



Product Service

CERTIFICATE

No. B 013332 0258 Rev. 01

Holder of Certificate: IDEC CORPORATION

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

Certification Mark:



Product:

**Relays
Force Guided 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. 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.: 73544418-03

Valid until: 2027-05-30

Date, 2022-06-01

(Shigehisa Ishikawa)

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Model(s): **RF2 Series**

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)



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Parameters:

Coil

Rated voltage: 5, 6, 12, 24, 48, 100, 110, 125 VDC
Rated current: 140 - 5.6 mA (Normal, 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

Remark:

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

Tested according to: EN 61810-1:2015/A1:2020
EN 61810-3:2015