

MCA 14

Electric Characteristics

Range of resistance values	100Ω... 5MΩ Lin (A) 1 KΩ ... 2.2 MΩ Log (B) Antilog(C) Others, upon request
Tolerance	100Ω ... 1MΩ ±20% >1MΩ ... 5MΩ ±30% Others, upon request
Variation laws	Lin (A), Log (B), Antilog (C)
Residual resistance	Lin (A), Log (B), Antilog (C) $\leq 5 \times 10^{-3} R_n$ Minimum value 2Ω
CRV - Contact Resistance Variation	Lin (A) $\leq 3\% R_n$
Contact resistance	Lin (A) $\leq 5\% R_n$
Maximum power at 40° C.	Lin (A) 0,25W No Lin (B,C) 0,13W
Maximum voltage	Lin (A) 250V No Lin (B,C) 200V
Operating temperature	(-25°C ... +70°C)

Mechanical Characteristics

Resistive element	Carbon film
Angle of rotation (mechanical)	265° ± 5°
Angle of rotation (electrical)	245° ± 20° Others, upon request
Torque on the nut	80 Ncm
Wiper torque	0,5 ... 2,5 Ncm
Max. torque at end stop	15 Ncm
Max. push and pull on the shaft	25 N
Cycles	10.000; others, upon request