



Wirewound Rheostat / Potentiometer



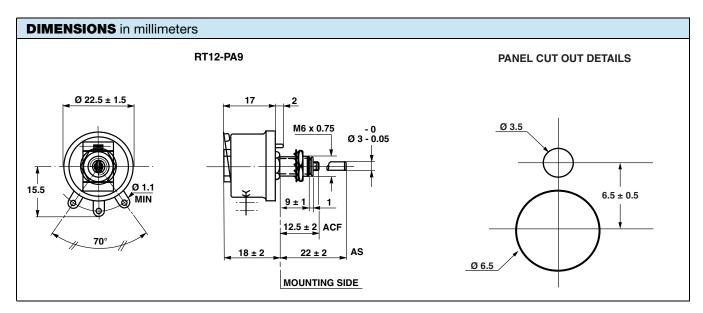
FEATURES

- 12 W at 25 °C
- CCTU 05-03B (PA9)





 Material categorization: for definitions of compliance please see www.vishay.com/doc?99912



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

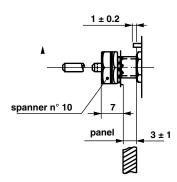
CLIMATIC SPECIFICATIONS		
Temperature range	-55 °C; +320 °C	
Climatic category	CCTU 454 CEI 55 / 200 / 56	

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



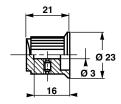
SPINDLES				
Ø mm	DISTANCE TO MOUNTING PLATE MM	SCREW DRIVER SLOT	CODE	
3	12.5	With	ACF	
3	22	Without	AS	

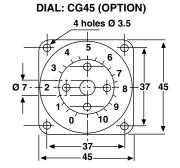
Note

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

PARTICULAR CHARACTERISTICS			
NOMINAL RESISTANCE 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)



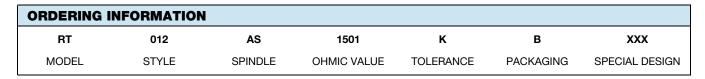


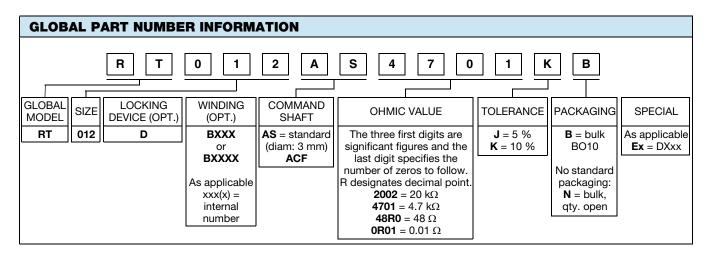
MARKING

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



Vishay Sfernice





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	



Legal Disclaimer Notice

Vishay

Disclaimer

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product.

Vishay makes no warranty, representation or guarantee regarding the suitability of the products for any particular purpose or the continuing production of any product. To the maximum extent permitted by applicable law, Vishay disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.

Statements regarding the suitability of products for certain types of applications are based on Vishay's knowledge of typical requirements that are often placed on Vishay products in generic applications. Such statements are not binding statements about the suitability of products for a particular application. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts. Product specifications do not expand or otherwise modify Vishay's terms and conditions of purchase, including but not limited to the warranty expressed therein.

Hyperlinks included in this datasheet may direct users to third-party websites. These links are provided as a convenience and for informational purposes only. Inclusion of these hyperlinks does not constitute an endorsement or an approval by Vishay of any of the products, services or opinions of the corporation, organization or individual associated with the third-party website. Vishay disclaims any and all liability and bears no responsibility for the accuracy, legality or content of the third-party website or for that of subsequent links.

Except as expressly indicated in writing, Vishay products are not designed for use in medical, life-saving, or life-sustaining applications or for any other application in which the failure of the Vishay product could result in personal injury or death. Customers using or selling Vishay products not expressly indicated for use in such applications do so at their own risk. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay. Product names and markings noted herein may be trademarks of their respective owners.