

Wirewound Rheostat / Potentiometer

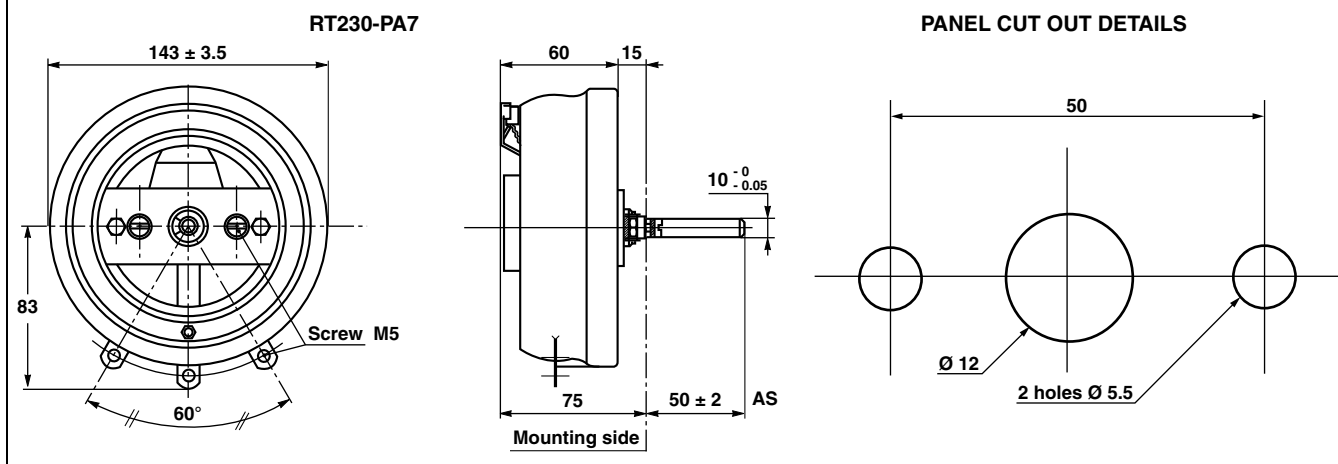


FEATURES

- 250 W at 25 °C
- CCTU 05-03B (PA7)
- Vitreous style
- Material categorization: for definitions of compliance please see www.vishay.com/doc299912


RoHS
COMPLIANT

DIMENSIONS in millimeters



STANDARD ELECTRICAL SPECIFICATIONS

MODEL	RESISTANCE RANGE Ω	TOLERANCE ± %	RATED POWER $P_{25\text{ °C}}$ W	VARIATION LAW STANDARD ⁽¹⁾	LIMITING ELEMENT VOLTAGE V	DIELECTRIC STRENGTH V_{RMS}	INSULATION RESISTANCE Ω
RT230	1 to 22K	10	250	Linear	1500	2000	10 ⁹ 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

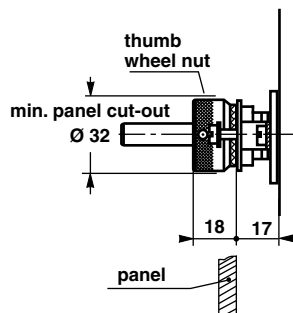
Mechanical protection	Vitreous
Mechanical travel	300° ± 5°
Operating torque	1 Ncm to 50 Ncm
End stop torque	200 Ncm
Unit weight	1300 g

LOCKING DEVICE

This is supplied as an option.

The available spindle length is according to the panel thickness.

Order reference: DBA10



SPINDLES			
Ø mm	DISTANCE TO MOUNTING PLATE MM	SCREW DRIVER SLOT	CODE
10	50	Without	AS

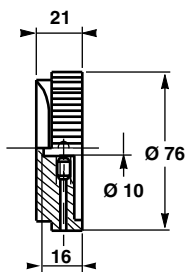
Note

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

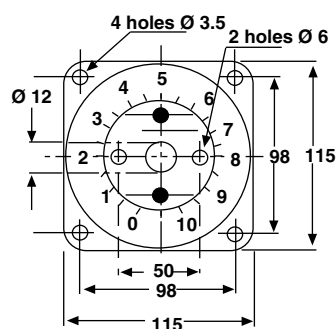
PARTICULAR CHARACTERISTICS

NOMINAL RESISTANCE Ω	MAX. SERVICE VOLTAGE V	MAX. CURRENT THROUGH WIPER A
1	15.2	15.2
1.5	18.6	12.4
2.2	22.5	10.2
3.3	27.6	8.36
4.7	32.9	7
6.8	31.5	5.82
10	48	4.80
15	58.7	3.92
22	71.1	3.23
33	87.1	2.64
47	104	2.21
68	125	1.84
100	152	1.52
150	186	1.24
220	225	1.02
330	276	0.836
470	329	0.700
680	395	0.582
1K	480	0.480
1.5K	587	0.392
2.2K	711	0.323
3.3K	871	0.264
4.7K	1040	0.221
6.8K	1250	0.184
10K	1500	0.150
15K	1940	0.13
22K	2000	0.091

COMMAND KNOB 60JF (OPTION)



DIAL CG115 (OPTION)



MARKING

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



ORDERING INFORMATION

RT	230	AS	1002	K	B	XXX
MODEL	STYLE	SPINDLE	OHMIC VALUE	TOLERANCE	PACKAGING	SPECIAL DESIGN

GLOBAL PART NUMBER INFORMATION

R	T	2	3	0	A	S	2	2	R	0	K	B
GLOBAL MODEL	SIZE	LOCKING DEVICE (OPT.)	WINDING (OPT.)	COMMAND SHAFT	OHMIC VALUE	TOLERANCE	PACKAGING	SPECIAL				
RT	230	D	BXXX or BXXXX As applicable xxx(x) = internal number	AS = standard (Diam: 10 mm)	The first three 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 22R0 = 22 Ω 0R01 = 0.01 Ω	J = 5 % K = 10 %	B = box BO1	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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