



Wirewound Rheostat / Potentiometer



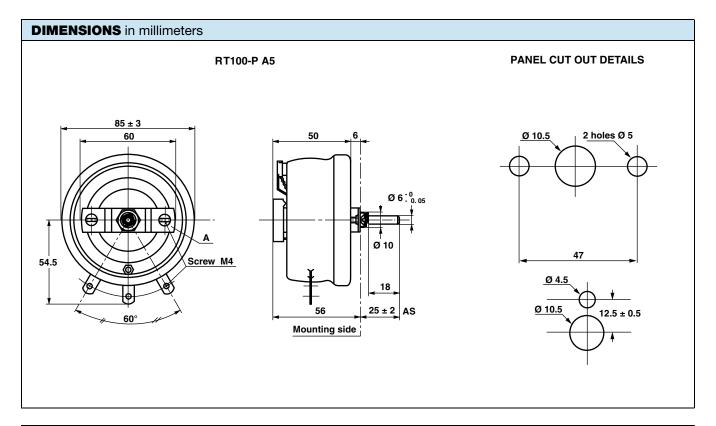
FEATURES

- 100 W at 25 °C
- CCTU 05-03B (PA5)





 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 (1)	LIMITING ELEMENT VOLTAGE V	DIELECTRIC STRENGTH V _{RMS}	$\begin{array}{c} \text{INSULATION} \\ \text{RESISTANCE} \\ \Omega \end{array}$
RT100	1 to 15K	10	100	Linear	850	1500	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	4 Ncm to 20 Ncm	
End stop torque	100 Ncm	
Unit weight	400 g	





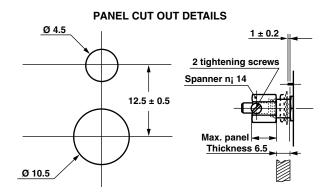
LOCKING DEVICE

Supplied as an option the spindle locking device can only be fitted to units with control mounting and locating peg.

The part A is removed (see drawing).

The available spindle length is according to the panel thickness.

Order reference: DBA6



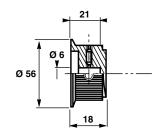
SPINDLES				
Ø mm	DISTANCE TO MOUNTING PLATE mm	SCREW DRIVER SLOT	CODE	
6	22	Without	AD	
	22	With	ADF	
	25	With	ASF	
	23	Without	AL	
	50	Without	AS	

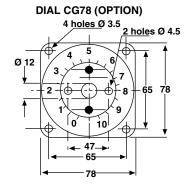
Note

 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 A		
1	10	10		
1.5	12.2	8.16		
2.2	14.8	6.74		
3.3	18.2	5.50		
4.7	21.7	4.61		
6.8	26.1	3.84		
10	31.6	3.16		
15	38.7	2.58		
22	46.9	2.13		
33	57.4	1.74		
47	68.6	1.46		
68	82.5	1.2		
100	100	1		
150	122	0.816		
220	148	0.674		
330	182	0.550		
470	217	0.461		
680	261	0.384		
1K	316	0.316		
1.5K	387	0.258		
2.2K	469	0.213		
3.3K	574	0.174		
4.7K	686	0.146		
6.8K	825	0.121		
10K	850	0.085		
15K	850	0.057		

COMMAND KNOB 41JF (OPTION)



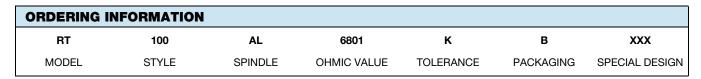


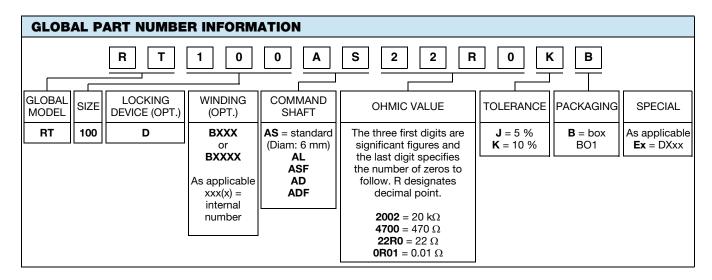
MARKING

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

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