

Wirewound Rheostat/Potentiometer



FEATURES

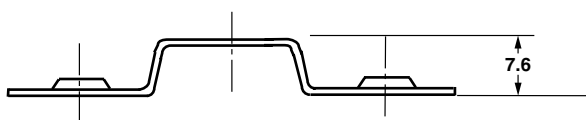
- 25 W at 25 °C
- CCTU 05-03B (PA1)
- Vitreous - RT style
- Compliant to RoHS directive 2002/95/EC



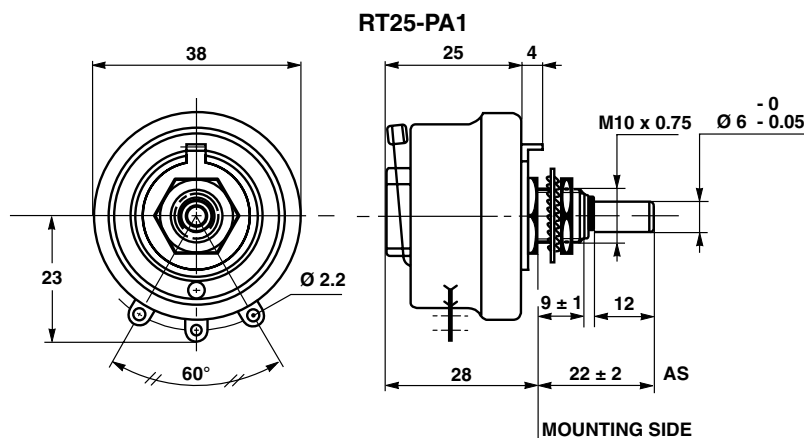
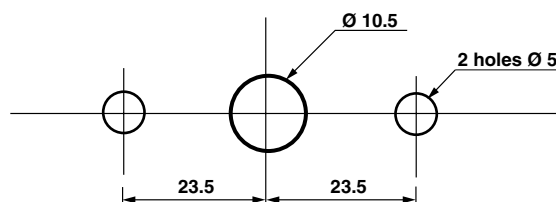
RoHS
COMPLIANT

DIMENSIONS in millimeters

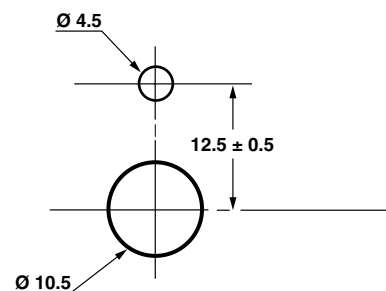
ADAPTATION BOARD



PANEL CUT OUT DETAILS



PANEL CUT OUT DETAILS



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

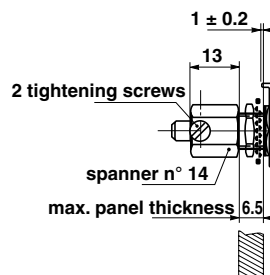
Ohmic Range	1 Ω to 4.7 k Ω
Tolerance Standard	$\pm 10\%$
Power Rating	25 W at 25 $^{\circ}\text{C}$
Variation Law Standard On request	Linear
	Sectorial winding
Dielectric Strength	1000 V _{RMS}
Insulation Resistance	10 ³ M Ω (500 V _{CC})

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. Consequently, the available spindle length is reduced by 9.5 mm.

PARTICULAR CHARACTERISTICS

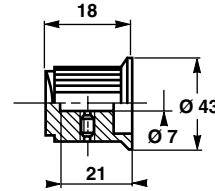
NOMINAL RESISTANCE Ω	MAX. SERVICE VOLTAGE V	MAX. CURRENT THROUGH WIPER mA
1	5	5000
1.5	6.12	4080
2.2	7.42	3370
3.3	9.08	2750
4.7	10.8	2300
6.8	13	1920
10	15.8	1580
15	19.4	1290
22	23.5	1070
33	28.7	870
47	34.3	730
68	41.2	605
100	50	500
150	61.2	408
220	74.2	337
330	90.8	275
470	108	230
680	130	192
1K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

SPINDLES

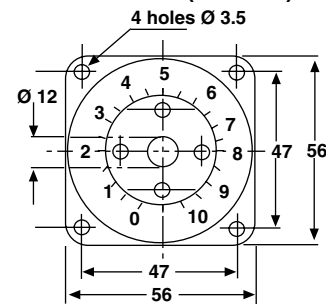
$\varnothing$ mm	DISTANCE TO MOUNTING PLATE mm	SCREW DRIVER SLOT	CODE
6	22	With	ASF
	25	Without	AM
		With	AMF
6	50	Without	AL
	22	Without	AS

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

COMMAND SHAFT 29JF (OPTION)



DIAL CG57 (OPTION)



MARKING

SFERNICE trademark, series, style, power rating in watts, ohmic value (in Ω or k Ω), 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

RT025AS10R0KB								
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 k Ω 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



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