



CA6H

Model CA6 STD

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Modelo CA6



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Technical Characteristics

Electrical characteristics

Parameters	
Range of resistance values	100½ ... 5M½ Lin (A) 1 K½ ... 2.2 M½ Log (B) Antilog(C) Others, upon request
Tolerance	100½ ... 1M½ ±20% >1M½ ... 5M½ ±30% Others, upon request
Variation laws	Lin (A), Log (B), Antilog (C) Others, upon request
Residual resistance	Lin (A), Log (B), Antilog (C) 25.10-3Rn Minimum value 2½
Contact resistance variation (dynamic)	23%Rn
Contact resistance (static)	25%Rn
Maximum power at 40°C	Lin (A) 0,10W No Lin (B,C) 0,06W
Maximum voltage	Lin (A) 100 V No Lin (B,C) 60V
Operating temperature	(-25°C ... +70°C) Others, upon request
Temperature coefficient	100½ ... 10K½: +200/300 p.p.m. >10K½ ... 5M½: +200/500 p.p.m.

Mechanical characteristics

Parameters	
Resistance element	Carbon film
Wiper torque	0,2 ... 2 Ncm
Angle of rotation (mechanical)	235° +/- 10°

Angle of rotation (electrical)

215° +/- 20°

Others, upon request

Max. torque at end stop

4 Ncm

Max. push and pull on the rotor

9,8 N