

MITSUBISHI ELECTRIC ENGINEERING  
FA Related Products  
TECHNICAL BULLETIN

No. FAB3-052  
December 2021

Title	Removal of CE marking from FA Goods time and wire saving devices due to abrogation of EN 50178 (EN standard)
Relevant models	FA Goods products

Thank you for your continued support of Mitsubishi Electric Engineering FA related products.  
This technical bulletin informs you that the CE marking is to be removed from certain FA Goods time and wire saving devices due to abrogation of the applicable EN standard, EN 50178.

### 1. Reason for the CE marking removal

According to the EU official journal issued on June 22, 2021, EN 50178:1997, a harmonized standard of the Low Voltage Directive (LVD), will be abrogated and replaced with EN 61010-1/-2-201 as of December 22, 2021.

The FA Goods products listed in "4 Target models" comply with EN 50178:1997, but do not comply with EN 61010-1/-2-201. Since the product design change to comply with the new standard is difficult, we've decided to remove the CE marking from applicable products.

### 2. Schedule

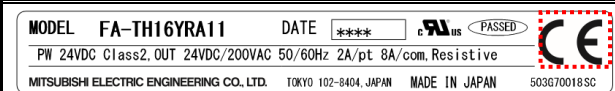


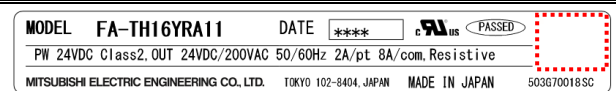


The products without the CE marking will be shipped as of December 21, 2021. Note that, both the products with/without the CE marking may be distributed in the market around that time.

### 3. Details on the change

The CE marking is removed from the rating plates of target models.

Rating plate

Example) For the FA-TH16YRA11

Before change	After change
 <p>MODEL FA-TH16YRA11 DATE ****  PASSED   PW 24VDC Class2, OUT 24VDC/200VAC 50/60Hz 2A/pt 8A/com, Resistive  MITSUBISHI ELECTRIC ENGINEERING CO., LTD. TOKYO 102-8404, JAPAN MADE IN JAPAN 503670018SC</p>	 <p>MODEL FA-TH16YRA11 DATE ****  PASSED   PW 24VDC Class2, OUT 24VDC/200VAC 50/60Hz 2A/pt 8A/com, Resistive  MITSUBISHI ELECTRIC ENGINEERING CO., LTD. TOKYO 102-8404, JAPAN MADE IN JAPAN 503670018SC</p>

#### 4. Target models

No.	Product	Model	EU directives with which the product complies
1	Relay terminal block for programmable controllers	FA-TB18XY	LVD
2	Relay terminal block for programmable controllers	FA-TB161AC	LVD
3	Relay terminal block for programmable controllers	FA-TB161ACC1	LVD
4	Relay terminal block for programmable controllers	FA-TB161ACC2	LVD
5	Relay terminal block for programmable controllers	FA-TB162ACC	LVD
6	Relay terminal block for programmable controllers	FA-CTB20P	LVD
7	Digital signal converter (terminal module)	FA-TH16YRA11	LVD, EMC
8	Digital signal converter (terminal module)	FA-TH16YRA11S	LVD, EMC
9	Digital signal converter (terminal module)	FA-TH16YRA20	LVD, EMC
10	Digital signal converter (terminal module)	FA-TH16YRA20S	LVD, EMC
11	Digital signal converter (terminal module)	FA-TH16YRA21	LVD, EMC
12	Digital signal converter (terminal module)	FA-TH16YRA21S	LVD, EMC
13	Digital signal converter (terminal module)	FA-TH16YSR11S	LVD, EMC
14	Digital signal converter (terminal module)	FA-TH16YSR21S	LVD, EMC
15	Digital signal converter (terminal module)	FA-TH16YSR20S	LVD, EMC
16	Digital signal converter (terminal module)	FA-TH16X100A31	LVD, EMC
17	Digital signal converter (terminal module)	FA-TH16X200A31	LVD, EMC
18	Digital signal converter (terminal module)	FA-TH16YRAC20S	LVD, EMC
19	Digital signal converter (terminal module)	FA-TH16X100A31L	LVD, EMC
20	Digital signal converter (terminal module)	FA-TH16X200A31L	LVD, EMC
21	Digital signal converter (terminal module)	FA-TH16X100D31L	LVD, EMC
22	Digital signal converter (terminal module)	FA-TH16YRA20SL	LVD, EMC
23	Digital signal converter (terminal module)	FA-TH16YRAB20SL	LVD, EMC
24	Digital signal converter (terminal module)	FA1-TH16Y1SR20S1E	LVD, EMC
25	Digital signal converter (terminal module)	FA1-TH1E16Y1SR20S1E	LVD, EMC
26	Digital signal converter (terminal module)	FA-FXTH16YRA20	LVD, EMC
27	Digital signal converter (terminal module)	FA-FXTH16YRA11S	LVD, EMC
28	Digital signal converter (terminal module)	FA-FXTH16YRA20S	LVD, EMC
29	Terminal block ↔ connector conversion adapter	FA-Q6TCA	LVD

