

# CERTIFICATE

No. B 18 04 13332 265



Product Service

Holder of Certificate: IDEC CORPORATION

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



Certification Mark:



Product:

Relays

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. See also notes overleaf.

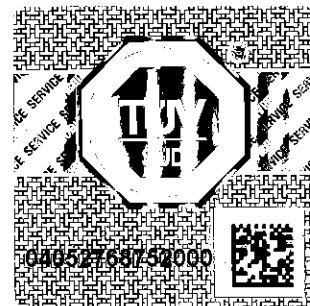
Test report no.: 028-0713128716-000

Valid until: 2023-04-16

Date, 2018-05-16

(Matthias Raufersperger)

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Product Service

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**Model(s):** **Series RU4, RU2, RU42, RU4S-Z, RU4V-Z**

**Parameters:**

Ratings contact:

RU4: 250 V AC, 6 A (resistive load),  
 0,8 A (inductive load)  
 30 V DC, 6 A (resistive load),  
 1,5 A (inductive load)  
 AC-15 250V AC, 3A (cos PHI=0.3)  
 DC-13 30V DC, 1.5A (T0.95=300ms)  
 DC-13 30V DC, 2.0A (T0.95=150ms)

RU2: 250 V AC, 10 A (resistive load)  
 5A (inductive load)  
 30 V DC, 10 A (resistive load)  
 5 A (inductive load)  
 AC-15 250V AC, 6A (cos PHI=0.3)  
 DC-13 30V DC, 1.5A (T0.95=300ms)  
 DC-13 30V DC, 2.5A (T0.95=150ms)

RU42: 250 V AC, 3 A (resistive load)  
 0,8 A (inductive load)  
 30 V DC, 3 A (resistive load)  
 1,5 A (inductive load)

RU4S-Z,  
 RU4V-Z: 250 V AC, 6 A (resistive load),  
 0,8 A (inductive load)  
 30 V DC, 6 A (resistive load),  
 1,5 A (inductive load)



Ratings coil:

DC coil: 6 to 220 V  
 AC coil: 6 to 240 V, 50/60 Hz

Protection against moisture:

IP4X (built-in)

Operating temperature:

-55 to 55°C

Operating range coil voltage:

80 to 110%

Power consumption:

AC: approx. 1,4 VA (50Hz)  
 1,2 VA (60Hz)  
 DC: approx. 1,0 W

Nomenclature see enclosure.

**Tested according to:**

EN 61810-1:2015

**Production Facility(ies):**

24170, 33644, 52105

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# Enclosure to certificate No.: B 18 04 13332 265



Product Service

## Nomenclature

RU 2 S - Z - T D E - D24 - \*\*\*\*\*  
 -1 -2 -3 -4 -5 -6 -7 -8 -9

- (-1) Series: RU Type Relay
- (-2) Number of poles:
  - 2: 2 pole
  - 4: 4 pole
  - 42: 4 pole twin contact
- (-3) Terminal type:
  - S: Soldering & plug-in type
  - V: Printed wiring board type
- (-4) Contact Type:
  - Blank: Silver alloy, clad copper base with gold flashing for RU4 Type Relay
  - Z: Silver alloy, clad copper base (without gold flashing) for RU4 Type Relay
- (-5) Structure:
  - Blank: Enclosure with latching lever & mechanical indicator
  - T: Top flange enclosure
  - N: Enclosure without latching lever & mechanical indicator
  - C: Enclosure without latching lever & with mechanical indicator
  - M: Enclosure with momentary lever & mechanical indicator
- (-6) Additional Functions:
  - Blank: With indicator light (non polarity)
  - F: Without indicator light
  - D: With indicator light & with a diode against surge voltage of DC coil (normal polarity)
  - D1: With indicator light & With a diode against surge voltage of DC coil (reversed polarity)
  - FD: Without indicator light & with a diode against surge voltage of DC coil (normal polarity)
  - FD1: Without indicator light & with a diode against surge voltage of DC coil (reversed polarity)
  - R: With indicator light & With CR circuit against surge voltage of AC coil
  - FR: Without indicator light & With CR circuit against surge voltage of AC coil
- (-7) Color of enclosure:
  - Blank: Yellow, transparent
  - E: Colorless, transparent
- (-8) Operating coil:
  - DC coil: 6 to 220V dc:  
(6, 9, 12, 24, 48, 100, 110, 125, 220 Vdc)  
(D6, D9, D12, D24, D48, D100, D110, D125, D220)
  - AC coil: 6 to 240V ac 50/60Hz:  
(6, 12, 24, 48, 50, 100-110, 110-120, 200-220, 220-240 Vac)  
(A6, A12, A24, A48, A50, A100, A110, A200, A220)
- (-9) Additional letter(s) and/or numbers(s): Manufacturer Control Number  
(may be followed)

