



Product Service

# CERTIFICATE

No. B 18 05 13332 258

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, 125 VDC  
Rated current: 140 - 5.6 mA (Standard, non-optional type)  
147 - 9.2 mA (Optional type)  
Power: 700 mW nominal  
Contacts: 6 A, 240 VAC (Resistive for NO contact)  
3 A, 240 VAC (Resistive for NC contact)  
6 A, 24 VDC (Resistive for NO contact)  
3 A, 24 VDC (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 61810-1:2015  
EN 61810-3:2015

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.

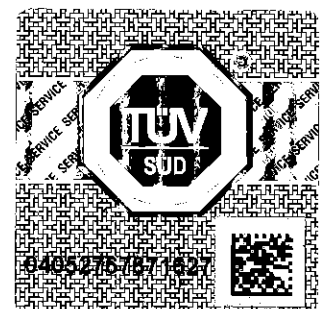
Test report no.: 73544418-02

Valid until: 2023-05-06

Date, 2018-05-11

( Shigehisa Ishikawa )

Page 1 of 3



Certificate Attachment  
Certificate No.

**B 18 05 13332 258**

**Ratings:**

Coil	
Rated voltage:	5, 6, 12, 24, 48, 100, 110, 125 VDC
Rated current:	140 - 5.6 mA (Standard, non-optional type) 147 - 9.2 mA (Optional type)
Power:	700 mW nominal
Contacts:	6 A, 240 VAC (Resistive for NO contact) 3 A, 240 VAC (Resistive for NC contact) 6 A, 24 VDC (Resistive for NO contact) 3 A, 24 VDC (Resistive for NC contact)
Electrical endurance:	100 000 cycles
Mechanical endurance:	10 000 000 cycles
Rated insulation voltage:	250 V
Rated impulse withstand voltage:	6000 V
Over voltage category:	III
Pollution degree:	3, 2 (internally)
Type of relay according to EN 61810-3:	Type A
Operating ambient temperature:	-40 to 70 °C



Product Service

Certificate Attachment  
 Certificate No.



Product Service

**B 18 05 13332 258**



**Nomenclature:**

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

- 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: 5 VDC  
 D6: 6 VDC  
 D12: 12 VDC  
 D24: 24 VDC  
 D48: 48 VDC  
 D100: 100 VDC  
 D110: 110 VDC  
 D125: 125 VDC
- VII: Additional letter(s) and / or number(s) for manufacturer control number (optional)