



Product Service

# CERTIFICATE

No. B 013332 0266 Rev. 02

**Holder of Certificate:** IDEC CORPORATION

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

**Certification Mark:**



**Product:**

**Relay, all-or-nothing**

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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 73584109

**Valid until:** 2027-06-22

**Date,** 2022-06-24

( Shigehisa Ishikawa )



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**Model(s):** RR2P, RR3P, RR3PA, RH1B, RH2B, RH3B, RH4B, RM2S, RY2S, RY4S, RH1V2, RH2V2, RH3V2, RH4V2, RM2V, RY2V, RY4V Series

## Nomenclature for RR series

RR 2 P - ULC - xxxxxx  
I II III IV V

### **I. Series:**

RR: RR series

### **II. Number of Poles:**

2: 2 poles

3: 3 poles

### **III. Terminal Configuration:**

P: Pin type, mounting through or solder connection

PA: Pin type, same as P except wiring

### **IV. Optional Features:**

None or U: Standard Enclosure

C or UC: Standard Enclosure with Push-to-check button

L or UL: Standard Enclosure with indicator light

LC or ULC: Standard Enclosure with light and Push-to-check button

LCD or ULCD: Standard Enclosure with light, Push-to-check button and diode (normal polarity)

### **V. Additional letter(s) and/or number(s):**

Manufacturer control number (may be followed)



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## Nomenclature for RH series

RH 2 B - ULC W - xxxxxx  
I II III IV V VI

### **I. Series:**

RH: RH series

### **II. Number of Poles:**

- 1: 1 pole
- 2: 2 poles
- 3: 3 poles
- 4: 4 poles

### **III. Terminal Configuration:**

B: Solder and Plug-In type  
V2: PWB type

### **IV. Optional Features:**

None or U: Standard Enclosure  
C or UC: Standard Enclosure with Push-to-check button  
CD or UCD: Standard Enclosure with Push-to-check button and Diode (normal polarity)  
D or UD: Standard Enclosure with Diode (normal polarity)  
L or UL: Standard Enclosure with indicator light (Neon Lamp or LED)  
LC or ULC: Standard Enclosure with light and Push-to-check button  
LCD or ULCD: Standard Enclosure with light, Push-to-check button and diode (normal polarity)  
T or UT: Standard Enclosure with Top-mount bracket

### **V. Contact Material:**

Blank: Silver cadmium oxide  
W: Silver tin oxide indium oxide

### **VI. Additional letter(s) and/or number(s):**

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## Nomenclature for RY series, RM series

RY 4 S - UL - XXXXX  
I II III IV V

### I. Series:

RY: RY series

RM: RM series (2 poles only)

### II. Number of Poles:

2: 2 poles

4: 4 poles

### III. Terminal Configuration:

S: Solder and Plug-In type

V: PWB type

### IV. Optional Features:

None or U: Standard Enclosure

C or UC: Standard Enclosure with Push-To-Check button

CD or UCD: Standard Enclosure with Push-to-check button and Diode (normal polarity)

CD1 or UCD1: Standard Enclosure with Push-to-check button and Diode (reversed polarity)

D or UD: Standard Enclosure with Diode (normal polarity)

D1 or UD1: Standard Enclosure with Diode (reversed polarity)

L or UL: Standard Enclosure with indicator light (Neon Lamp or LED)

L1 or UL1: Standard Enclosure with Indicator Light (Neon Lamp or LED) (reversed polarity)

L1C or UL1C: Standard Enclosure with Light (reversed polarity) and Push-to-check button

CD1 or UL1CD1: Standard Enclosure with light, Push-to-check button and Diode (reversed polarity)

L1D1 or UL1D1: Standard Enclosure with Light and Diode (reversed polarity)

LC or ULC: Standard Enclosure with light and Push-to-check button

LCD or ULCD: Standard Enclosure with light, Push-to-check button and diode (normal polarity)

LD or ULD: Standard Enclosure with Light and Diode (normal polarity)

T or UT: Standard Enclosure with Top-mount bracket

TD or UTD: Standard Enclosure with Top-mount bracket and Diode (normal polarity)

TD1 or UTD1: Standard Enclosure with Top-mount bracket and Diode (reversed polarity)

### V. Additional letter(s) and/or number(s):

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## Parameters:

Coil Voltage: 6 to 240 VAC  
6 to 230 VDC

Contact units: RR2P, RR3P, RR3PA, RH1B, RH2B, RH1V2, RH2V2:  
10 A, 30 VDC (L/R = 0 msec)  
10 A, 240 VAC (cos  $\phi$  = 1.0)

RH3B, RH4B, RH3V2, RH4V2:  
10 A, 30 VDC (L/R = 0 msec)  
7.5 A, 240 VAC (cos  $\phi$  = 1.0)

RM2S, RM2V:  
5 A, 30 VDC (L/R = 0 msec)  
5 A, 240 VAC (cos  $\phi$  = 1.0)

RY2S, RY2V:  
3 A, 30 VDC (L/R = 0 msec)  
3 A, 240 VAC (cos  $\phi$  = 1.0)

RY4S, RY4V:  
5 A, 30 VDC (L/R = 0 msec)  
5 A, 240 VAC (cos  $\phi$  = 1.0)

Electrical endurance: RR2P, RR3P, RR3PA, RH2B, RM2S, RH2V2, RM2V:  
500 000 cycles

RH1B, RH3B, RH4B, RY2S, RY4S, RH1V2, RH3V2, RH4V2,  
RY2V, RY4V:  
200 000 cycles

Frequency of actuation: 1800 cycles/h

## Remark:

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

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