



Product Service

# ZERTIFIKAT

Nr. B 07 05 13332 058

**Zertifikatsinhaber:** IDEC CORPORATION  
1-7-31 Nishimiyahara, Yodogawa-Ku  
Osaka  
532-8550 JAPAN

**Produktions-  
stätte(n):** 33644, 52105, 24170

**Prüfzeichen:**



**Produkt:** Schaltrelais

**Modell(e):** RRR2P, RR3P, RR3PA, RH1B, RH2B, RH3B,  
RH4B, RM2S, RY2S, RY22S, RY4S, RY42S,  
RH1V2, RH2V2, RH3V2, RH4V2, RM2V,  
RY2V, RY22V, RY4V, RY42V

**Kenndaten:** The above mentioned models are provided with suffix letters:

-U, -UT, -UL, -UC, -ULC, UD, -ULD, -UCD, -ULCD,  
may be followed by "E"  
may be followed by "W"

(A letter "U" is optional except for -U model.)

For further parameters see enclosure:

**Geprüft nach:** EN 61810-1:2004

Das Produkt wurde auf freiwilliger Basis auf die Einhaltung der folgenden grundlegenden Anforderungen geprüft und kann mit dem oben abgebildeten Prüfzeichen gekennzeichnet werden. Eine Veränderung der Darstellung des Prüfzeichens ist nicht erlaubt. Umseitige Hinweise sind zu beachten.

**Prüfbericht Nr.:** 71314486

**Datum,** 2007-05-09

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<b>Coil Voltage:</b>	6 to 240 V AC 6 to 230 V DC
<b>Contact units:</b>	RR2P, RR3P, RR3PA, RH1B, RH2B, RH1V2, RH2V2: 10 A, 30 V DC (L/R=0 msec) 10 A, 240 V AC (cos $\varphi$ = 1,0)  RH3B, RH4B, RH3V2, RH4V2: 10 A, 30 V DC (L/R = 0 msec) 7,5 A, 240 V AC (cos $\varphi$ = 1,0)  RM2S, RM2V: 5 A, 30 V DC (L/R=0 msec) 5 A, 240 V AC (cos $\varphi$ = 1,0)  RY2S, RY2V: 3 A, 30 V DC (L/R=0 msec) 3 A, 240 V AC (cos $\varphi$ = 1,0)  RY22S, RY22V: 1 A, 30 V DC (L/R = 0 msec) 0,8 A, 240 V AC (cos $\varphi$ = 1,0)  RY4S, RY4V: 5 A, 30 V DC (L/R =0 msec) 5 A, 240 V AC (cos $\varphi$ = 1,0)  RY42S, RY42V: 1 A, 30 V DC (L/R = 0 msec) 0,8 A, 240 V AC (cos $\varphi$ = 1,0)
<b>Electrical endurance:</b>	RR2P, RR3P, RR3PA, RH2B, RM2S, RH2V2, RM2V = 500.000 cycles  RH1B, RH3B, RH4B, RY2S, RY4S, RH1V2, RH3V2, RH4V2, RY2V, RY4V = 200.000 cycles
<b>Frequency of actuation:</b>	1.800 cycles/h

Annex to Certificate No. B 07 05 13332 058



Product Service

Nomenclature

Type RR Series

<u>RR</u>	<u>2</u>	<u>P</u>	<u>-ULC</u>
I	II	III	IV

I Series

RR

II No. 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

U - Standard Enclosure

UC - Standard Enclosure with Push-To-Check button

UL - Standard Enclosure with indicator light

ULC - Standard Enclosure with light and Push-To-Check button

ULCD - Standard Enclosure with light, Push-to-check Button and Diode (normal polarity)

