



Technical details of SA1:

1. Contact type: **normally closed**
2. Nominal switching temperature (NST) in steps of 5 °C:

70 °C - 160 °C

3. Standard tolerance: **± 5K**
4. Reset temperature range below NST (UL / CSA): **> 35° C**
5. Operating voltage ... AC / DC - available,
values on inquiry: **250 V ~**
6. Rated voltage UAC: **250 V**
7. Rated current AC $\cos \varphi = 1.0$ (ohmic load) / switching cycles:

37.0 A / 3,000

8. Max. switching current at 250V ~ / $\cos \varphi = 0.4 - 0.5$ / switching cycles:

60.0 A ($\cos \varphi = 1.0$)

9. Contact bounce time: **< 1 ms**
 10. Contact resistance (acc. to MIL-Std. R 5757): **< 50 mΩ**
 11. Impregnation resistance with- or without resin
(acc. to requirements)*: **suitable**
 12. High voltage insulation (not C - versions): **2 kV**
 13. Suitable for protection class I or II: **suitable**
 14. Standard wiring connection: **lead wire 1.5 mm² / AWG 16**
 15. Height: **5.1 mm**
 16. Length of housing: **32.5 mm / 10.8 mm**
 17. Length of insulation cap: **32.5 mm**
 18. Approvals available (according to design): **IEC; ENEC; VDE; UL**
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