RT25 Vishay Sfernice

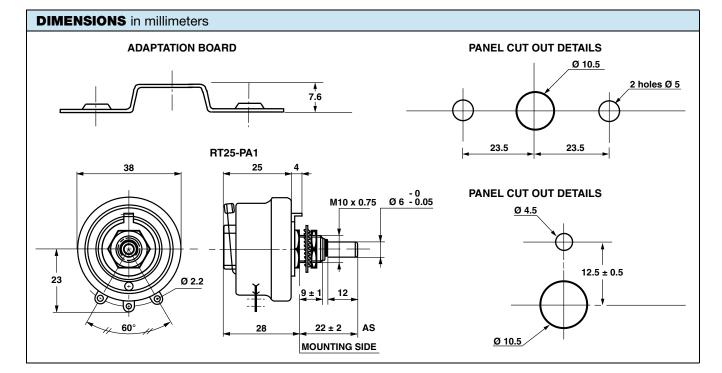
'ISHA' www.vishay.com

Wirewound Rheostat / Potentiometer



FEATURES

- 25 W at 25 °C
- CCTU 05-03B (PA1)
- Vitreous RT style
- COMPLIANT • Material categorization: for definitions of compliance please see www.vishay.com/doc?99912



STANDARD ELECTRICAL SPECIFICATIONS							
MODEL	RESISTANCE RANGE Ω	TOLERANCE ± %	RATED POWER P _{25 °C} W	VARIATION LAW STANDARD ⁽¹⁾	LIMITING ELEMENT VOLTAGE V	DIELECTRIC STRENGTH V _{RMS}	$\underset{\Omega}{\text{INSULATION}}$
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			

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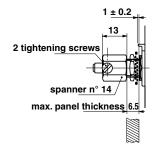


LOCKING DEVICE

This is supplied as an option.

The available spindle length is according to the panel thickness.

Order reference: DBA6



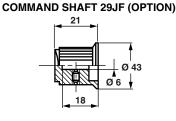
ADAPTATION BOARD

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.

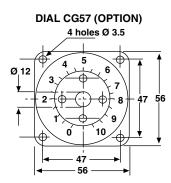
SPINDLES				
Ø mm	DISTANCE TO MOUNTING PLATE mm	SCREW DRIVER SLOT	CODE	
	22	With	ASF	
6	25	Without	AM	
	23	With	AMF	
	50	Without	AL	
6	22	Without	AS	

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			



MARKING

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

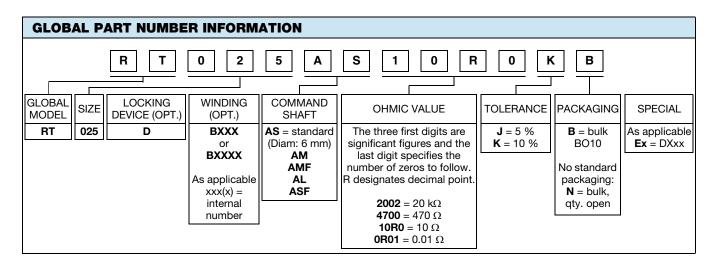
Revision:	21-	-Feb-	2019
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RT25



ORDERING II	NFORMATION					
RT	025	ASF	2201	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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