

# Fire Detector Sensors

## FTX-0200S/FTX-0201

## Product Specifications

### 1. Application

The FTX-0200S and FTX-0201G are designed to transmit fire alarm signal to the security controller by detecting the circuit activity of the fire alarm system in case of the fire, and can be installed either on main alarm and subsidiary alarm bells. The product composed of the sensor units sensing the flow of the current when the alarm bell is triggered, and the detector units analyze its signal and transfer the abnormal conditions to the controller.

### 2. Features

- High quality fire sensing/detecting function
- Supervised circuit
- Self-testing and cover opening sensing function (Detector units)
- Sensor unit mounting supervision



FTX0201G

FTX0200S

### 3. Specifications

Article	Performance	Description
Sensor units (CT Sensor)	■ Current rate	5A / 1.66Ma
Detector units	■ Current range	0.01 ~ 80A (RL=10Ω) @AC current
	■ Turns rate	3000 : 1
	■ Using conditions	Operating temperature: -10°C ~ 50°C Operating Humidity: 0 ~ 85%
	■ Operating Voltage	DC 9.6V ~ 28.8V
	■ Carry Current	Max50Ma less (@DC 12V)
	■ Alarm bell operating sensing (current sensing)	Sensing when alarm bell is triggered
	■ Sensor unit mounting supervision	Sensing when get out of observation line
	■ Self-testing function	Sensing in case of abnormal operating of sensor units
	■ Cover opening sensing	Sensing in case of cover opening of detector units
	■ LED supervision	Power LED (Green) Operating indication LED (RED)
	■ Using conditions	Operating temperature: -10°C ~ 50°C Operating Humidity: 0 ~ 85%
	■ Alarm bell operating sensing	SHORT output
	■ Sensor units: in case of disconnection, out of observation line ■ Detector units: cover opening	OPEN output
	■ Output holding time when the alarm bell is triggered	2 ± 0.5 second

The specification is subject to change without any prior notice for the improvement or modifications