

# Fire Alarm System

## Alarm Transmission Equipment



### SC-ATE 16 Input Expansions

SENSOPERATE series are advanced, alarm transmission equipment panels in full conformance with the requirements of EN54.

The input expansions gives more flexibility to the Alarm Transmission Equipment. Designed as a plug-in board for Standard ATE Mainboards. Upto 2 expansion boards can be plugged into one device and it has automatic detection of I/O cards, and fail safe standards.

#### Highlights

- 16 Failsafe detection circuits
- Built-in LED for connection status
- Upto 2 expansions on single controller

#### Compatible Main Boards

- SC-ATE-M-I8-GSM-EX
- SC-ATE-M-I8-GSM-EB
- SC-ATE-M-I8-GSM-EM
- SC-ATE-M-I8-GSM-EMB

#### System Architecture



#### Ordering Information

P/N	Input Circuits	
SC-ATE-E-I16	16	Expansion Card

## Main

Range of product	SC-ATE
Product type	Input Expansion for ATE
Rated supply voltage	3.3V / 12V (Internally supplied)
Rated Fuse Rating	Resettable Thermal
Discrete input number	16 Fail Safe Inputs

## Input Channels

Supply Output Voltage at Inputs	12V DC
Alarm Resistor on the control input circuit	470 $\Omega$ +/- 5%
Terminating resistor on the control input circuit	4.7 k $\Omega$ +/- 5%
Connection type	2 - wire
Maximum Recommended Cable Length	200 meters
Number of programmable control inputs	8
Response Time	100 ms
Max Configurable de-bounce time	0 - 600 seconds
Maximum detection current of the detection circuit	10 mA
Maximum current in the circuit during an alarm	40 mA
Current limiting level of the detection circuit	54 mA
Maximum voltage on the transmission path	12V DC

## Diagnosis Features

On-board indicators	Module communication Indicator Module Power Indicator
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## Mechanical

Electrical Connection	Screw terminal block pitch 5.08mm
Mounting support	Wall mount
Height	165 mm
Width	40 mm
Product Weight	130 g



## Reach-Us

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