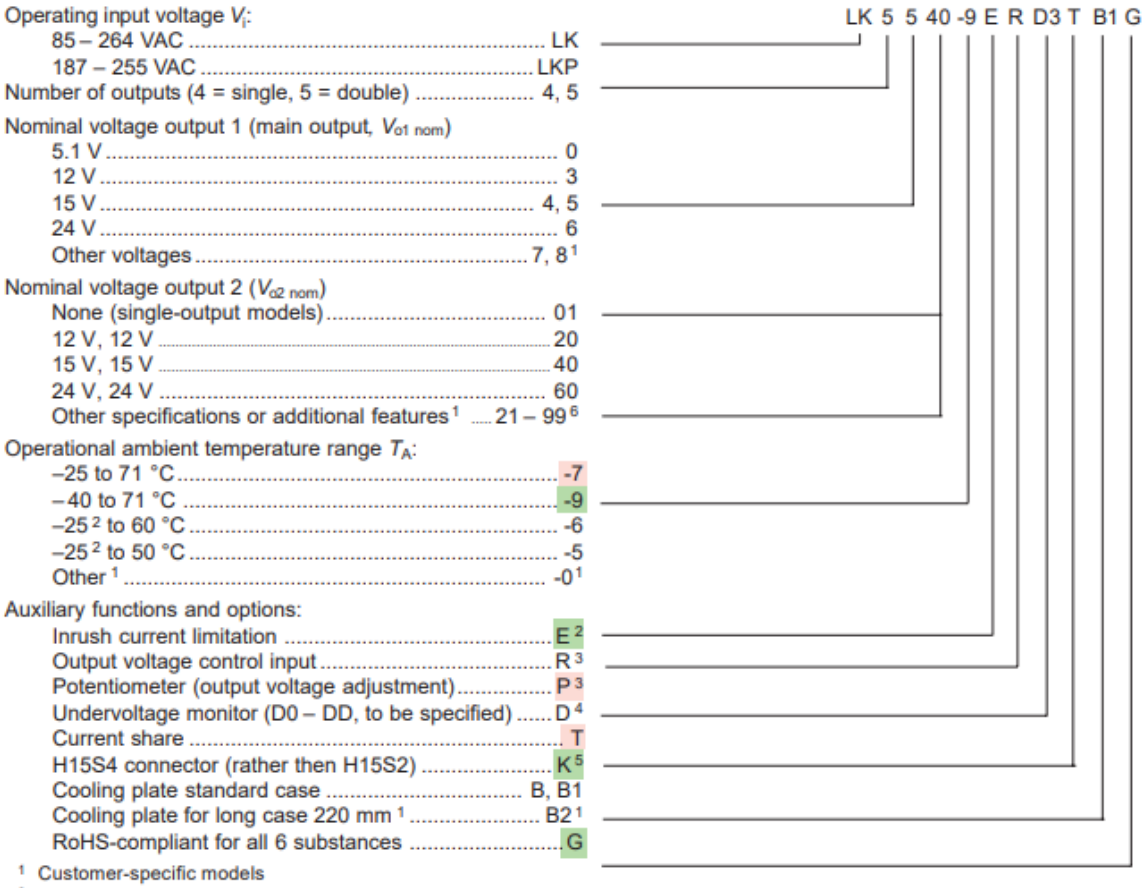
No.	P/N	No.	P/N
1	LK4501-9ERG	22	LS4001-7ERB1
2	LK4301-7R	23	LS4301-9ERD6B1
3	LK4601-7ER	24	LS4501-7ERB1
4	LK4301-9ERB1	25	LS4501-9ERB1G
5	LK4003-6RK	26	LS4601-7R
6	LK4301-9ER	27	LK4601-7RD8T
7	LK4501-7R	28	LK4601-7RT
8	LS4601-9ERB1	29	LK4601-7P
9	LS4001-9ER	30	LK4601-7PD8
10	LS4501-7R	31	LK4301-7RB1
11	LS4301-7ER	32	LK4002-9ERD7T
12	LS4301-7R	33	LK4601-7R
13	LS4301-9ERB1	34	LK4501-7ERD7T
14	LS4001-7ER	35	LK4501-7ER
15	LS4601-7RD8T	36	LK4003-6ERD4B1
16	LS4601-9ER	37	LK4003-6R
17	LS4601-9ERG	38	LS4001-7P
18	LS4601-7RB1	39	LS4001-7R
19	LS4001-7RD8B1	40	LK4003-6ERTB1
20	LS4002-9EPD0	41	LK4501-9ER
21	LS4601-7ER	42	LK4301-9ERD8TB1

