

Proprietary Information of:  <b>POWER SOLUTIONS &amp; PROTECTION</b>	Title: <b>EMC Declaration of Conformity</b>	Document No. <b>URR.03672</b>	Rev. <b>AB</b>
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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: **24RCM150-24 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:


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

Approved by:


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

**List of Product P/N:**

No.	P/N	No.	P/N
1	24RCM150-24	22	
2	24RCM150-24-G	23	
3	24RCM150-24D	24	
4	24RCM150-24DMQ	25	
5	24RCM150-24DMQF	26	
6	110RCM150-12DMQFK	27	
7	24RCM150-24DMQK	28	
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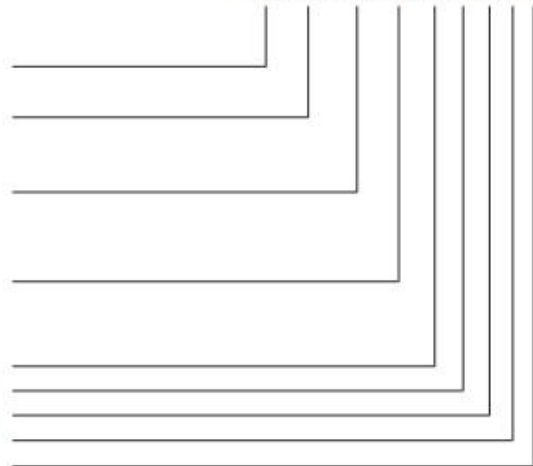
**Note:** model names may be followed by suffix indicating non-EMC critical option



**Part Number Description**

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 <sup>1</sup> .....	D
Interruption time .....	M
ORing FET .....	Q
Fuse built-in .....	F
Pluggable Connectors .....	K

110 RCM 150 -24 D M Q F K



<sup>1</sup> 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.