Vishay Sfernice

www.vishay.com

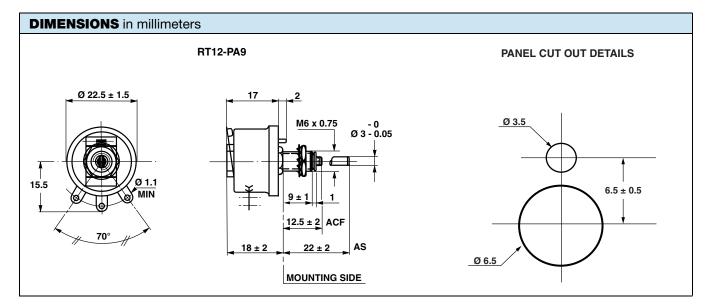
VISHAY

## **Wirewound Rheostat / Potentiometer**



### **FEATURES**

- 12 W at 25 °C
- CCTU 05-03B (PA9)
- Vitreous style
- Material categorization: for definitions of compliance please see <u>www.vishay.com/doc?99912</u>



STANDARD ELECTRICAL SPECIFICATIONS							
MODEL	RESISTANCE RANGE Ω	TOLERANCE ± %	RATED POWER P <sub>25 °C</sub> W	VARIATION LAW STANDARD	LIMITING ELEMENT VOLTAGE V	DIELECTRIC STRENGTH V <sub>RMS</sub>	$\begin{array}{c} \text{INSULATION} \\ \text{RESISTANCE} \\ \Omega \end{array}$
RT12	1 to 2.2K	10	12	Linear	300	1000	10 <sup>3</sup> M (500 V <sub>CC</sub> )

CLIMATIC SPECIFICATIONS			
Temperature range	-55 °C; +320 °C		
Climatic category	CCTU 454 CEI 55 / 200 / 56		

MECHANICAL SPECIFICATIONS			
Mechanical protection	Vitreous		
Mechanical travel	290° + 15° / - 10°		
Operating torque	1 Ncm to 10 Ncm		
End stop torque	25 Ncm		
Unit weight	18.3 g		



**RT12** 

For technical questions, contact: <u>sferfixedresistors@vishay.com</u>

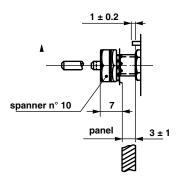




## LOCKING DEVICE

The spindle locking device can be fitted only to special units equipped with a slotted bushing.

Order reference: B



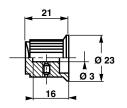
SPINDLES				
Ø mm	DISTANCE TO MOUNTING PLATE MM	SCREW DRIVER SLOT	CODE	
3	12.5	With	ACF	
3	22	Without	AS	

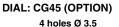
#### Note

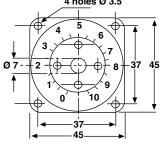
• For any special requirement on request: spindle flats, etc. Please supply detailed drawing.

PARTICULAR CHARACTERISTICS				
NOMINAL RESISTANCE Ω	MAX. SERVICE VOLTAGE V	MAX. CURRENT THROUGH WIPER mA		
1	3.46	3460		
1.5	4.24	2830		
2.2	5.14	2340		
3.3	6.29	1910		
4.7	7.51	1600		
6.8	9.03	1330		
10	11	1100		
15	13.4	900		
22	16.3	740		
33	19.9	603		
47	23.7	505		
68	28.6	420		
100	34.6	346		
150	42.4	283		
220	51.4	234		
330	62.9	191		
470	75.1	160		
680	90.3	133		
1K	110	110		
1.5K	134	90		
2.2K	163	74		

#### COMMAND KNOB: 20JF (OPTION)







#### MARKING

Vishay Sfernice trademark, series, style, ohmic value (in  $\Omega$  or k $\Omega$ ), tolerance (in %), maximum current in A, manufacturing date

Revision: 24-Aug-16

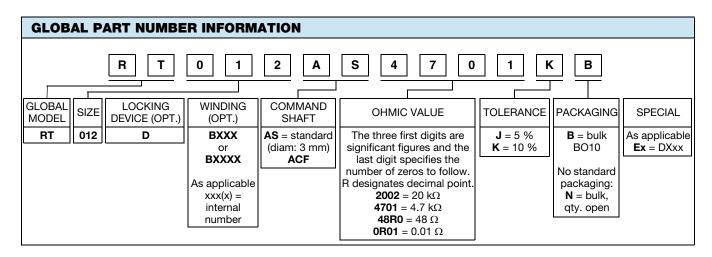
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 ORDERING INFORMATION
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RT	012	AS	1501	к	В	ххх
MODEL	STYLE	SPINDLE	OHMIC VALUE	TOLERANCE	PACKAGING	SPECIAL DESIGN



RELATED DOCUMENTS				
APPLICATION NOTES				
Potentiometers and Trimmers	www.vishay.com/doc?51001			
Guidelines for Vishay Sfernice Resistive and Inductive Components	www.vishay.com/doc?52029			

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