

## Wirewound Rheostat/Potentiometer



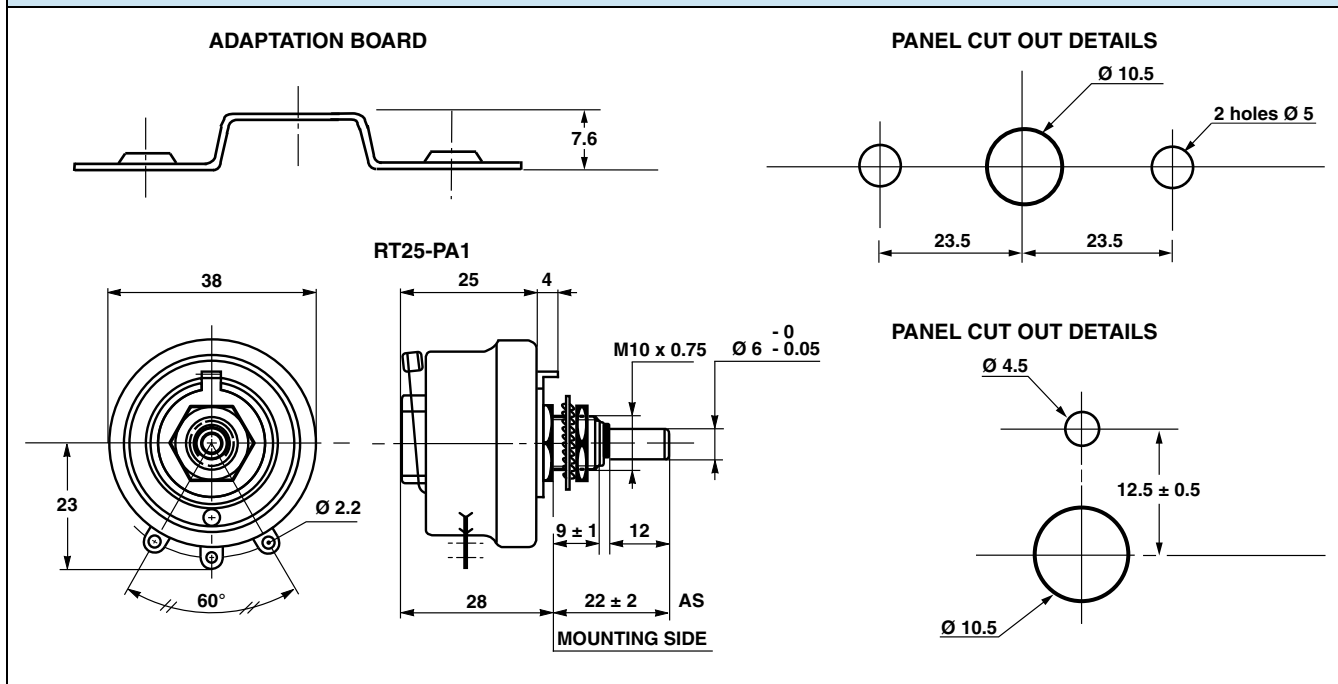
### FEATURES

- 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](http://www.vishay.com/doc?99912)



**RoHS**  
COMPLIANT

### DIMENSIONS in millimeters



### 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

### ENVIRONMENTAL SPECIFICATIONS

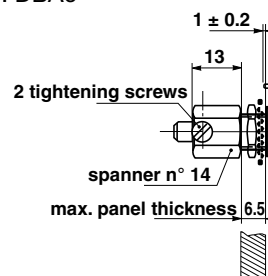
**Temperature Range:** - 55 °C + 320 °C  
**Climatic Category:** CCTU 454, CEI 55/200/56

### ELECTRICAL SPECIFICATIONS

Ohmic Range	1 Ω to 4.7 kΩ
Tolerance Standard	± 10 %
Power Rating	25 W at 25 °C
Variation Law	Standard: Linear On request: Sectorial winding
Dielectric Strength	1000 V <sub>RMS</sub>
Insulation Resistance	10 <sup>3</sup> MΩ (500 V <sub>CC</sub> )

### 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.

**PARTICULAR CHARACTERISTICS**

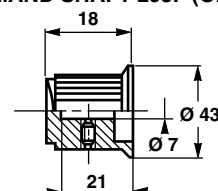
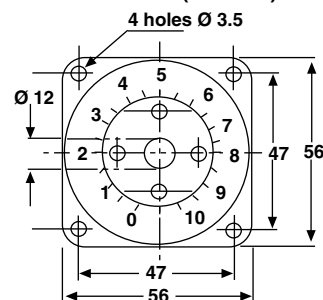
NOMINAL RESISTANCE $\Omega$	MAX. SERVICE VOLTAGE V	MAX. CURRENT THROUGH WIPER mA
1	5	5000
1.5	6.12	4080
2.2	7.42	3370
3.3	9.08	2750
4.7	10.8	2300
6.8	13	1920
10	15.8	1580
15	19.4	1290
22	23.5	1070
33	28.7	870
47	34.3	730
68	41.2	605
100	50	500
150	61.2	408
220	74.2	337
330	90.8	275
470	108	230
680	130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

**SPINDLES**

$\varnothing$ mm	DISTANCE TO MOUNTING PLATE mm	SCREW DRIVER SLOT	CODE
6	22	With	ASF
	25	Without	AM
		With	AMF
6	50	Without	AL
	22	Without	AS

**Note**

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

**COMMAND SHAFT 29JF (OPTION)**

**DIAL CG57 (OPTION)**

**MARKING**

Vishay Sfernice trademark, series, style, power rating in watts, ohmic value (in  $\Omega$  or k $\Omega$ ), 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**

<div style="display: flex; justify-content: space-around; font-weight: bold;"> <span>R</span><span>T</span><span>0</span><span>2</span><span>5</span><span>A</span><span>S</span><span>1</span><span>0</span><span>R</span><span>0</span><span>K</span><span>B</span> </div>								
GLOBAL MODEL <b>RT</b>	SIZE <b>025</b>	LOCKING DEVICE (OPT.) <b>D</b>	WINDING (OPT.) <b>BXXX</b> or <b>BXXXX</b>  As applicable xxx(x) = Internal number	COMMAND SHAFT <b>AS</b> = Standard (Diam: 6 mm) <b>AM</b> <b>AMF</b> <b>AL</b> <b>ASF</b>	OHMIC VALUE  The three first digits are significant figures and the last digit specifies the number of zeros to follow. R designates decimal point.  <b>2002</b> = 20 k $\Omega$ <b>4700</b> = 470 $\Omega$ <b>10R0</b> = 10 $\Omega$ <b>0R01</b> = 0.01 $\Omega$	TOLERANCE  <b>J</b> = 5 % <b>K</b> = 10 %	PACKAGING  <b>B</b> = Bulk <b>BO10</b>  No standard packaging: <b>N</b> = Bulk, qty. open	SPECIAL  As applicable <b>Ex</b> = DXxx



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- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
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## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

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ВЧ соединители, коаксиальные кабели,  
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