List of Product P/N:

No.	P/N	No.	P/N
43	LK4004-9ERD7T	64	LS4601-9ERBG
44	LK4303-9ERD4T	65	LS4301-9ERD8T
45	LK4003-6ERD8T	66	LS4301-9ERG
46	LK4601-7RTB1	67	LK4601-9ERD8TG
47	LK4602-9ERD8TG	68	LS4001-9EPG
48	LK4301-7RTB1	69	LS4001-9ERG
49	LK4699-9EG	70	LK4301-9ERB1G
50	LK4601-9ERG	71	LS4740-9ERD2G
51	LK4003-6ERK	72	LK4601-9ERTB1G
52	LK4301-9ERD8TB1G	73	LK4004-9ERD7TG
53	LK4601-9ERD4TG	74	LS4601-9EBG
54	LK4301-9ERG	75	LS4602-9ERG
55	LK4601-9ERD8B1G	76	
56	LS4301-9ERB1G	77	
57	LK4601-9ERD8T	78	
58	LK4601-9ERB1	79	
59	LK4602-9ERD8T	80	
60	LK4601-9ER	81	
61	LK4601-9ERD3B1	82	
62	LK4601-9ERD8B1	83	
63	LK4601-9ERT	84	

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

Part Number Description



Operating input voltage V_i:
- 85 – 264 VAC ..... LK
- 187 – 255 VAC ..... LKP

Number of outputs (4 = single, 5 = double) 4, 5

Nominal voltage output 1 (main output, $V_{o1\ nom}$)
- 5.1 V 0
- 12 V 3
- 15 V 4, 5
- 24 V 6
- Other voltages ..... 7, 8 [1]

Nominal voltage output 2 ($V_{o2\ nom}$)
- None (single-output models) 01
- 12 V, 12 V 20
- 15 V, 15 V 40
- 24 V, 24 V 60
- Other specifications or additional features [1] ..... 21 – 99 [6]

Operational ambient temperature range T_A:
- –25 to 71 °C ..... -7
- –40 to 71 °C ..... -9
- –25 [2] to 60 °C ..... -6
- –25 [2] to 50 °C ..... -5
- Other [1] ..... -0 [1]

Auxiliary functions and options:
- Inrush current limitation ..... E [2]
- Output voltage control input ..... R [3]
- Potentiometer (output voltage adjustment) ..... P [3]
- Undervoltage monitor (D0 – DD, to be specified) ..... D [4]
- Current share ..... T
- H15S4 connector (rather then H15S2) ..... K [5]
- Cooling plate standard case ..... B, B1
- Cooling plate for long case 220 mm [1] ..... B2 [1]
- RoHS-compliant for all 6 substances ..... G

[1] Customer-specific models
[2] Option E is mandatory for all -9 models. Models with -5E or -6E are functional down to –40 °C.
[3] Feature R excludes option P and vice versa. Option P is not available for battery charger models.
[4] Option D excludes option V and vice versa; option V is available for models with 5.1 V output only (LK4003, etc.).
[5] Option K is available for models with 5.1 V output only (LK4002, LK4003, etc.) in order to provide compatibility with LK1001 models.
[6] Except numbers specified above

Example: LK5540-9ERD3TB1G: Power factor corrected AC-DC converter, operating input voltage range 85 – 264 VAC, 2 electrically isolated outputs, each providing 15 V, 5 A, equipped with inrush current limiter, R-input to adjust the output voltages, undervoltage monitor D3, current share feature, cooling plate B1, RoHS compliant.

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

NFND: Not for new designs

Preferred for new designs