

## Wirewound Rheostat/Potentiometer



### FEATURES

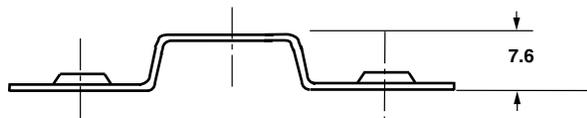
- 55 W at 25 °C
- 40 W at 25 °C
- CCTU 05-03B (PA3)
- Compliant to RoHS directive 2002/95/EC



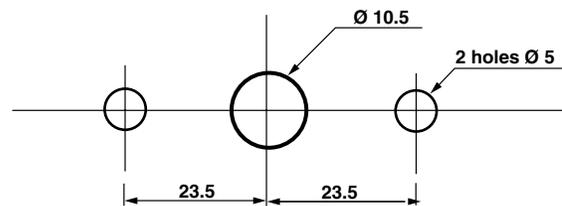
RoHS  
COMPLIANT

### DIMENSIONS in millimeters

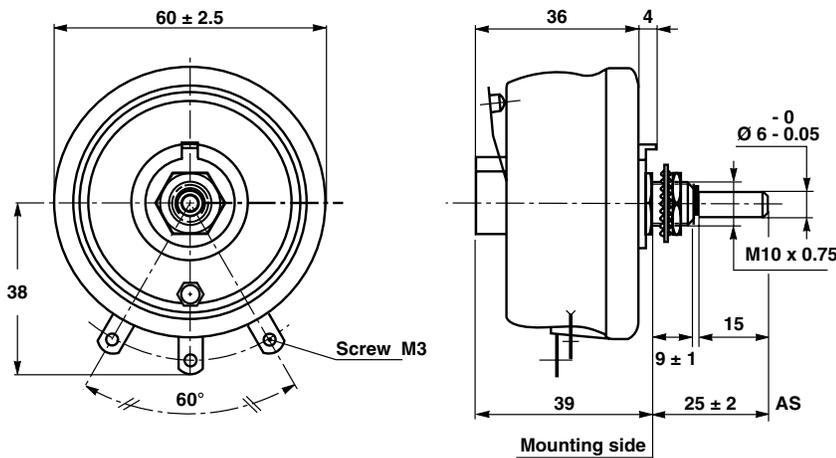
#### ADAPTATION BOARD



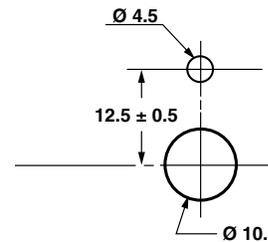
#### PANEL CUT OUT DETAILS



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

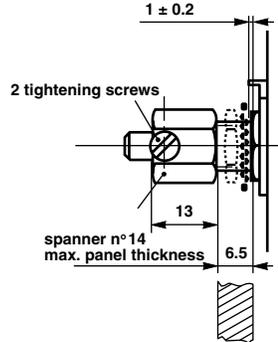
Temperature Range	- 55 °C + 320 °C
Climatic Category	CCTU 454 CEI 55/200/56

### ELECTRICAL SPECIFICATIONS

Ohmic Range	1 Ω to 10 kΩ
Tolerance Standard	± 10 %
Power Rating	55 W at 25 °C
Variation Law	Standard: Linear On request: Sectorial winding
Limiting Element Voltage	500 V (linear law)
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**

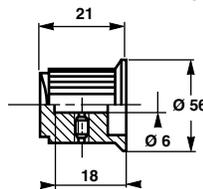
This enables 2 point mounting instead of bush mounting. The adaptation board is supplied as an option with 2 mounting screws.

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

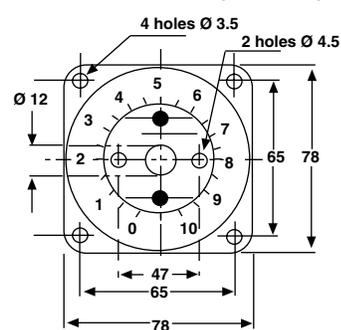
For any special requirement on request: spindle flats, etc.  
Please supply detailed drawing.

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)**

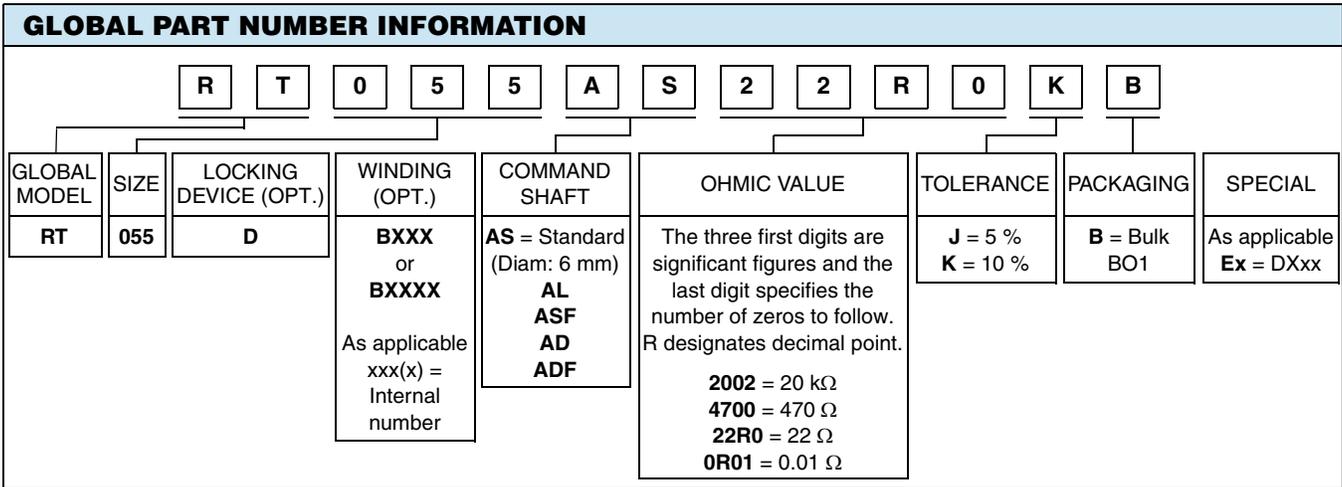


**MARKING**

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



ORDERING INFORMATION						
<b>RT</b>	<b>055</b>	<b>AS</b>	<b>4701</b>	<b>K</b>	<b>B</b>	<b>XXX</b>
MODEL	STYLE	SPINDLE	OHMIC VALUE	TOLERANCE	PACKAGING	SPECIAL DESIGN





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