Vishay Sfernice



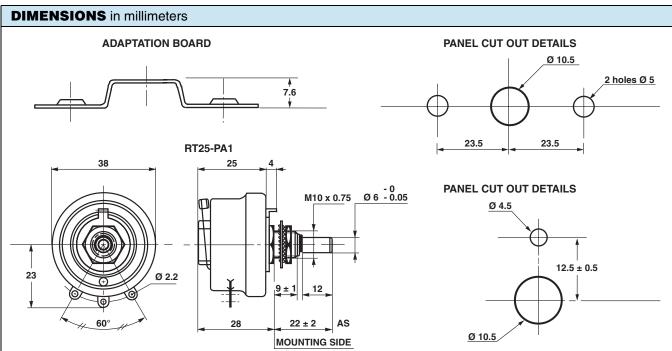
Wirewound Rheostat/Potentiometer



FEATURES

- 25 W at 25 °C
- CCTU 05-03B (PA1)
- · Vitreous RT style
- Compliant to RoHS directive 2002/95/EC





MECHANICAL SPECIFICATIONS

Mechanical ProtectionVitreousMechanical Travel300° ± 5°

Operating Torque 1 Ncm to 10 Ncm

End Stop Torque 50 Ncm **Unit Weight** 80 g

ENVIRONMENTAL SPECIFICATIONS

Temperature Range - 55 °C + 320 °C CIImatic Category CCTU 454 CEI 55/200/56

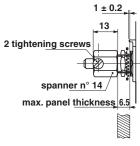
ELECTRICAL SPECIFICATIONS			
Ohmic Range		1 Ω to 4.7 k Ω	
Tolerance Standard		± 10 %	
Power Rating		25 W at 25 °C	
Variation Law	Standard	Linear	
	On request	Sectorial winding	
Dielectric Strength		1000 V _{RMS}	
Insulation Resistance		$10^3\mathrm{M}\Omega$ (500 V _{CC})	

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.

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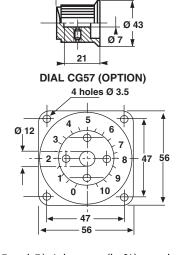
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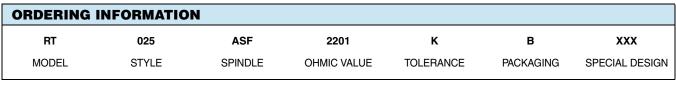
SPINDLES				
Ø mm	DISTANCE TO MOUNTING PLATE mm	SCREW DRIVER SLOT	CODE	
6	22	With	ASF	
	25	Without	AM	
	25	With	AMF	
	50	Without	AL	
6	22	Without	AS	
	special requirement on supply detailed drawing.	request: spindle	flats, etc.	
	COMMAND SHAFT 2	9JF (OPTION)		
	18			

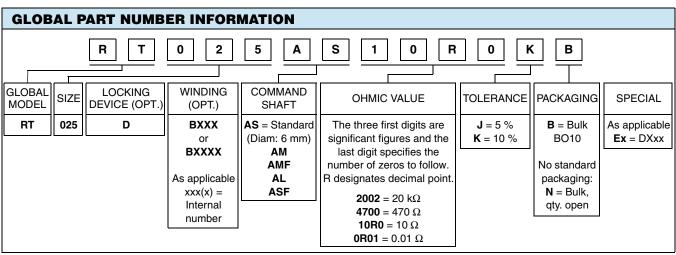
PARTICULAR CHARACTERISTICS				
$\begin{array}{c} \textbf{NOMINAL} \\ \textbf{RESISTANCE} \\ \Omega \end{array}$	MAX. SERVICE VOLTAGE V	MAX. CURRENT THROUGH WIPER mA		
1	5	5000		
1.5	6.12	4080		
2.2	7.42	3370		
3.3	9.08	2750		
4.7	10.8	2300		
6.8	13	1920		
10	15.8	1580		
15	19.4	1290		
22	23.5	1070		
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		



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.





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