



Wirewound Rheostat / Potentiometer

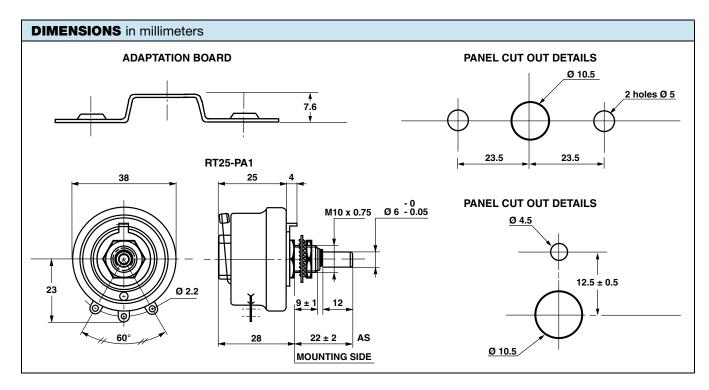


FEATURES

- 25 W at 25 °C
- CCTU 05-03B (PA1)
- Vitreous RT style



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



STANDARD ELECTRICAL SPECIFICATIONS							
MODEL	$\begin{array}{c} \textbf{RESISTANCE} \\ \textbf{RANGE} \\ \Omega \end{array}$	TOLERANCE ± %	RATED POWER P _{25 °C} W	VARIATION LAW STANDARD (1)	LIMITING ELEMENT VOLTAGE V	DIELECTRIC STRENGTH V _{RMS}	$\begin{array}{c} \textbf{INSULATION} \\ \textbf{RESISTANCE} \\ \Omega \end{array}$
RT25	1 to 4.7K	10	25	Linear	300	1000	10 ³ M (500 V _{CC})

Note

(1) On request: sectorial winding

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

MECHANICAL SPECIFICATIONS			
Mechanical protection	Vitreous		
Mechanical travel	300° ± 5°		
Operating torque	1 Ncm to 10 Ncm		
End stop torque	50 Ncm		
Unit weight	80 g		

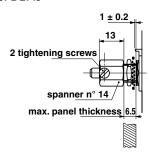


LOCKING DEVICE

This is supplied as an option.

The available spindle length is according to the panel thickness.

Order reference: DBA6



ADAPTATION BOARD

This enables 2 point mounting instead of bush mounting. The adaptation board is supplied as an option with 2 mounting screws. Consequently, the available spindle length is reduced by 9.5 mm.

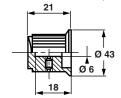
SPINDLES				
Ø mm	DISTANCE TO MOUNTING PLATE mm	SCREW DRIVER SLOT	CODE	
6	22	With	ASF	
	05	Without	AM	
0	25	With	AMF	
	50	Without	AL	
6	22	Without	AS	

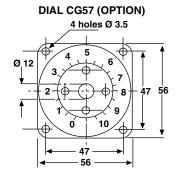
Note

 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	5	5000		
1.5	6.12	4080		
2.2	7.42	3370		
3.3	9.08	2750		
4.7	10.8	2300		
6.8	13	1920		
10	15.8	1580		
15	19.4	1290		
22	23.5	1070		
33	28.7	870		
47	34.3	730		
68	41.2	605		
100	50	500		
150	61.2	408		
220	74.2	337		
330	90.8	275		
470	108	230		
680	130	192		
1K	158	158		
1.5K	194	129		
2.2K	235	107		
3.3K	287	87		
4.7K	343	73		

COMMAND SHAFT 29JF (OPTION)





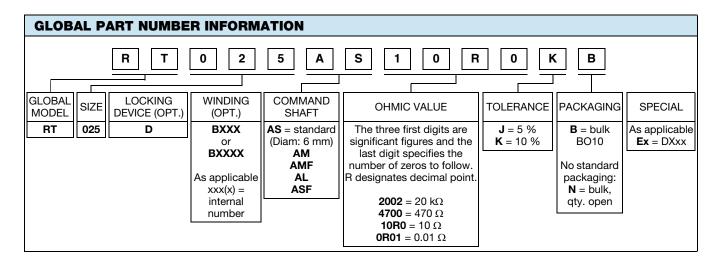
MARKING

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



Vishay Sfernice

ORDERING INFORMATION						
RT	025	ASF	2201	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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