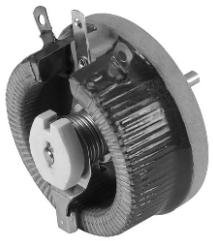
Wirewound Rheostat/Potentiometer



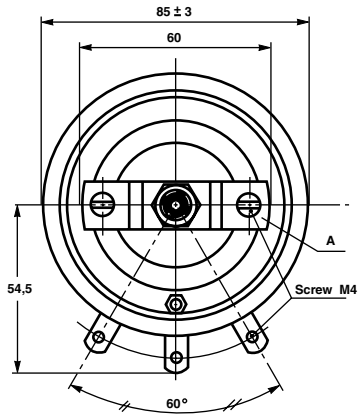
FEATURES

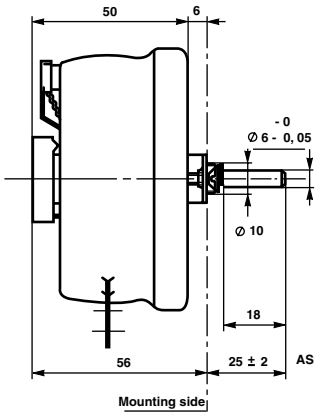
- 100 W at 25 °C
- 70 W at 25 °C
- CCTU 05-03B (PA5)
- Vitreous style

RoHS COMPLIANT

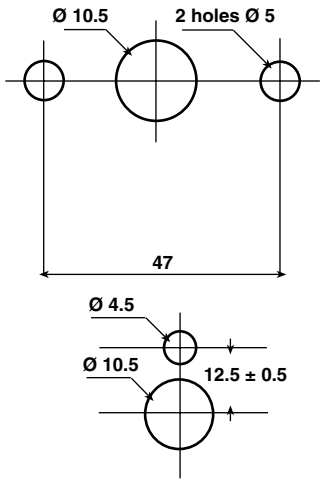
DIMENSIONS in millimeters

RT100-PA5





PANEL CUT OUT DETAILS



MECHANICAL SPECIFICATIONS

Mechanical Protection	Vitreous
Mechanical Travel	300° ± 5°
Operating Torque	4 to 20 Ncm
End Stop Torque	100 Ncm
Unit Weight	400 g

ENVIRONMENTAL SPECIFICATIONS

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

ELECTRICAL SPECIFICATIONS		
Ohmic Range		1 Ω to 15 kΩ
Tolerance Standard		± 10 %
Power Rating		100 W at 25 °C
Variation Law	**Standard**	linear
	On request	sectorial winding
Limiting Element Voltage		850 V
Dielectric Strength		1500 V_{RMS}
Insulation Resistance		10^3 MΩ (500 Vcc)

LOCKING DEVICE

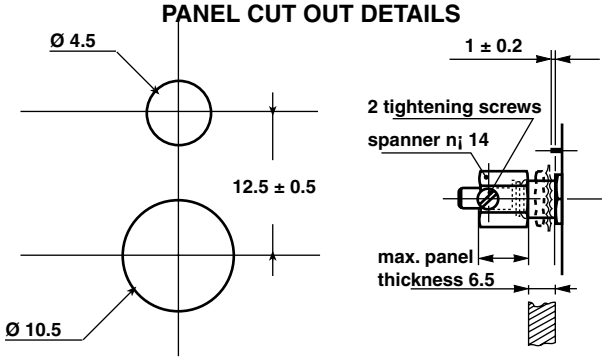
Supplied as an option the spindle locking device can only be fitted to units with control mounting and locating peg.

The part A is removed (see drawing).

The available spindle length is according to the panel thickness.

Order reference: DBA6.

PANEL CUT OUT DETAILS

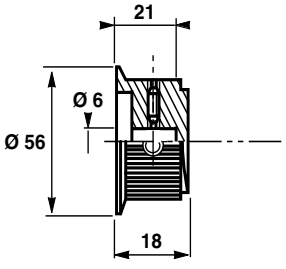


SPINDLES			
Ø mm	DISTANCE TO MOUNTING PLATE mm	SCREW DRIVER SLOT	CODE
6	22	WITHOUT	AD
		WITH	ADF
	25	WITH	ASF
		WITHOUT	AL
6	50	WITHOUT	AS

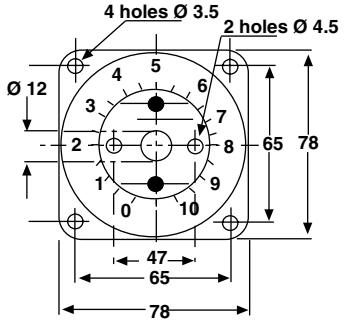
For any special requirement on request: spindle flats, etc. Please supply detailed drawing.

PARTICULAR CHARACTERISTICS		
NOMINAL RESISTANCE Ω	MAX. SERVICE VOLTAGE V	MAX. CURRENT THROUGH WIPER mA
1	10	10
1.5	12..2	8.16
2.2	14.8	6.74
3.3	18.2	5.50
4.7	21.7	4.61
6.8	26.1	3.84
10	31.6	3.16
15	38.7	2.58
22	46.9	2.13
33	57.4	1.74
47	68.6	1.46
68	82.5	1.2
100	100	1
150	122	0.816
220	148	0.674
330	182	0.550
470	217	0.461
680	261	0.384
1K	316	0.316
1.5K	387	0.258
2.2K	469	0.213
3.3K	574	0.174
4.7K	686	0.146
6.8K	825	0.121
10K	850	0.085
15K	850	0.057

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

VITREOUS	RT	100		L			AL	6K8	10 %	B01	e
	SERIES	STYLE	SPINDLE LOCKING DEVICE	VARIATION LAW	SPECIAL DESIGN	WINDING	SPINDLE (Code)	OHMIC VALUE	TOLERANCE	PACK-AGING	LEAD (Pb)-FREE
			Optional		Method N° Optional	Optional	for special spindles please supply detailed drawing				
			ACC		**BOUTON CEDISIN**			**41JF CG78**		**e**	
ACCESORIES			MODEL		TYPE			STYLE		LEAD (Pb)-FREE	

SAP PART NUMBERING GUIDELINES

RT	100	AL	6801	K	B	XXX
MODEL	STYLE	SPINDLE	OHMIC VALUE	TOLERANCE	PACKAGING	SPECIAL DESIGN
	ACCRF		**BOUTON**		**415F**	
	MODEL		TYPE		STYLE	

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