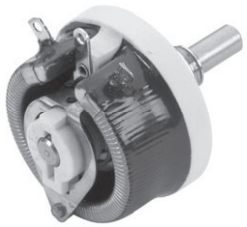
Wirewound Rheostat / Potentiometer

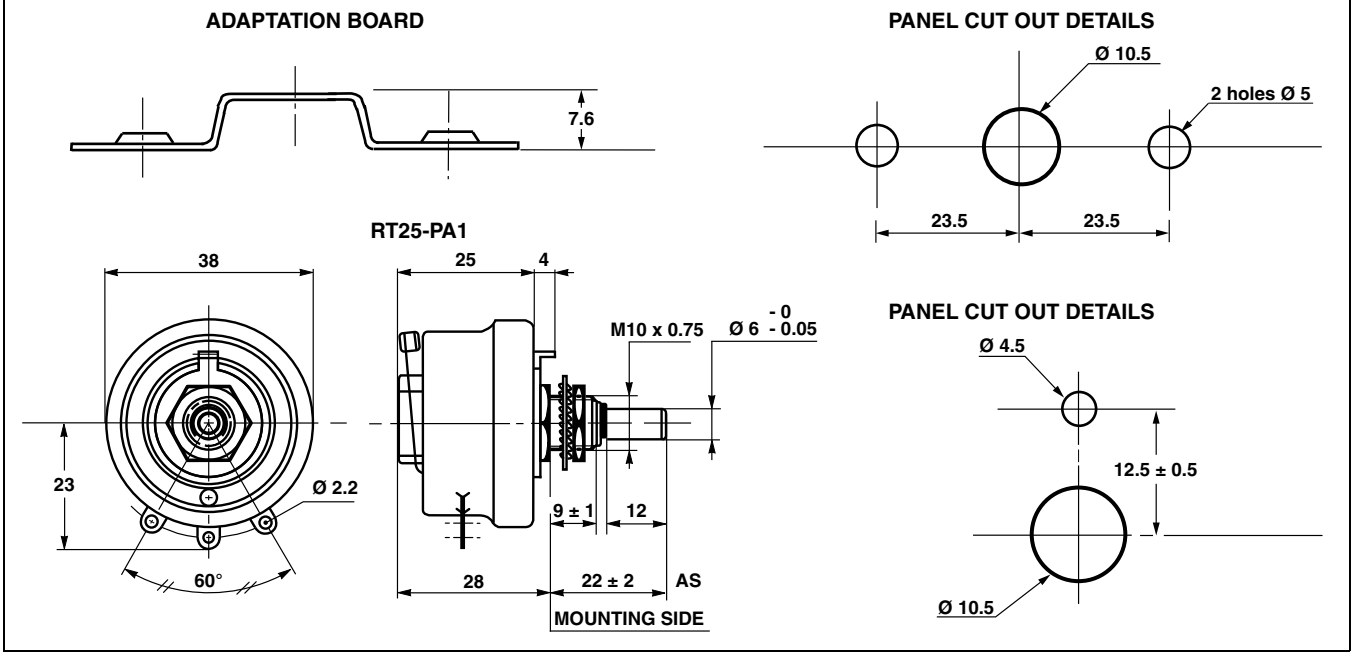


FEATURES

- 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

RoHS COMPLIANT

DIMENSIONS in millimeters



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}	INSULATION RESISTANCE Ω
RT25	1 to 4.7K	10	25	Linear	300	1000	10^3M (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

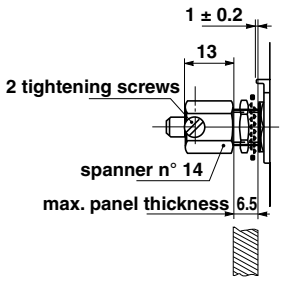
Mechanical protection	Vitreous
Mechanical travel	300° ± 5°
Operating torque	1 Ncm to 10 Ncm
End stop torque	50 Ncm
Unit weight	80 g

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
	25	Without	AM
		With	AMF
	50	Without	AL
6	22	Without	AS

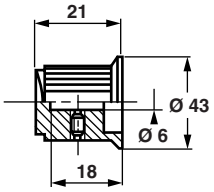
Note

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

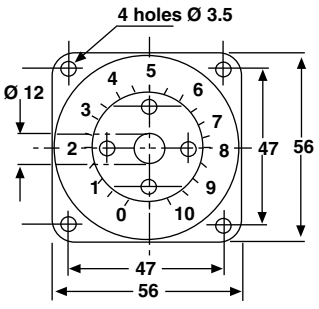
PARTICULAR CHARACTERISTICS

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)



DIAL CG57 (OPTION)



MARKING

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

ORDERING INFORMATION

RT	025	ASF	2201	K	B	XXX
MODEL	STYLE	SPINDLE	OHMIC VALUE	TOLERANCE	PACKAGING	SPECIAL DESIGN

GLOBAL PART NUMBER INFORMATION

R	T	0	2	5	A	S	1	0	R	0	K	B

GLOBAL MODEL	SIZE	LOCKING DEVICE (OPT.)	WINDING (OPT.)	COMMAND SHAFT	OHMIC VALUE	TOLERANCE	PACKAGING	SPECIAL
RT	**025**	**D**	**BXXX** or **BXXXX** As applicable xxx(x) = internal number	**AS** = standard (Diam: 6 mm) **AM** **AMF** **AL** **ASF**	The three first digits are significant figures and the last digit specifies the number of zeros to follow. R designates decimal point. **2002** = 20 kΩ **4700** = 470 Ω **10R0** = 10 Ω **0R01** = 0.01 Ω	**J** = 5 % **K** = 10 %	**B** = bulk BO10 No standard packaging: **N** = bulk, qty. open	As applicable **Ex** = DXxx

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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