

## DESCRIPTION

The MS3900-TH is an I/O adapter that does not provide any signal conditioning. The module includes a front-accessible switch, which allows the user to utilize the internal shunt resistor (250Ω) to convert current signal into voltage signal.

## ORDERING INFORMATION

Ordering Code
MS3900-TH_ [1]

## SPECIFICATIONS

### INPUT & OUTPUT SECTION

Input	1 to 5V DC voltage signals or 4 to 20mA DC current signals Note: When the front-accessible switch is turned on for current signal input, the internal 250Ω shunt resistor is connected across the input to output voltage signals. The switch must be turned off for voltage signal input.
Shunt Resistor	250Ω (Accuracy: ±0.1%)

### ADDITIONAL

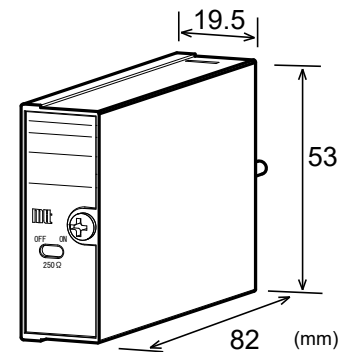
Option [1]	■ Polyurethane conformal coating ... /H
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### PERFORMANCE

Operating Environment	Ambient temperature: -5 to 55°C Humidity: 5 to 90% RH (non-condensing)
Storage Temperature	-10 to 60°C

### PHYSICAL

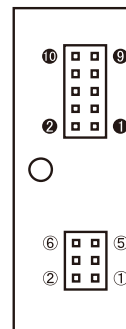
Installation	Mounted in an optional chassis (RC3900A-□□AI or RS3900-01TB).
Wiring	Wired to an optional chassis (RC3900A-□□AI or RS3900-01TB).
External Dimensions	W19.5 × H53 × D82 mm
Weight	Approx. 35g



## MATERIAL

Housing	ABS resin
PC Board	Glass fabric, epoxy resin (FR-4: UL 94V-0)

## PIN ASSIGNMENTS



PIN	SIGNAL	PIN	SIGNAL
①	+ INPUT	①	+ OUTPUT 1
②	- INPUT	②	- OUTPUT 1
③	N. C.	③	+ OUTPUT 2
④	N. C.	④	- OUTPUT 2
⑤	N. C.	⑤	N. C.
⑥	N. C.	⑥	N. C.
		⑦	N. C.
		⑧	N. C.
		⑨	F. G.
		⑩	N. C.

## BLOCK DIAGRAM

