

***TDK-Lambda***

**RSMN-D SERIES**

**SPECIFICATIONS**



A575NAA-RSMN-D-001 200801

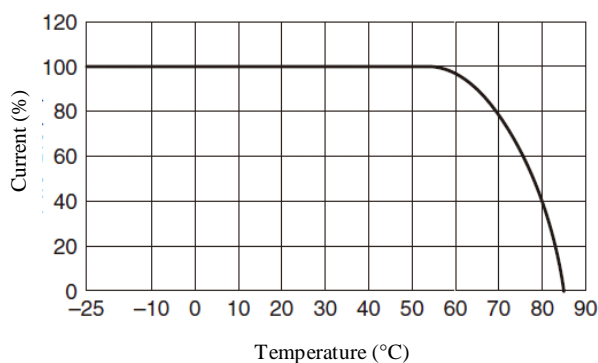
# RSMN-D SERIES

## SPECIFICATIONS

| Items | Model  |            | RSMN-2003D  | RSMN-2006D | RSMN-2010D | RSMN-2016D | RSMN-2020D |  |
|-------|--|------------|---|------------|------------|------------|------------|--|
|       |  |            |   |            |            |            |            |  |
| 1     | Rated Voltage (AC, DC)                                     | V          | 250   |            |            |            |            |  |
| 2     | Rated Current (AC, DC) *1                                  | A          | 3   | 6          | 10         | 16         | 20         |  |
| 3     | Test Voltage<br>(terminals to base plate, 1min AC)         | V          | 2500 at 20±15°C, 65± 20 %   |            |            |            |            |  |
| 4     | Isolation Resistance<br>(terminals to base plate, 500V DC) | M Ω        | 100 min. at 20±15°C, 65± 20 %   |            |            |            |            |  |
| 5     | Leakage Current  | 250V, 60Hz | 1 max.  |            |            |            |            |  |
| 6     | DC Resistance (both lines)                                 | m Ω        | 350   | 140        | 60         | 35         | 22         |  |
| 7     | Temperature Rise   | °C         | 30 max.   |            |            |            |            |  |
| 8     | Operating Temperature                                      | °C         | -25 ~ +85   |            |            |            |            |  |
| 9     | Operating Humidity   | -          | 15 ~ 85 % RH  |            |            |            |            |  |
| 10    | Storage Temperature  | °C         | -25 ~ +85   |            |            |            |            |  |
| 11    | Storage Humidity   | -          | 5 ~ 85 % RH   |            |            |            |            |  |
| 12    | Vibration  | -          | Frequency : 10~55Hz Acceleration : 9.8m/s <sup>2</sup> , Sweep for 1 min.<br>Dimension and times : X, Y and Z directions for 1 hour each. |            |            |            |            |  |
| 13    | Safety Standards   | -          | EN60939 (SEMKO), UL1283, CSA C22.2 No.8   |            |            |            |            |  |
| 14    | Weight   | g          | 220   | 270        | 270        | 390        | 390        |  |

### NOTE

- \*1 Value for Ta less than 55 °C (include 55 °C)
- For Ta more than 55 °C (not include 55 °C)
- According to the derating curve shown on the right.



### CAUTION

- Specifications which provide more details for the proper and safe use of the described product are available upon request.
- All specification are subject to change without notice.

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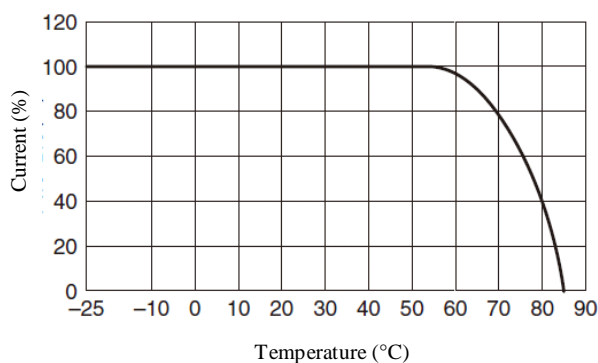
# RSMN-D SERIES

## SPECIFICATIONS

| Items |  | Model      | RSMN-2030D  |        |  |  |  |
|-------|--|------------|---|--------|--|--|--|
| 1     | Rated Voltage (AC, DC)                                     | V          | 250   |        |  |  |  |
| 2     | Rated Current (AC, DC) *1                                  | A          | 30  |        |  |  |  |
| 3     | Test Voltage<br>(terminals to base plate, 1min AC)         | V          | 2500 at 20±15°C, 65± 20 %   |        |  |  |  |
| 4     | Isolation Resistance<br>(terminals to base plate, 500V DC) | M Ω        | 100 min. at 20±15°C, 65± 20 %   |        |  |  |  |
| 5     | Leakage Current  | 250V, 60Hz | mA  | 1 max. |  |  |  |
| 6     | DC Resistance (both lines)                                 | m Ω        | 12  |        |  |  |  |
| 7     | Temperature Rise   | °C         | 30 max.   |        |  |  |  |
| 8     | Operating Temperature                                      | °C         | -25 ~ +85   |        |  |  |  |
| 9     | Operating Humidity   | -          | 15 ~ 85 % RH  |        |  |  |  |
| 10    | Storage Temperature  | °C         | -25 ~ +85   |        |  |  |  |
| 11    | Storage Humidity   | -          | 5 ~ 85 % RH   |        |  |  |  |
| 12    | Vibration  | -          | Frequency : 10~55Hz Acceleration : 9.8m/s <sup>2</sup> , Sweep for 1 min.<br>Dimension and times : X, Y and Z directions for 1 hour each. |        |  |  |  |
| 13    | Safety Standards   | -          | EN60939 (SEMKO), UL1283, CSA C22.2 No.8   |        |  |  |  |
| 14    | Weight   | g          | 390   |        |  |  |  |

### NOTE

- \*1 Value for Ta less than 55 °C (include 55 °C)
- For Ta more than 55 °C (not include 55 °C)
- According to the derating curve shown on the right.



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