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: **DC-DC Converter**

Type Designation: **DK Series, DS 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

Prepared by:

Dubnica nad Váhom, Slovakia	**Oct 20,2025**
(Manufacturer) (Place)	*(Date)*

Marian Hostacny, Engineering Manager

Approved by:

Santa Clara, Ca. USA	**Oct 20,2025**
(Manufacturer) (Place)	*(Date)*

Editha S. Vergara,
Sr. Director, Product Compliance

List of Product P/N:

No.	P/N	No.	P/N
1	DK1001-7R	22	DK1601-9ERD5T
2	DK1001-7RT	23	DK1603-7ERB1
3	DK1001-9ERD5T	24	DK1601-9ERG
4	DK1301-7ER	25	DK1604-7R
5	DK1301-7R	26	DK1606-7ERD0
6	DK1301-7RB1	27	DK1614-9ER
7	DK1301-9ER	28	DK1617-9ERD9B1G
8	DK1301-9ERB1	29	DK1621-7ERD9T
9	DK1301-9ERG	30	DK1621-7ERD9TG
10	DK1501-7ER	31	DK1622-5RD9B1
11	DK1501-7R	31	DK1625-5R
12	DK1501-9EP	33	DK1625-5RG
13	DK1501-9EPG	34	DK1629-7R
14	DK1601-7ER	35	DK1725-5
15	DK1601-7ERB1	36	DK1725-5G
16	DK1601-7R	37	DK2320-7R
17	DK1601-7RB1	38	DK2320-7RT
18	DK1601-7RT	39	DK2320-9ERB1
19	DK1601-9ER	40	DK2540-7R
20	DK1601-9ERB1	41	DK2540-9ERG
21	DK1601-9ERB1G	42	DK2551-7RD0TB1

List of Product P/N:

No.	P/N	No.	P/N
43	DK2552-7RD0TB1	64	DS1001-9ERG
44	DK2660-7ERD6T	65	DS1001-9ERTG
45	DK2660-7R	66	DS1005-7ERD0B1
46	DK2660-7RB1	67	DS1008-5RB1
47	DK2660-9ER	68	DS1301-7R
48	DK2660-9ERB1G	69	DS1301-7RB1
49	DK2660-9ERG	70	DS1301-9ERB1
50	DK2664-7RD9B1	71	DS1301-9ERTG
51	DK2664-9ERD9B1G	72	DS1501-9ERG
52	DK2665-5RD9B1	73	DS1601-7R
53	DK2665-5RD9B1G	74	DS1601-7RB1
54	DK2666-5RD9B1	75	DS1601-9ER
55	DK2666-5RD9B1G	76	DS1601-9ERBG
56	DK2681-0ER	77	DS1601-9ERD5
57	DK2740-9ERG	78	DS1601-9ERD5G
58	DK2777-9ETG	79	DS1601-9ERG
59	DS1301-9ERG	80	DS1602-7R
60	DS1501-7ER	81	DS1602-9RG
61	DS1501-9ERBG	82	DS1610-7ERD9T
62	DS1001-7RB1	83	DS1610-7ERD9TG
63	DS1001-9ER	84	DS2540-7R

List of Product P/N:

No.	P/N	No.	P/N
85	DS2540-9ERBG	106	
86	DS2540-9ERG	107	
87	DS2660-7R	108	
88	DS2660-9ER	109	
89	DS2660-9ERB1	110	
90	DS2660-9ERD5	111	
91	DS2660-9ERD5G	112	
92	DS2660-9ERG	113	
93	DS2663-9ER	114	
94		115	
95		116	
96		117	
97		118	
98		119	
99		120	
100		121	
101		122	
102		123	
103		124	
104		125	
105		126	

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

Part Number Description

CK 2 5 40 -9 E R D3 T B1 G

Operating input voltage V_i:
- 8 – 35 VDC ..... AK
- 14 – 70 VDC ..... BK
- 20 – 100 VDC ..... FK
- 28 – 140 VDC ..... CK
- 44 – 220 VDC ..... DK
- 67 – 385 VDC ..... EK
- 100 – 240 VAC (rated voltage) or 88 – 372 VDC ..... LK

