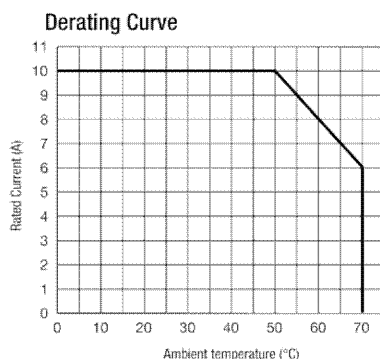


SPECIFICATIONS

SN SERIES RELAY SOCKET
TYPE SN2S-05D

No. ISC1969B
Date. September. 07. 2021
Approved by Y.Onishi
Checked by K.Teraguchi
Written by H.Okamura

- | | |
|----------------------------------|--|
| 1. Applicable standard | IEC61984
UL508 (UL Recognition)
CSA C22.2 No.14 (c-UL Recognition) |
| 2. Operating conditions | |
| (1) Ambient temperature | -40 to +70°C (no freezing) (see derating characteristics) |
| (2) Relative humidity | 35 to 85% RH (no condensation) |
| 3. Ratings | |
| (1) Rated voltage | 300V |
| (2) Thermal current | 10A |
| (3) Applicable wire | AWG20-14, 0.5~2.5 mm ² |
| (4) Applicable crimping terminal | 1.25 mm ² x 2 |
| 4. Constructions | |
| (1) Outside view | See attached sheet |
| (2) Housing color | Black |
| (3) Screw size | M3 (slotted Phillips screw) |
| (4) No of terminal | 8 |
| (5) Weight (approx.) | 34g |
| (6) Applicable hold-down crip | SFA-502 (For RN2S)
SFA-503 (For RU2S)
SFA-511 (For GT5Y) |
| 5. Characteristics | |
| (1) Insulation resistance | 100 MΩ minimum (measured with a 500V DC megger) |
| (2) Dielectric strength | 2000V AC for 1 minute |
| (3) Vibration resistance | |
| (a) Destruction | Frequency 10 to 55Hz, Amplitude 0.5mm |
| (4) Terminal strength | |
| (a) Max-tightening torque | 0.8 N·m minimum (When tightening 0.5mm thick spade terminal tab) |
| (5) Derating characteristics | When using the RU2S relay with SN2S socket,
be sure to note the derating characteristics. |



6. Materials

(1) Housing	PC (flame-retardant UL94V-2)
(2) Back lid	PC (flame-retardant UL94V-2)
(3) Lead metallic part	Bronze (tin-plated)
(4) Terminal metallic part	Brass (Ni-plated)
(5) Terminal screw	Steel (Trivalent chromate for zinc plating)

7. Others

- When a relay or a timer is mounted in this product, check the specification of it.
- Do not pull the wire in the vertical direction from the screw washer when wiring.
- For details on RU,RN relays and GT5Y timer, see attached specifications.