**Vishay Sfernice** 



## Molded Precision Wirewound Resistors Axial Leads

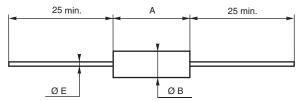


## FEATURES

- 0.75 W to 3 W at 25 °C
- NF C 83-210
- CECC 40201-005
- Low temperature coefficient  $\leq \pm~50~\text{ppm/}^\circ\text{C}$
- Low ohmic values 15 mΩ available
  Excellent behavior against humidity
- Excellent behavior agains
  Electrical insulation
- Mechanical strength
- Accurate sizes
- Termination = Sn/Ag/Cu or pure matte tin according to the ohmic value

High stability and low temperature coefficient are the main features of the precision wirewound resistors type RMB RMBS models just as maintenance parts. Their performances can be compared with those of the best film resistors but they have in addition a greater power rating. RMBS styles meet the more severe requirements of NF C 83-210 (all RMBS styles are approved) and characteristic U of MIL-R-26 E (approximate size of RW 70 and 79 resistors) specifications. The two models RMB and RMBS have a similar construction. RMBS are submitted, in addition to a process which further increases the stability. On request, non-inductive resistors are available under the reference RMB NI.

## **DIMENSIONS** in millimeters



SERIES AND STYLE	RMB 0.75 RMBS 0.5	RMB 1.5 RMBS 1	RMB 3 RMBS 2	
A max.	7	10.2	16.2	
Ø B max.	2.5	4	6.4	
E ± 0.1	0.6	0.6	0.8	
Weight in g	0.3	0.7	1.5	

TECHNICAL SPECIFICATIONS									
VISHAY SFERNICE SERIES AND STYLE NF C 83-210 CECC 40201-005		RMB 0.75	RMB 1.5	RMB 3	RMBS 0.5 🗲	RMBS 1 🗲	RMBS 2		
		-	-	-	RP1	RP2	RP3		
		-	-	-	А	В	С		
Power Rating	at 25 °C	0.75 W	1.5 W	3 W	0.5 W	1 W	2 W		
	at 70 °C	0.6 W	1.2 W	2.4 W	0.4 W	0.8 W	1.6 W		
Ohmic Range in Relation to Tolerance	± 5 % E24	0.1 Ω 2 kΩ	0.1 Ω 6.81 kΩ	0.051 Ω 13 kΩ	0.1 Ω 2 kΩ	0.1 Ω 6.81 kΩ	0.015 Ω 13 kΩ		
	± 2 % E48	0.1 Ω 2 kΩ	0.1 Ω 6.81 kΩ	0.08 Ω 12.3 kΩ	0.1 Ω 2 kΩ	0.1 Ω 6.81 kΩ	0.078 Ω 12.4 kΩ		
	± 1 % E96	0.1 Ω 2 kΩ	0.1 Ω 6.81 kΩ	0.1 Ω 12.4 kΩ	0.1 Ω 2 kΩ	0.1 Ω 6.81 kΩ	0.1 Ω 12.4 kΩ		
	± 0.5 % E96	0.4 Ω 2 kΩ	0.4 Ω 6.81 kΩ	0.3 Ω 12.4 kΩ	0.4 Ω 2 kΩ	0.4 Ω 6.81 kΩ	0.3 Ω 12.4 kΩ		
	± 0.1 %	Please consult VISHAY SFERNICE							
Qualified Ohmic Range NF C 83-210	1	-	-	-	1 Ω 174 Ω	1 Ω 590 Ω	1 Ω 1.3 kΩ		
Limiting Element Voltage		not applicable	120 V	200 V	not applicable	120 V	200 V		
Critical Resistance		out of nominal ohmic range							

Undergoes European Quality Insurance System (CECC)

ROHS COMPLIANT



Vishay

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