

## EC Declaration of Conformity

Date of issue : March 2006

Manufacturer : Fuji Electric FA Components & Systems Co., Ltd.  
Fukiage Factory

Address : 1-5-45 Minami, Konosu-shi,  
Saitama-ken, Japan

Product : Magnetic Contactor (SC-N series)  
Thermal Overload Relay (TR and TK series)  
Accessories (SZ series)

Model / Type : SC-N1\*, -N2\*, -N2S\*, -N3\*, -N4\*, -N5\*, -N6\*, -N7\*,  
SC-N8\*, -N10\*, -N11\*, -N12\*, -N14\*, -N16\*  
TR-N2\*/3\*, -N3\*/3\*, -N5\*/3\*, -N6\*/3\*, -N7\*/3\*, -N8\*/3\*, -N10\*/3\*, -N12\*/3\*, -N14\*/3\*  
TK-N2\*, -N3\*, -N5\*, -N6\*, -N7\*, -N8\*, -N10\*, -N12\*, -N14\*  
SZ- \*

(\* : refer to the attached list about application model)

This is to certify that the aforementioned product fully conforms to the protection requirements of the following EC Council Directives on the approximation of the laws of the member states relating to :

<u>Applicable Directive</u>	<u>Title</u>
73/23/EEC 93/68/EEC	Low-Voltage Directive
89/336/EEC 92/31/EEC	EMC Directive

and conforms to the following EN Standard.

<u>Applicable Standard</u>	<u>Title</u>
EN60947-4-1 (2001)	Specification for low-voltage switchgear and controlgear Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters
EN60947-5-1 (2004)	Specification for low-voltage switchgear and controlgear Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices

The CE marking was affixed. : 99

  
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### 1. Magnetic Contactor (SC-N series)

SC-	*	*	*	/	*	*
	1	2	3		4	5

Position	Description of position	Number	Description of application
1	Frame size	N1 N2 N2S N3 N4 N5 N6 N7 N8 N10 N11 N12 N14 N16	
2	Auxiliary contact	Blank H	Bifurcated contact (N1 to N12) Single contact (N14 and N16) Single contact (N1 to N12)
3	Non-reversing or reversing	Blank RM	Non-reversing Reversing
4	Operating method	Blank G SE	AC operated (N1 to N4) AC/DC operated (N5 to N16) DC operated (N1 to N3) AC/DC operated (N1 to N4)
5	Terminal cover	Blank T	Standard (without terminal cover) With terminal cover

### 2. Thermal Overload Relay (TR and TK series)

TR-	*	*	/3	*	*
TK-	*	*	/	*	*
	1	2		3	4

Position	Description of position	Number	Description of application
1	Frame size	N2 N3 N5 N6 N7 N8 N10 N12 N14	
2	Mounting	Blank H	On-contactor mounting Separate mounting
3	Reset	Blank A	Manual reset Auto reset
4	Terminal cover	Blank T	Standard (without terminal cover) With terminal cover

### 3. Accessories (SZ series)

SZ-	*	*	*	*
	1	2	3	4

Kind of accessories	Position			
	1	2	3	4
Auxiliary contact block (Front mounting)	A	40, 31, 22, 20, 11, or 02	Blank or H	Blank or /T
Auxiliary contact block (Side mounting)	AS	1 or 2	Blank	Blank
Operation counter unit	J	Blank	Blank	Blank
Main circuit surge suppression unit	ZM	3 or 4	Blank	Blank
Mechanical interlock unit	RM	Blank	Blank	Blank
Connection kit for reversing	RW	5 or 6	Blank	Blank
Coil drive unit	CD	3 or 5	Blank	Blank
Coil surge suppression unit	Z	31, 32, 33, 34, 35, 36, 37, 41, 42, 43, 44 or 45	Blank	Blank
Base unit for TOR separate mounting	H	D or E	Blank	Blank
Trip indicator	L	100 or 200	N2	Blank
TOR reset release	R	4, 5 or 6	Blank	Blank
TOR dial cover	DA	Blank	Blank	Blank
Terminal cover	T	5, 6, 7, 14, 15, 16, 17, 22 or 23	Blank	Blank
	N	4, 6, 7, 8, 11	T, RT1 or RT2	Blank
	WN	4, 6, 7, 8, 10, 11	T	Blank
	RN	6	T	Blank

The above accessories conform to the standard when it combines with magnetic contactor or thermal overload relay.