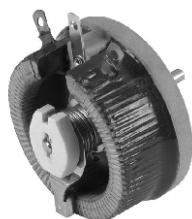


Wirewound Rheostat/Potentiometer



FEATURES

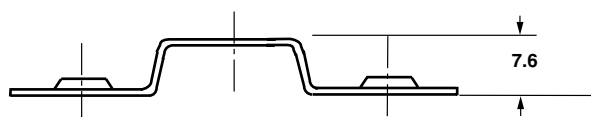
- 55 W at 25 °C
- 40 W at 25 °C
- CCTU 05-03B (PA3)
- Compliant to RoHS directive 2002/95/EC



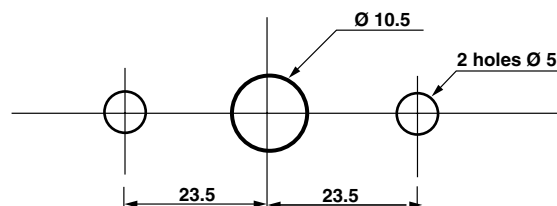
RoHS
COMPLIANT

DIMENSIONS in millimeters

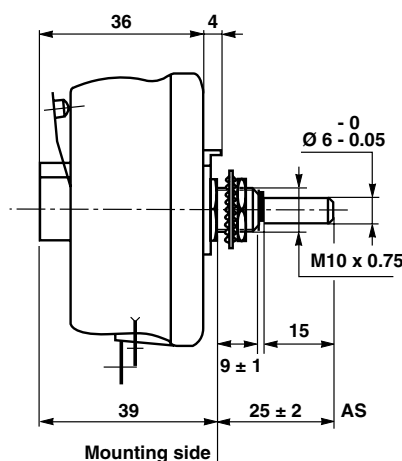
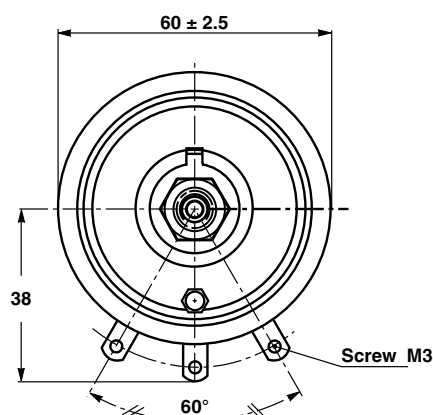
ADAPTATION BOARD



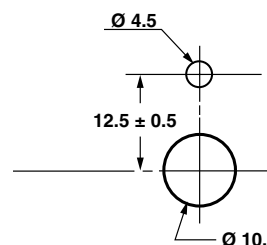
PANEL CUT OUT DETAILS



RT55-PA3



PANEL CUT OUT DETAILS



MECHANICAL SPECIFICATIONS

Mechanical Protection	Vitreous
Mechanical Travel	300° ± 5°
Operating Torque	2 Ncm to 15 Ncm
End Stop Torque	100 Ncm
Unit Weight	175 g

ENVIRONMENTAL SPECIFICATIONS

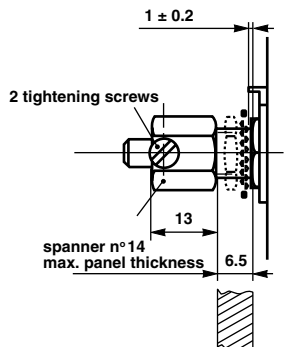
Temperature Range	- 55 °C + 320 °C
Climatic Category	CCTU 454
	CEI 55/200/56

ELECTRICAL SPECIFICATIONS

Ohmic Range	1 Ω to 10 kΩ
Tolerance Standard	± 10 %
Power Rating	55 W at 25 °C
Variation Law	Standard On request
	Linear Sectorial winding
Limiting Element Voltage	500 V (linear law)
Dielectric Strength	1000 V _{RMS}
Insulation Resistance	10 ³ MΩ (500 V _{CC})

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.

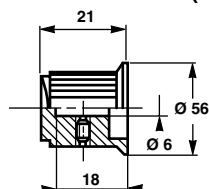
SPINDLES			
Ø mm	DISTANCE TO MOUNTING PLATE mm	SCREW DRIVER SLOT	CODE
6	22	Without	AD
		With	ADF
	25	Without	AS
		With	ASF
	50	Without	AL

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

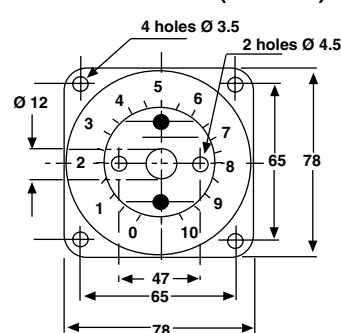
PARTICULAR CHARACTERISTICS

NOMINAL RESISTANCE Ω	MAX. SERVICE VOLTAGE V	MAX. CURRENT THROUGH WIPER A
1	7.41	7.41
1.5	9.08	6.05
2.2	11	5
3.3	4.7	6.8
4.7	16.1	3.42
6.8	19.3	2.84
10	23.5	2.35
15	28.7	1.91
22	34.8	1.58
33	42.6	1.29
47	50.8	1.08
68	61.2	0.9
100	74.1	0.74
150	90.8	0.6
220	110	0.5
330	135	0.4
470	161	0.34
680	193	0.28
1K	235	0.23
1.5K	287	0.19
2.2K	348	0.16
3.3K	426	0.13
4.7K	500	0.11
5.6K	500	0.09
10K	500	0.05

COMMAND KNOB 41JF (OPTION)



DIAL CG78 (OPTION)



MARKING

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

ORDERING INFORMATION

RT	055	AS	4701	K	B	XXX
MODEL	STYLE	SPINDLE	OHMIC VALUE	TOLERANCE	PACKAGING	SPECIAL DESIGN

GLOBAL PART NUMBER INFORMATION

<div> <div>R</div> <div>T</div> <div>0</div> <div>5</div> <div>5</div> <div>A</div> <div>S</div> <div>2</div> <div>2</div> <div>R</div> <div>0</div> <div>K</div> <div>B</div> </div>								
GLOBAL MODEL	SIZE	LOCKING DEVICE (OPT.)	WINDING (OPT.)	COMMAND SHAFT	OHMIC VALUE	TOLERANCE	PACKAGING	SPECIAL
RT	055	D	BXXX or BXXXX As applicable xxx(x) = Internal number	AS = Standard (Diam: 6 mm) AL ASF AD ADF	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 22R0 = 22 Ω 0R01 = 0.01 Ω	J = 5 % K = 10 %	B = Bulk BO1	As applicable Ex = DXxx



Disclaimer

All product specifications and data are subject to change without notice.

Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

Vishay disclaims any and all liability arising out of the use or application of any product described herein or of any information provided herein to the maximum extent permitted by law. The product specifications do not expand or otherwise modify Vishay's terms and conditions of purchase, including but not limited to the warranty expressed therein, which apply to these products.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay for any damages arising or resulting from such use or sale. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Vishay:

[RT055AS1000KB](#) [RT055AS1001KB](#) [RT055AS2201KB](#) [RT055AS22R0KB](#) [RT055AS3300KB](#) [RT055AS1002KB](#)
[RT055AS4701KB](#) [RT055AS10R0KB](#)