INTERNET ARCHIVE	http://www.naisweb.com:80/e/relaye/mech_eng/mech_eng_nr/mech_eng_nr.html										
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Matsushita Electric Works- Automation Controls Business Unit			Search			Q	Matsus	hita Elec	tric Work	s, Ltd.>	~
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Top page	Product sites	Online catalog	Downloads	Registere	FAN dusers	List of and fax	elephone numbers		Site ma	р	
LINE UP	_				ON LIP	NE CAT	ALOG/D/		WNLO	JAD	_
NR RELAYS	NR RELAYS										
SPECIFICATIONS	LONG LIFE RE	ELAY									_
ORDERING											
DIMENSIONS											
DIFFERENCES											
BETWEEN NR RELAYS AND											
REED RELAYS											
APPLICATION	A FEATURES										
HINTS	· Sealed constructi	on for automatic w	ave soldering and	l cleaning							
ACCESSORIES	· Latching types av	ailable									
CAUTIONS FOR USE	· High sensitivity										
PDF	· High speed - Up 1	o 500 cycle/sec. one	erations								
	. Wide switching a	ango and high wold	ling resistance								
	whee switching r	ange and ingi weld	ing resistance								
	Gold cobalt (AuCo)	contact permits									

• Wider switching range from low level up to high current: 10 µA 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	Pick-up	Drop-out	Maximum	Coil	Nominal	Inductance,
coil	voltage,	voltage	allowable	resistance,	operating	Henrys
voltage,	V DC (max.)	V DC (min.)	voltage,	ohm (±10%)	power, mW	
V DC			V DC (40°C 104 ° F)			
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

L coil latching (N http://www.naisweb.com:80/e/relaye/mech_eng/mech_eng_nr/mech_eng_nr.html Go



9 captures 6 Dec 2003 - 13 Dec 2005 voltage, V DC (max.) voltage, ohm (±10%) power, mW V DC V DC (40°C 104 ° F) 3.5 18 340 74 0.12 5 4.3 20 450 6 80 0.16 12 8.0 30 1,500 96 0.66 24 75 17 6,000 96 2.4 23 42 147 110 12,000 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	Coil resistance, ohm (±10%)		1Nominalstance,operatingn (±10%)power, mW		
V DC		104 ° F)	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 $^\circ$ F.

DIMENSIONS ...

DIFFERENCES BETWEEN NR RELAYS AND REED RELAYS ...

REFERENCE DATA ...

APPLICATION HINTS ...

ACCESSORIES ...

CAUTIONS FOR USE ...

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