Wirewound Rheostat/Potentiometer



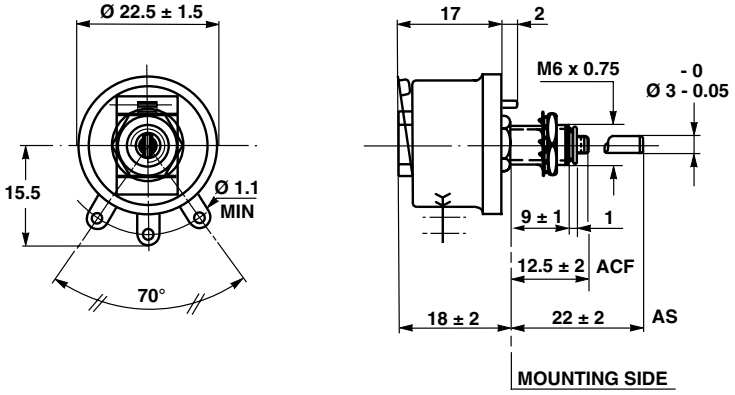
FEATURES

- 12 W at 25 °C
- CCTU 05-03B (PA9)
- Vitreous style

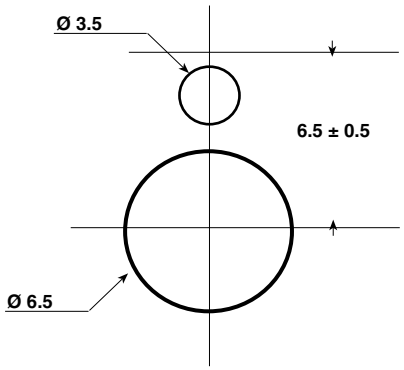
RoHS COMPLIANT

DIMENSIONS in millimeters

RT12-PA9



PANEL CUT OUT DETAILS



MECHANICAL SPECIFICATIONS

Mechanical Protection	Vitreous
Mechanical Travel	290° + 15° - 10°
Operating Torque	1 to 10 Ncm
End Stop Torque	25 Ncm
Unit Weight	18.3 g

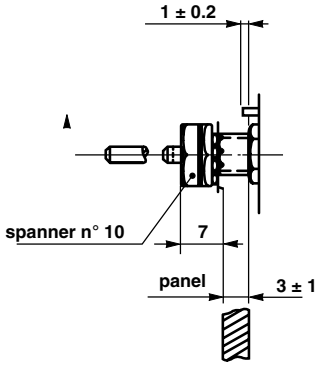
ENVIRONMENTAL SPECIFICATIONS

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

ELECTRICAL SPECIFICATIONS	
Ohmic Range	1 Ω to 2.2 kΩ
Tolerance Standard	± 10 %
Power Rating	12 W at 25 °C
Variation Law	linear
Limiting Element Voltage	300 V
Dielectric Strength	1000 VRMS
Insulation Resistance	10^3 MΩ (500 Vcc)

The spindle locking device can be fitted only to special units equipped with a slotted bushing.
Order reference: B

LOCKING DEVICE

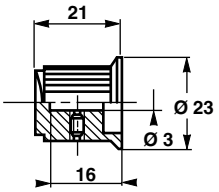


SPINDLES			
Ø mm	**DISTANCE TO MOUNTING PLATE mm**	**SCREW DRIVER SLOT**	**CODE**
3	12.5	WITH	ACF
3	22	WITHOUT	AS

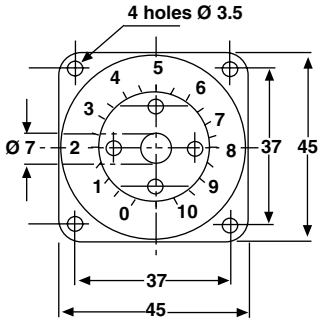
For any special requirement on request: spindle flats, etc. Please supply detailed drawing.

PARTICULAR CHARACTERISTICS		
NOMINAL RESISTANCE Ω	MAX. SERVICE VOLTAGE V	MAX. CURRENT THROUGH WIPER mA
1	3.46	3460
1.5	4.24	2830
2.2	5.14	2340
3.3	6.29	1910
4.7	7.51	1600
6.8	9.03	1330
10	11	1100
15	13.4	900
22	16.3	740
33	19.9	603
47	23.7	505
68	28.6	420
100	34.6	346
150	42.4	283
220	51.4	234
330	62.9	191
470	75.1	160
680	90.3	133
1K	110	110
1.5K	134	90
2.2K	163	74

COMMAND KNOB: 20JF (OPTION)



DIAL: CG45 (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	1K5	10 %	B010	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 CADIAN**			**20JF CG45**			**e**
ACCESORIES			MODEL		TYPE			STYLE			LEAD (Pb)-FREE

SAP PART NUMBERING GUIDELINES

RT	012	AS	1501	K	B	XXX
SERIES	STYLE	SPINDLE	OHMIC VALUE	TOLERANCE	PACKAGING	SPECIAL DESIGN
	ACCRF		**BOUTON**		**20JK**	
	MODEL		TYPE		STYLE	

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