



### **Wirewound Rheostat / Potentiometer**



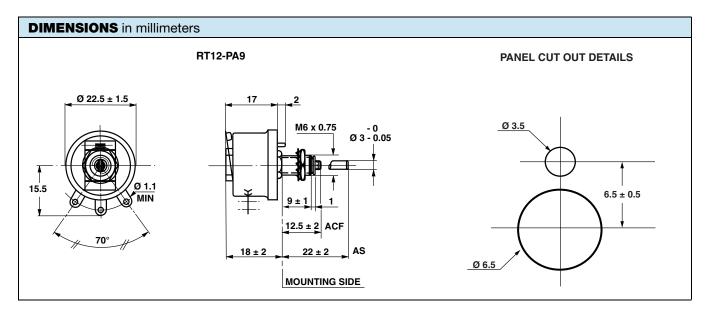
#### **FEATURES**

- 12 W at 25 °C
- CCTU 05-03B (PA9)





 Material categorization: for definitions of compliance please see <a href="https://www.vishay.com/doc?99912">www.vishay.com/doc?99912</a>



STANDARD ELECTRICAL SPECIFICATIONS							
MODEL	$\begin{array}{c} \text{RESISTANCE} \\ \text{RANGE} \\ \Omega \end{array}$	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> )

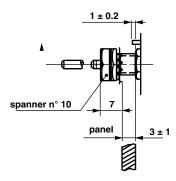
CLIMATIC SPECIFICATIONS		
Temperature range	-55 °C; +320 °C	
Climatic category	CCTU 454 CEI 55 / 200 / 56	

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		

#### **LOCKING DEVICE**

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

Order reference: B



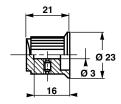
SPINDLES				
Ø mm	DISTANCE TO MOUNTING PLATE MM	SCREW DRIVER SLOT	CODE	
3	12.5	With	ACF	
3	22	Without	AS	

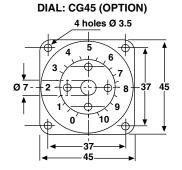
#### Note

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

PARTICULAR CHARACTERISTICS			
NOMINAL RESISTANCE $\Omega$	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)**





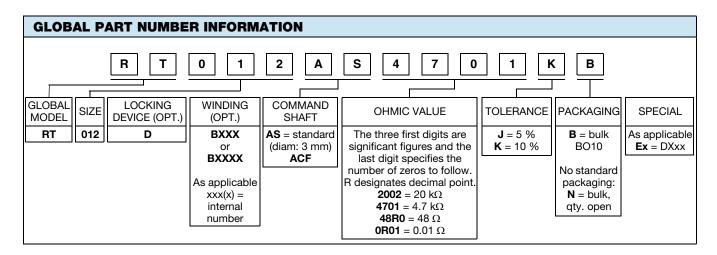
#### **MARKING**

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



# Vishay Sfernice

ORDERING II	NFORMATION					
RT	012	AS	1501	K	В	xxx
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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Vishay

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