Number of outputs 1, 2

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

Nominal voltage of 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

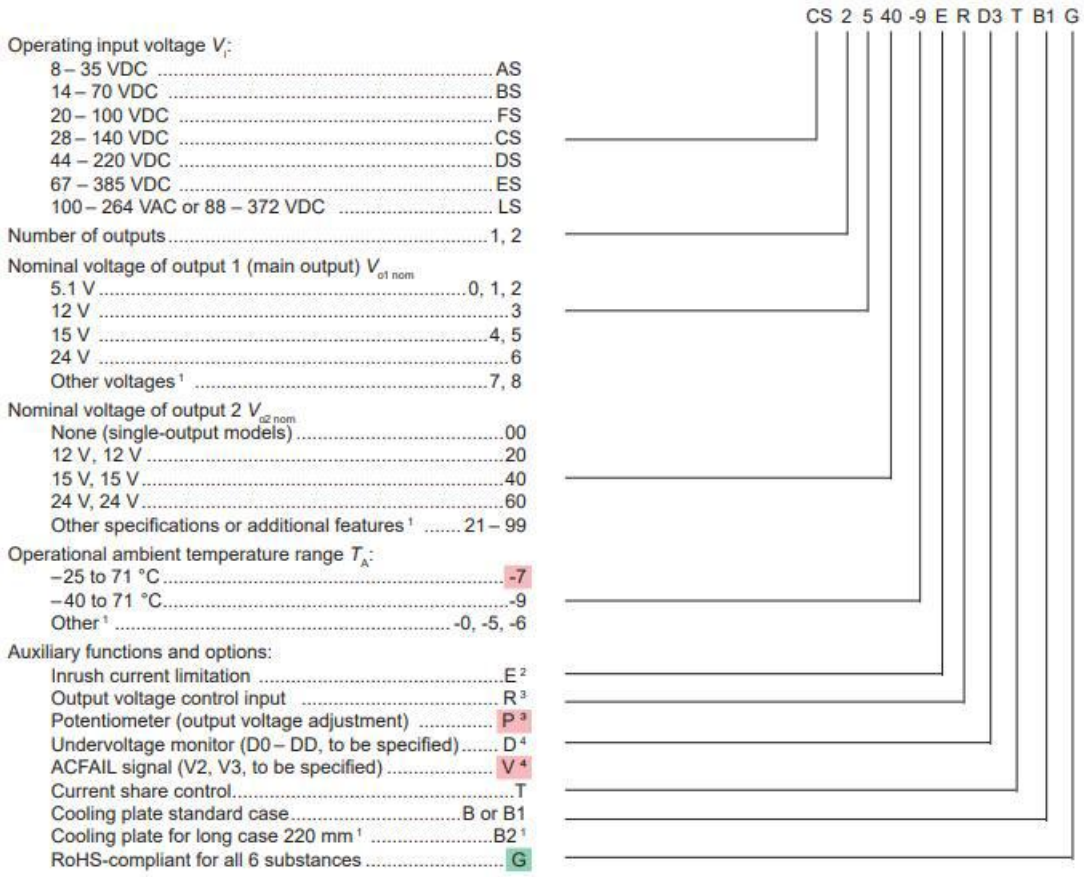
Operational ambient temperature range T_A:
- –25 to 71 °C ..... -7
- –40 to 71 °C ..... -9
- Other [1] ..... -0, -5, -6

Auxiliary functions and options:
- Inrush current limitation ..... E [2]
- Output voltage control input ..... R [3]
- Potentiometer (output voltage adjustment) ..... P [3]
- V_i / V_o monitor (D0 – DD, to be specified [1]) ..... D [4]
- ACFAIL signal ..... V [4]
- Current share control ..... T
- H15 standard connector for 5.1 V output models ..... K [5]
- Cooling plate standard case ..... B or 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, except AK, BK, FK.
[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 single-output models with 5.1 V only.
[5] Option K is available for single-output models with 5.1 V output to avoid the expensive H15-S4 connector.

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

Part Number Description



[1] Customer-specific models
[2] Option E is mandatory for all -9 models, except AS and BS.
[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 only available for models with 5.1 V single output.

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

Example: CS2540-9ERD3TB1G: DC-DC converter, operating input voltage range 28 – 140 VDC, 2 electrically isolated outputs, each providing 15 V, 3.2 A, input current limiter E, control input R to adjust the output voltages, undervoltage monitor D3, current share feature T, cooling plate B1, and RoHS-compliant for all six substances.