

ALARM SETTER

SD - □ - 105 □ - □ □ □

ACTUAL SCALE TYPE

Use

An actual scale type setter for instrumentation. The device inputs DC voltage or DC current signal and outputs contact signal.



**SD-HL-105**  
(80 × 50 × 133mm/450g)

Features

1. Compact plug-in type (11 pin)
2. Alarm can be set easily by front VR because the device is actual scale type.
3. Relay contact output. (1C contact)
4. Two-color LED indication type, state of control is understandable at one glance.  
(When not detected: green; When detected: red)
5. Dead band range can be changed by front VR.
6. Built-in start delay circuit. (0.5 sec)
7. Built-in contact delay circuit (MAX. 10 sec) is also manufacturable. (Option)
8. Precise setting by a digital switch is possible because the device is VR method.
9. Precise resistance unit for measures against current input open is manufacturable, too.  
(UR-1, selling separately)

Specification

Input (input resistance)		Auxiliary supply	Common specification
A1 : DC0-10mV (approx.1M )	C3 : DC0-1mA (100 )	1 : AC100V ± 15%, 50/60Hz	Consumption VA: AC power source:3VA DC power source:3.5W Weight: AC power source:450g DC power source:450g Dead band: 0.5-5% (difference between operation value and return value) variable
A2 : DC0-50mV (approx.1M )	C5 : DC0-10mA (100 )	2 : AC110V ± 15%, 50/60Hz	
A3 : DC0-60mV (approx.1M )	C6 : DC0-16mA (100 )	3 : AC200V ± 15%, 50/60Hz	
A4 : DC0-100mV (approx.1M )	C7 : DC4-20mA (100 )	4 : AC220V ± 15%, 50/60Hz	
A5 : DC0-1V (approx.1M )	00 : other than those above	5 : DC24V ± 20%	
A6 : DC0-5V (approx.1M )		6 : DC48V ± 20%	
A7 : DC0-10V (approx.1M )		0 : other than those above	
A8 : DC1-5V (approx.1M )			
Input product range : Voltage input: DC10mV-250V Current input : DC1mA-100mA			

Option Contact delay circuit (2 sec. Operation delay instantaneous return)

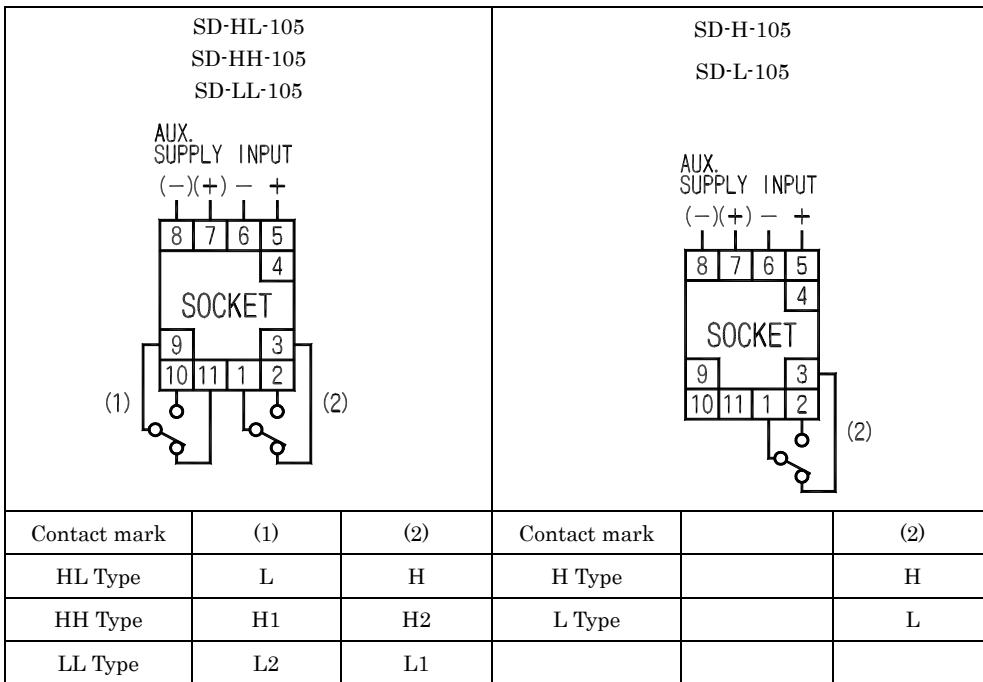
Contact starts to operate when input exceeded pickup value continuously for 2 sec., and returns when input falls below dropout value. The device can prevent the operation of contact that caused by instantaneous overload and other. Please specify as "with contact delay".

Type code: SD - □ - 105 **D** - □ □ □

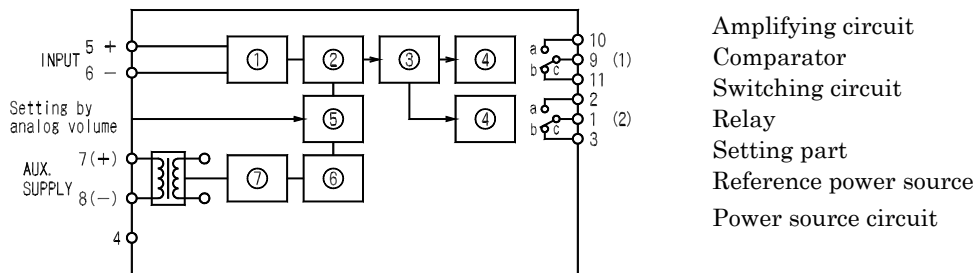
UR-1 precise resistance unit (Selling separately)

Use UR-1 combined with an alarm setter of voltage input. When changing the alarm setter in a hot line state at the time of current input, if measures against open are necessary, connect UR-1 to socket and convert it into a voltage signal before using it.  
(UR-1, resistance specified)

Connection diagram



Block diagram



Purchase specifications