## 5. Alternative CE-marked models

No.	Target model	Alternative model (CE-marked product)	Notes for the product replacement				
			External wiring method	Module replacement not possible ↓ Module replacement possible	16 points/ common, 1-wire type ↓ Independent common	16 points/ common, 2-wire type ↓ Independent common	Triac ↓ Relay
1	FA-TB18XY	—	—	—	—	—	—
2	FA-TB161AC	—	—	—	—	—	—
3	FA-TB161ACC1	—	—	—	—	—	—
4	FA-TB161ACC2	—	—	—	—	—	—
5	FA-TB162ACC	—	—	—	—	—	—
6	FA-CTB20P	—	—	—	—	—	—
7	FA-TH16YRA11	FA1-TH16Y2RA20S1E	● (M3-screw → Spring)	●	●	—	—
8	FA-TH16YRA11S	FA1-TH16Y2RA20S1E	● (M3-screw → Spring)	—	●	—	—
9	FA-TH16YRA20	FA1-TH16Y2RA20S1E	● (M3-screw → Spring)	●	—	—	—
10	FA-TH16YRA20S	FA1-TH16Y2RA20S1E	● (M3-screw → Spring)	—	—	—	—
11	FA-TH16YRA21	FA1-TH16Y2RA20S1E	● (M3-screw → Spring)	●	—	●	—
12	FA-TH16YRA21S	FA1-TH16Y2RA20S1E	● (M3-screw → Spring)	—	—	●	—
13	FA-TH16YSR11S	FA1-TH16Y2RA20S1E	● (M3-screw → Spring)	—	●	—	●
14	FA-TH16YSR21S	FA1-TH16Y2RA20S1E	● (M3-screw → Spring)	—	—	●	●
15	FA-TH16YSR20S	FA1-TH16Y2RA20S1E	● (M3-screw → Spring)	—	—	—	●
16	FA-TH16X100A31	Base unit: FA1-TH8X2SC20S1E Base unit: FA1-TH4X2SC20S1E Module: FA1-TM1X100A	● (M3-screw → Spring)	—	—	●	—
17	FA-TH16X200A31	Base unit: FA1-TH8X2SC20S1E Base unit: FA1-TH4X2SC20S1E Module: FA1-TM1X200A	● (M3-screw → Spring)	—	—	●	—
18	FA-TH16YRAC20S	—	—	—	—	—	—
19	FA-TH16X100A31L	Base unit: FA1-TH8X2SC20S1E Base unit: FA1-TH4X2SC20S1E Module: FA1-TM1X100A	● (M3.5-screw → Spring)	—	—	●	—
20	FA-TH16X200A31L	Base unit: FA1-TH8X2SC20S1E Base unit: FA1-TH4X2SC20S1E Module: FA1-TM1X200A	● (M3.5-screw → Spring)	—	—	●	—
21	FA-TH16X100D31L	Base unit: FA1-TH8X2SC20S1E Base unit: FA1-TH4X2SC20S1E Module: FA1-TM1X100D	● (M3.5-screw → Spring)	—	—	●	—
22	FA-TH16YRA20SL	FA1-TH16Y2RA20S1E	● (M3.5-screw → Spring)	—	—	—	—
23	FA-TH16YRAB20SL	Base unit: FA1-TH16Y2SC20S1E Module: FA-NYBP24WK4	● (M3.5-screw → Spring)	—	—	—	—
24	FA1-TH16Y1SR20S1E	FA1-TH16Y2RA20S1E	—	—	—	—	●
25	FA1-TH1E16Y1SR20S1E	FA1-TH1E16Y2RA20S	● (Spring → M3-screw)	—	—	—	●
26	FA-FXTH16YRA20	FA1-TH16Y2RA20S1E	● (M3-screw → Spring)	●	—	—	—
27	FA-FXTH16YRA11S	FA1-TH16Y2RA20S1E	● (M3-screw → Spring)	—	●	—	—
28	FA-FXTH16YRA20S	FA1-TH16Y2RA20S1E	● (M3-screw → Spring)	—	—	—	—
29	FA-Q6TCA	—	—	—	—	—	—

●: Applicable, —: Not applicable

All company and product name herein are either trademarks or registered trademarks of their respective owners.

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