



Product Service

# CERTIFICATE

No. B 13 10 13332 175

**Holder of Certificate:** IDEC CORPORATION

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

**Production Facility(ies):**

33644, 52105

**Certification Mark:**



**Product:**

Relays  
Force Guided Relays

**Model(s):**

RF2 series  
(See Nomenclature in Attachment for details)

**Parameters:**

Coil  
Rated voltage: 5,6,12,24,48,100,110,125VDC  
Rated current: 140-5.6mA(Standard,non-optional type)  
147-9.2mA(Optional type)  
Power: 700mW nominal  
Contacts: 6A,240Vac(Resistive for NO contact)  
3A,240Vac(Resistive for NC contact)  
6A,24Vdc(Resistive for NO contact)  
3A,24Vdc(Resistive for NC contact)

(See Ratings in Attachment for more details)

**Remark:**

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

**Tested according to:** EN 61810-1:2008  
EN 50205:2002

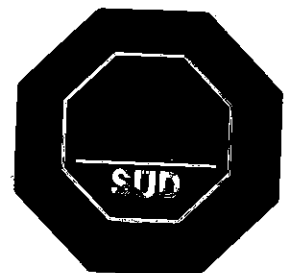
The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** 73544418

**Date,** 2013-10-07

( Shigehisa Ishikawa )

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Certificate Attachment  
Certificate No.

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Ratings:



Product Service

Coil	
Rated voltage:	5, 6, 12, 24, 48, 100, 110, 125VDC
Rated current:	140-5.6mA (Standard, non-optional type) 147-9.2mA (Optional type)
Power:	700mW nominal
Contacts:	6A, 240Vac (Resistive for NO contact) 3A, 240Vac (Resistive for NC contact) 6A, 24Vdc (Resistive for NO contact) 3A, 24Vdc (Resistive for NC contact)
Electrical endurance:	100 000 cycles
Mechanical endurance:	10 000 000 cycles
Rated insulation voltage:	250V
Rated impulse withstand voltage:	6000V
Over voltage category:	III
Pollution degree:	3, 2 (internally)
Type of relay according to EN 50205:	Type A
Operating ambient temperature:	-40 to 70°C

Certificate Attachment  
Certificate No.



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**Nomenclature:**

RF2 S - 2C L K - D24  
I II III IV V VI



- I: Basic series designation  
RF2: RF2 series
- II: Terminal type  
S: For Soldering or Plug-in type  
V: For PWB type
- III: Contact configuration  
1A1B: 1a1b contacts  
2C: 2c contacts
- IV: Additional function / parts  
Blank: Without additional function / parts (Standard)  
L: With indicator light  
D: With diode for surge voltage suppression (Normal polarity; NP)  
D1: With diode for surge voltage suppression (Reverse polarity; RP)  
LD: With indicator light and diode for surge voltage suppression (NP)  
LD1: With indicator light and diode for surge voltage suppression (RP)
- V: Categories of protection  
Blank: RT II (Flux proof)  
K: RT III (Wash tight)
- VI: Coil voltage  
D5: 5Vdc  
D6: 6Vdc  
D12: 12Vdc  
D24: 24Vdc  
D48: 48Vdc  
D100: 100Vdc  
D110: 110Vdc  
D125: 125Vdc