

# TECHNICAL BULLETIN

Title	Shipment Prohibition of Some Models to the United States Due to the Toxic Substances Control Act (TSCA) Amendment
Date of issue	August 2024
Relevant Models	Some models of FAgoods time and wire saving devices

Thank you for your continued support of Mitsubishi Electric Engineering FA related products. We have confirmed some models of digital signal converters (FAgoods time and wire saving devices) contain substances restricted under the Toxic Substances Control Act (TSCA) in the United States. Please read the following information.

## 1. Overview

The Environmental Protection Agency (EPA) issued final rules in the Federal Register on January 6, 2021, based on "(h) CHEMICALS THAT ARE PERSISTENT, BIOACCUMULATIVE, AND TOXIC." in "SEC. 6. PRIORITIZATION, RISK EVALUATION, AND REGULATION OF CHEMICAL SUBSTANCES AND MIXTURES." of "the Toxic Substances Control Act (TSCA)" in the United States. These rules prohibit and restrict the manufacturing, processing, and distribution in commerce of "5 chemicals that are persistent, bioaccumulative, and toxic (PBT)" and "the products and molded parts containing those chemicals".

<Target substances>

No.	Restricted substance	Abbreviation
1	Decabromodiphenyl ether	Deca BDE
2	Tri(isopropylphenyl) phosphate	PIP (3:1)
3	2,4,6-tris(tert-butyl)phenol	2,4,6-TTBP
4	Hexachlorobutadiene	HCBd
5	Pentachlorothiophenol	PCTP

## 2. Target Models

No.	Product	Model
1	Spring clamp terminal type, 16-point 1.0A triac output (sink-type to sink-type, independent common; with socket)	FA1-TH16Y1SR20S1E
2	Spring clamp terminal type, 16-point 1.0A transistor output (sink-type to sink-type, independent common; with socket)	FA1-TH16Y1TR20S1E
3	Spring clamp terminal type, 16-point 1.0A triac output (source-type to source-type, independent common; with socket)	FA1-TH1E16Y1SR20S1E
4	Spring clamp terminal type, 16-point 1.0A transistor output (source-type to source-type, independent common; with socket)	FA1-TH1E16Y1TR20S1E

No.	Product	Model
5	M3-screw, module type, 16-point 1.0A triac output (1-wire type, 16 points/common; with socket)	FA-TH16YSR11S
6	M3-screw, module type, 16-point 1.0A triac output (independent common; with socket)	FA-TH16YSR20S
7	M3-screw, module type, 16-point 1.0A triac output (2-wire type, 16 points/common; with socket)	FA-TH16YSR21S
8	M3-screw, module type, 16-point 1.0A transistor output (sink-type to source-type, 1-wire type, 16 points/common; with socket)	FA-TH16YTH11S
9	M3-screw, module type, 16-point 1.0A transistor output (sink-type to sink-type, 1-wire type, 16 points/common; with socket)	FA-TH16YTL11S
10	M3-screw, module type, 16-point 1.0A transistor output (sink-type to sink-type, 2-wire type, 16 points/common; with socket)	FA-TH16YTL21S
11	M3-screw, module type, 16-point 1.0A transistor output (sink-type to sink/source-type, independent common; with socket)	FA-TH16YTR20S
12	M3-screw, module type, 16-point 1.0A transistor output (source-type to source-type, 1-wire type, 16 points/common; with socket)	FA-THE16YTH11S
13	M3-screw, module type, 16-point 1.0A transistor output (source-type to sink/source-type, independent common; with socket)	FA-THE16YTR20S
14	Signal pass-through module (quantity: 2)	FA-SN00SS2
15	Signal pass-through module (quantity: 4)	FA-SN00SS4
16	Triac module (quantity: 2)	FA-SN24A01FS2
17	Triac module (quantity: 4)	FA-SN24A01FS4
18	Transistor module (quantity: 2)	FA-SN24D01HZS2
19	Transistor module (quantity: 4)	FA-SN24D01HZS4

### 3. Target Country

The United States

### 4. Handling

The products that do not contain the restricted substances (products that comply with the TSCA regulations) will be manufactured and shipped sequentially from October 2024. However, the shipment start will differ depending on the order status. We will inform you again via a technical bulletin after the schedule is determined.

### 5. Precaution

The models listed in "2. Target Models" will not comply with the Toxic Substances Control Act (TSCA) in the United States after October 31, 2024. Thus, they will be prohibited from being brought into the United States and they will not be able to be distributed or sold.

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