Type RH Series

<u>RH</u>	<u>2</u>	<u>B</u>	<u>-ULC</u>	<u>W</u>
I	II	III	IV	V

## I Series

RH

## II No. of Poles

- 1 - 1 pole
- 2 - 2 Poles
- 3 - 3 Poles
- 4 - 4 Poles

## III Terminal Configuration

- B - solder & Plug-In type
- V2 - Printed wiring board type

## IV Optional Features

- U - Standard Enclosure
- UT - Standard Enclosure with top mounting bracket
- UL - Standard Enclosure with indicator light (neon lamp or LED)
- UC - Standard Enclosure with Push-To-Check button
- ULC - Standard Enclosure with light and Push-To-Check button
- UD - Standard Enclosure with Diode (normal polarity)
- UCD - Standard Enclosure with Push-to- check Button and Diode (normal polarity)
- ULCD - Standard Enclosure with light and Push-To-Check button and Diode (normal polarity)

## V Contact Material

- None - silver cadmium oxide
- W - silver tin oxide indium oxide



## Annex to Certificate No. B 07 05 13332 058

## Nomenclature

RY   4   2   S   UL  
I   II   III   IV   V

- I. Series:  
RY
- II. No. of Pole  
4 - 4 Poles  
2 - 2 Poles
- III. No of Contacts per Pole:  
2 - Two contacts  
None - One contact
- IV. Terminal Configuration:  
S - Solder & Plug-in type  
V - PCB type
- V. Optional Features:
- U - Standard Enclosure
  - UT - Standard Enclosure with Top-mount Bracket
  - UL - Standard Enclosure with Indicator Light (Neon Lamp or LED) (normal polarity)
  - UL1 - Standard Enclosure with Indicator Light (Neon Lamp or LED) (reversed polarity)
  - UC - Standard Enclosure with Push-to- check Button
  - ULC - Standard Enclosure with Light and Push-to- check Button (normal polarity)
  - UL1C - Standard Enclosure with Light (reversed polarity) and Push-to-check Button
  - UD - Standard Enclosure with Diode (normal polarity)
  - UD1 - Standard Enclosure with Diode (reversed polarity)
  - ULD - Standard Enclosure with Light and Diode (normal polarity)
  - UL1D1 - Standard Enclosure with Light and Diode (reversed polarity)
  - UCD - Standard Enclosure with Push-to- check Button and Diode (normal polarity)
  - UCD1 - Standard Enclosure with Push-to- check Button and Diode (reversed polarity)
  - ULCD - Standard Enclosure with light, Push-to- check Button and Diode (normal polarity)
  - UL1CD1 - Standard Enclosure with light, Push-to- check Button and Diode (reversed polarity)
  - UTD - Standard Enclosure with Top-mount Bracket and Diode (normal polarity)
  - UTD1 - Standard Enclosure with Top-mount Bracket and Diode (reversed polarity)

# CERTIFICATE

No. B 04 01 13332 018

**Holder of Certificate:** Idec Izumi Corporation1-7-31 Nishimiyahara  
Yodogawa-Ku, Osaka 532-8550  
Japan**Production Facility(ies):**

24200, 24170, 50248

**Certification Mark:****Product:****Sockets  
Sockets****Model(s):****SR2P, SR3P, SH1B, SH2B, SH3B, SH4B, SM2S, SY2S,  
SY4S with suffix letters -05A, -05B, -06A, -06B,  
-05, -06, -05C, -05U, -06U, SR3B-05, -05U, SH2B-62****Parameters:**

Contacts:	SR2P, SR3P:	10 A	300 V
	SH1B:	10 A	300 V
	SH2B, SH3B, SH4B:	10 A	300 V
	SM2S:	10 A	300 V
	SY2S, SY4S:	7 A	300 V
	SR3B-05, -05U:	15 A	300 V
	SH2B-62:	10 A	300 V

Protection class: IP 20 (Suffix -05C models only!)  
EN 60529/A1:2000Protection against electric shock has to be  
guaranteed by installation!**Tested according to:**EN 61810-1:1998  
(Testing sections applicable)  
EN 61810-5:1998  
(IEC 60664-1:1992)

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. See also notes overleaf.

**Test report no.:**

70000555

**Date,** 2004-01-09