

Proprietary Information of:  POWER SOLUTIONS & PROTECTION a bel group	Title: EMC Declaration of Conformity	Document No. URR.04091	Rev. AD
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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.**
300 Executive Drive, Suite 300
West Orange, NJ 07052
USA

Product: **DC-DC Converter**

Type Designation: **RCM150 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:



 (Manufacturer)
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(Place)

Feb 24th, 2024

(Date)

Approved by:



 Editha S. Vergara, Global Director,
 Safety & Environmental Compliance

Santa Clara, Ca. USA

(Place)

Feb 24th, 2024

(Date)

List of Product P/N:

No.	P/N	No.	P/N
1	24RCM150-12	18	110RCM150-12
2	24RCM150-12D	19	110RCM150-12D
3	24RCM150-12DMQ	20	110RCM150-12DF
4	24RCM150-12DMQK	21	110RCM150-12DMQ
5	24RCM150-12DMQF	22	110RCM150-12DMQF
6	24RCM150-12DMQFK	23	110RCM150-12DMQFK
7	24RCM150-15D	24	110RCM150-15DMQF
8	24RCM150-15DMQ	25	110RCM150-15DMQK
9	24RCM150-15DMQF	26	110RCM150-24
10	24RCM150-15DMQK	27	110RCM150-24D
11	24RCM150-24	28	110RCM150-24DF
12	24RCM150-24D	29	110RCM150-24DMQ
13	24RCM150-24DF	30	110RCM150-24DMQK
14	24RCM150-24DMQ	31	110RCM150-24DMQF
15	24RCM150-24DMQK	32	110RCM150-24DMQFK
16	24RCM150-24DMQF	33	110RCM150-S585
17	24RCM150-24DMQFK		

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

Part Number Description

	110	RCM	150	-24	D	M	Q	F	K
Operating input voltage $V_{i\text{cont}}$ (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)