

Top page

Product sites

Online catalog

Downloads

NAISFAN
Registered UsersList of telephone
and fax numbers

Site map

ON LINE CATALOG/DXF DOWN LOAD

LINE UP

NR RELAYS

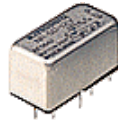
NR RELAYS

SPECIFICATIONS

LONG LIFE RELAY

ORDERING
INFORMATION

DIMENSIONS

DIFFERENCES
BETWEEN NR
RELAYS AND
REED RELAYS

REFERENCE DATA

FEATURES

APPLICATION
HINTS

ACCESSORIES

CAUTIONS FOR
USE

PDF

· Sealed construction for automatic wave soldering and cleaning

· Latching types available

· High sensitivity



· High speed - Up to 500 cycle/sec. operations

· Wide switching range and high welding resistance

Gold cobalt (AuCo) contact permits

· Wider switching range from low level up to high current: 10 μ A to 1 A

· Higher sticking resistance to inrush current

· Stable contact resistance from initial stage throughout life

SPECIFICATIONS ...

TYPICAL APPLICATIONS

Telecommunications equipment, alarm devices, machine tools, NC machines, automatic warehouse control, conveyors, air-conditioners, pressing machines, textile machinery, elevators, control panels, pin-board programmers, parking meters, industrial robots, detectors, annunciators, optical instruments, business machines, time recorders, cash registers, copiers, vending machines, medical equipment.

ORDERING INFORMATION ...

TYPES AND COIL DATA (at 25°C 77 ° F)

Single side stable (NR-SD)

Nominal coil voltage, V DC	Pick-up voltage, V DC (max.)	Drop-out voltage V DC (min.)	Maximum allowable voltage, V DC (40°C 104 ° F)	Coil resistance, ohm ($\pm 10\%$)	Nominal operating power, mW	Inductance, Henrys
5	3.5	0.5	13	170	147	0.050
6	4.7	0.6	14	220	164	0.075
12	9.3	1.2	28	890	162	0.3
24	16	2.4	42	2,000	288	0.66
42	28	4.2	85	8,000	221	2.7

voltage, V DC	Pick-up voltage, V DC (max.)	Maximum allowable voltage, V DC (40°C 104 ° F)	Coil resistance, ohm (±10%)	Nominal operating power, mW	Inductance, Henrys
5	3.5	18	340	74	0.12
6	4.3	20	450	80	0.16
12	8.0	30	1,500	96	0.66
24	17	75	6,000	96	2.4
42	23	110	12,000	147	3.9

2 coil latching (NR-SL2D)

Nominal coil voltage, V DC	Pick-up voltage, V DC (max.)	Maximum allowable voltage, V DC (40°C 104 ° F)	Coil resistance, ohm (±10%)		Nominal operating power, mW	Inductance, Henrys
			Set coil	Reset coil		
5	3.5	13.0	170	170	147	0.024
6	4.3	14.0	225	225	160	0.04
12	8.0	26.0	650	650	230	0.14
24	17.0	50.0	2,700	2,700	213	0.35
42	23.0	75.0	5,500	5,500	321	0.8

(Note) Maximum allowable operating power: 1000 mW at 25°C 77 ° F.

[DIMENSIONS ...](#)

[DIFFERENCES BETWEEN NR RELAYS AND REED RELAYS ...](#)

[REFERENCE DATA ...](#)

[APPLICATION HINTS ...](#)

[ACCESSORIES ...](#)

[CAUTIONS FOR USE ...](#)

[Top page](#) | [Product sites](#) | [Online catalog](#) | [Downloads](#) | [NAIS FAN Registered users](#) | [List of telephone and fax numbers](#) | [Site map](#)

All Rights Reserved.(c) Copyright Matsushita Electric Works, Ltd.

Please [click here](#) for conditions of use applicable to this Home Page. By using this Home Page, you signify your assent to the conditions of use.