

Proprietary Information of:  bel POWER SOLUTIONS & PROTECTION	Title: EMC Declaration of Conformity	Document No. URR.04091	Rev. AC
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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: **24RCM150-12 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
EN 50121-4:2016

Prepared by:



 Dubnica nad Váhom, Slovakia Nov 25, 2019
 (Manufacturer) (Place) (Date)
 Marian Hostacny, Engineering Manager

Approved by:



 Uster, Switzerland Nov 25, 2019
 Rolf Baldauf, VP PMO & VAVE (Place) (Date)

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List of Product P/N:

No.	P/N	No.	P/N
1	24RCM150-12	22	
2	24RCM150-12DMQ	23	
3	24RCM150-12DMQF	24	
4	24RCM150-12DMQFK	25	
5		26	
6		27	
7		28	
8		29	
9		30	
10		31	
11		32	
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21		42	

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

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Part Number Description

		110	RCM	150	-24	D	M	Q	F	K
Operating input voltage $V_{I,cont}$ (continuously):										
16.8 – 45 VDC	24									
50.4 – 137.5 VDC	110									
Series	RCM									
Output power:										
150 W	150									
300 W	300									
Nominal output voltage:										
12 V	-12									
15 V	-15									
24 V	-24									
Auxiliary functions and options:										
Out OK, output voltage adjust, shutdown ¹	D									
Interruption time	M									
ORing FET.....	Q									
Fuse built-in.....	F									
Pluggable Connectors	K									

¹ Opt. D requires the auxiliary connector.

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

Note: All models are RoHS-compliant for all six substances.

Available combinations of options:

24/110RCMxxx-xx (K)
24/110RCMxxx-xxD (K)
24/110RCMxxx-xxDF (K)
24/110RCMxxx-xxDMQ (K)
24/110RCMxxx-xxDMQF (K)

Example: 110RCM150-24DMQ: DC-DC converter, input voltage range 50.4 to 137.5V continuously, output providing 24 V /6.25 A, monitoring relay, output voltage adjust, shutdown input, interruption time 10 ms, integrated ORing FET, operating ambient temperature $T_A = -40$ to 70 °C, RoHS-compliant for all six substances.