



Product Service

CERTIFICATE

No. B 013332 0511 Rev. 02

Holder of Certificate: IDEC CORPORATION

2-6-64 Nishimiyahara, Yodogawa-Ku
Osaka
532-0004 JAPAN

Certification Mark:



Product:

**Switching power supply unit
Switching Power Supply**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 73570457-02

Valid until: 2028-06-18

Date, 2023-06-19

(Shigehisa Ishikawa)

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Model(s): PS5R-VA05, PS5R-VA12, PS5R-VA24,
PS5R-VB05, PS5R-VB12, PS5R-VB24,
PS5R-VC12, PS5R-VC24, PS5R-VD24,
PS5R-VE24, PS5R-VF24, PS5R-VG24

Parameters:

| | |
|-----------------------|---|
| PS5R-VA05 | Input: 100 - 240 Vac, 50 / 60 Hz, 0.20 - 0.12 A Output: 5 Vdc, 1.5 A |
| PS5R-VA12 | Input: 100 - 240 Vac, 50 / 60 Hz, 0.18 - 0.10 A Output: 12 Vdc, 0.6 A |
| PS5R-VA24 | Input: 100 - 240 Vac, 50 / 60 Hz, 0.18 - 0.10 A Output: 24 Vdc, 0.3 A |
| PS5R-VB05 | Input: 100 - 240 Vac, 50 / 60 Hz, 0.25 - 0.14 A Output: 5Vdc, 2A |
| PS5R-VB12 | Input: 100 - 240 Vac, 50 / 60 Hz, 0.35 - 0.19 A Output: 12 Vdc, 1.3 A |
| PS5R-VB24 | Input: 100 - 240 Vac, 50 / 60 Hz, 0.35 - 0.19 A Output: 24 Vdc, 0.65 A |
| PS5R-VC12 | Input: 100 - 240 Vac, 50 / 60 Hz, 0.7 - 0.3 A Output: 12 Vdc, 2.5 A |
| PS5R-VC24 | Input: 100 - 240 Vac, 50 / 60 Hz, 0.7 - 0.3 A Output: 24 Vdc, 1.3 A |
| PS5R-VD24 | Input: 100 - 240 Vac, 50 / 60 Hz, 1.3 - 0.8 A Output: 24 Vdc, 2.5 A |
| PS5R-VE24 | Input: 100 - 240 Vac, 50 / 60 Hz, 1.1 - 0.6 A Output: 24 Vdc, 3.75 A |
| PS5R-VF24 | Input: 100 - 240 Vac, 50 / 60 Hz, 1.4 - 0.7 A Output: 24 Vdc, 5 A |
| PS5R-VG24 | Input: 100 - 240 Vac, 50 / 60 Hz, 2.7 - 1.2 A Output: 24 Vdc, 10 A |
| Protection class: | I |
| Overvoltage category: | II |
| Degree of protection: | IP20 |

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Max. ambient temperature: Refer to following table.

| Model | Maximum ambient temperatures (°C) (Mounting method / position) | | | | | |
|-----------|---|----|----|----|----|----|
| | A | B | C | D | E | F |
| PS5R-VA05 | 65 | 60 | 60 | 60 | 65 | 60 |
| PS5R-VA12 | 65 | 60 | 60 | 60 | 65 | 60 |
| PS5R-VA24 | 65 | 60 | 60 | 60 | 65 | 60 |
| PS5R-VB05 | 65 | 60 | 60 | 60 | 60 | 60 |
| PS5R-VB12 | 65 | 60 | 60 | 60 | 60 | 60 |
| PS5R-VB24 | 65 | 60 | 60 | 60 | 60 | 60 |
| PS5R-VC12 | 50 | 45 | 45 | 45 | 45 | 45 |
| PS5R-VC24 | 55 | 55 | 50 | 45 | 45 | 45 |
| PS5R-VD24 | 55 | 40 | 40 | 40 | 45 | 35 |
| PS5R-VE24 | 50 | 40 | 40 | 40 | 45 | 40 |
| PS5R-VF24 | 55 | 40 | 45 | 40 | 45 | 35 |
| PS5R-VG24 | 50 | 35 | 30 | 30 | 45 | 30 |

As for Mounting method / position, refer to the Technical Report which number is shown in the first page.

Remark:

When installing / inserting the equipment, all requirements of the mentioned test standard must be fulfilled.

Tested according to: EN IEC 62368-1:2020/A11:2020
EN 62477-1:2012/A12:2021