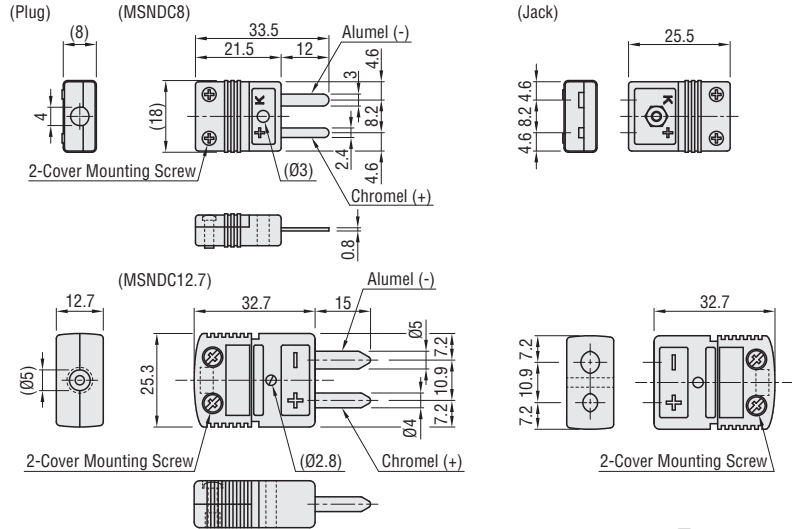
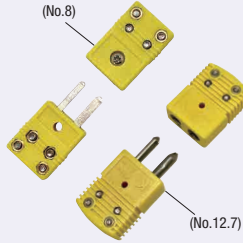


K Thermocouple Connectors, Bimetal Thermostats

■ K Thermocouple Connectors

MSNDC



Operating Temperature, Range: 0°C ~ 130°C

Material
Case : PP (Polypropylene)

Part Number Type	No.	Unit Price



Ordering Example

Part Number
MSNDC12.7

■ Features

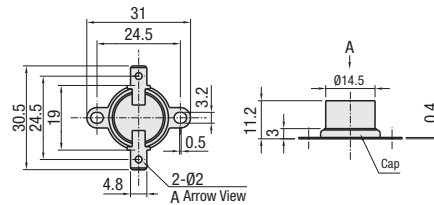
The compensation lead wires can easily be attached and detached by connecting them with plug and jack of the connector respectively.
*No.8 and No.12.7 are same except for the size.

■ How to Use

- 1 Peel off the sheath of compensation lead wires. (Approx. 7mm)
- 2 Loosen the screw on connector by the screwdriver, and remove the cover.
- 3 Loosen the screw in the connector and connect the + (Red) and - (White) of compensation lead wires to the + and - terminals of the connector, respectively.
- 4 Confirm the screws are securely tightened, then install the cover.

■ Bimetal Thermostats

MBMS



Material
Body : Ceramic (Steatite Type)
Cap : Aluminum
Bimetal : Disk Bimetal

Part Number Type	No.	Rated Operating Temperature (°C)		Unit Price
		OFF	ON	
MBMS	080	80±5	65±8	
	100	100±5	80±8	
	120	120±6	100±10	
	140	140±6	120±15	
	160	160±6	135±15	
	180	180±8	140±15	
200	200±10	160±20		

■ Features

- Bimetal of automatic return type.
- It energizes (NC) when the power is turned on and the contact point shuts off when it reaches to the operation temperature rate (OFF) and electricity is turned off. It automatically recovers when it is below the rated operating temperature.



Ordering Example

Part Number
MBMS080

(Structure)

Principle of Operation: Bimetal Non-energizing Type, Single Pole Single Throw, Operating Temperature One Point Fixed Type

Operating Method: OFF when temperature rises, and ON when temperature drops

(Electric Rating)

Resistive Load AC125V/10A AC250V/5.0A (Minimum Current: 0.1A)

(Contact Resistance)

50mΩ or less according to minute current ohmmeter (DC6V/0.1A) (Initial Value)

(Insulation Resistance)

100MΩ or more in DC500V mega in the charge part and non-charge part

(Insulation Resistance)

AC1500V/min or AC1800V/sec in the charge part and non-charge part

(Leakage current: 10mA)

(ON/OFF Life Span Test)

The thermal ON/OFF operation is done 10,000 times at the load of rated current and voltage.

Insulation Resistance: 50MΩ; Contact resistance: 100mΩ or less