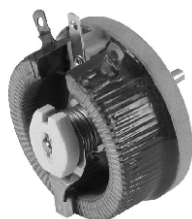


Wirewound Rheostat/Potentiometer



FEATURES

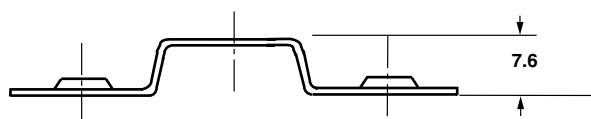
- 55 W at 25 °C
- 40 W at 25 °C
- CCTU 05-03B (PA3)
- Compliant to RoHS directive 2002/95/EC



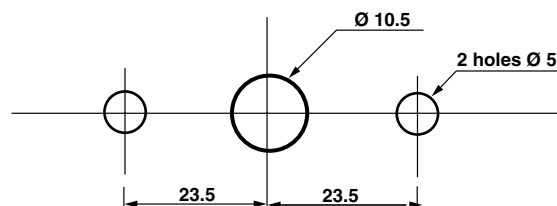
RoHS
COMPLIANT

DIMENSIONS in millimeters

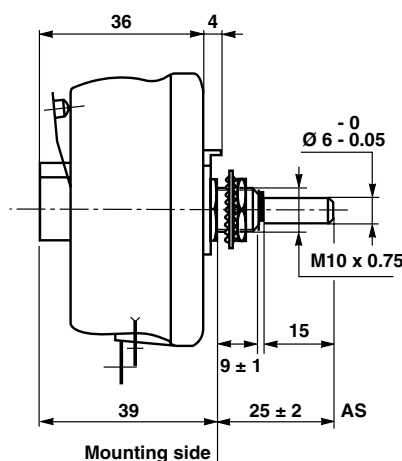
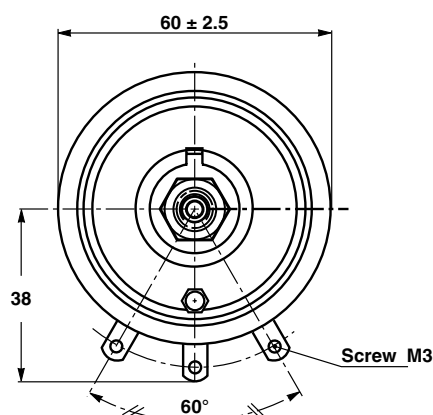
ADAPTATION BOARD



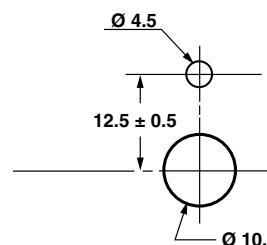
PANEL CUT OUT DETAILS



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

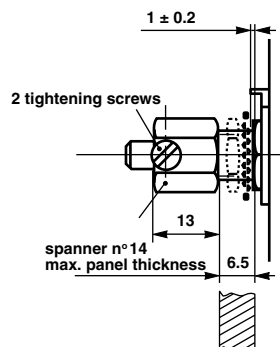
ELECTRICAL SPECIFICATIONS

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.

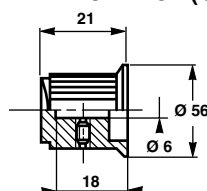
SPINDLES			
Ø mm	DISTANCE TO MOUNTING PLATE mm	SCREW DRIVER SLOT	CODE
6	22	Without	AD
		With	ADF
	25	Without	AS
		With	ASF
	50	Without	AL

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

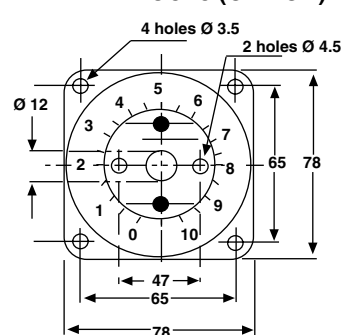
PARTICULAR CHARACTERISTICS

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

R T 0 5 5 A S 2 2 R 0 K B								
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



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