



EU Declaration of Conformity

Product : **Magnetic Contactor
Thermal Overload Relay
Accessories**

Model/Type : **SC- E02*, -E03*, -E04*, -E05*
SC-E1*, -E2*, -E2S*, -E3*, -E4*, -E5*, -E6*, -E7*
TK-E2*, -E3*, -E5*, -E6*
SZ-***

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

Address : **Mitsui Sumitomo Bank Ningyo-cho Bldg., 5-7, Nihonbashi
Odemma-cho, Chuo-ku, Tokyo 103-0011, Japan**

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

| <u>Applicable Directive</u> | <u>Title</u> |
|-----------------------------|--|
| 2014/35/EU | Low-voltage Directive |
| 2011/65/EU | Directive on the Restriction of the use certain of the use of Certain hazardous substances in electrical and electronic equipment (recast) |

and conforms to the following EN Standard.

| <u>Applicable Standard</u> | <u>Title</u> |
|----------------------------|--|
| EN 60947-4-1(2010/A1:2012) | Specification for low-voltage switchgear and controlgear Part 4: Contactors and motor-starters Section 1: Electromechanical contactors and motor-starters |
| EN 60947-5-1(2004/A1:2009) | Specification for low-voltage switchgear and controlgear Part 5-1: Control circuit devices and switching elements- Electromechanical control circuit devices |
| EN50581 (2012) | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances |

Signed by

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Place Konosu-shi, Saitama-Ken, Japan
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Application Model Explanation

1. Magnetic Contactor (SC series)

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

| Position | Description of position | Number | Description of application |
|----------|----------------------------|---|---|
| 1 | Frame size | E02 E03 E04 E05 E1 E2 E2S E3 E4 E5 E6 E7 | |
| 2 | Wiring | Blank P | Straight wiring connection Ring terminal connection |
| 3 | Non-reversing or reversing | Blank RM | Non-reversing Reversing |
| 4 | Operating method | Blank G | AC operated (for E02~E4) or AC/DC operated (for E5~E7) DC operated (for E02~E4) |

2. Thermal Overload Relay (TK series)

| | | | | |
|-----|---|---|---|---|
| TK- | * | * | / | * |
| | 1 | 2 | | 3 |

| Position | Description of position | Number | Description of application |
|----------|-------------------------|-----------------------------|--|
| 1 | Frame size | E02 E2 E3 E5 E6 | |
| 2 | Mounting | Blank H | On-contactor mounting Separate mounting |
| 3 | Reset | Blank A | Manual reset Auto reset |



Application Model Explanation

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, 02, | Blank or H | /T |
| Auxiliary contact block (Side mounting) | AS | 1 or 2 | Blank, or H | /T |
| Main circuit surge suppression unit | ZM | 1, 2, 3 or 4 | E | Blank |
| Mechanical interlock unit | RM | Blank | Blank | Blank |
| Connection kit for reversing | ERW | 1, 2, 3, 4, 5 or 6 | /A, /B or /D | Blank |
| | EPRW | 1, 2 or 3 | /C or /D | Blank |
| Coil surge suppression unit | Z | 1, 2, 3, 4, 5, 6, 7, 8, 9, 31, 32, 33, 34, 35, 36, 37 | Blank | Blank |
| Base unit for TOR separate mounting | H | CE, DE or EE | Blank | Blank |
| Trip indicator | L | 100 or 200 | Blank or N2 | Blank |
| TOR reset release | R | 1, 2, 3, 4, 5 or 6 | Blank | Blank |
| TOR dial cover | DA | Blank | Blank | Blank |

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