

Burnout: Up, Down or Off; the maximum burnout time is specified as 60 seconds.

Insulation resistance: 100 M Ω minimum at 500 V DC between input, output-1, output-2, power supply and grounding terminals mutually

Withstanding voltage: 2000 V AC for one minute between input, (output-1, output-2), power supply and grounding terminals mutually
1000 V AC for one minute between output-1, output-2 terminals mutually

Operating temperature range: 0 to 50°C

Operating humidity range: 5 to 90% RH (no condensation)

Supply voltage range: 24 V DC \pm 10%
100 to 130 V AC/DC (\pm 15%)
200-240 V AC (-15%, +10%)

Effects of power line regulation: Up to \pm 0.1% of span for the regulation within allowable range of each supply voltage range

Effects of ambient temperature variations: Up to \pm 0.2% of span per 10°C

Effects of leadwire resistance variations: Up to \pm 0.1°C per 10 Ω /leadwire

Power consumption:
2.6 W at 24 V DC; 2.5 W at 110 V DC;
5.0 VA at 100 V AC; 7.0 VA at 200 V AC

■ Mounting and Appearance

Material: Case body; ABS resin (black), UL94 V-0
Socket; Modified polyphenylene oxide, including glass fiber (black), UL94 V-1

Mounting method: Wall or DIN rail mounting
More than 5 mm interval is required for side-by-side close mounting.

Connection method: M3.5 screw terminals

External dimensions: 86.5 (H) \times 51 (W) \times 133 (D) mm (including a socket)

Weight: Approx. 200 g (main unit), approx. 80 g (socket)

■ Accessories

Spacer: One (used for DIN rail mounting)

Range labels: Two

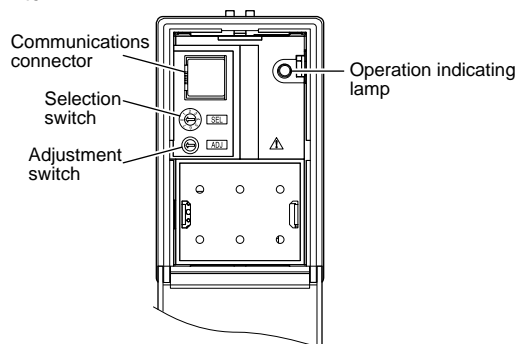
■ Customized Signal Specifications

	Current Signal	Voltage Signal
Output range (DC)	0 to 20 mA	-10 to +10 V
Span (DC)	1 to 20 mA	10mV to 20 V
Zero elevation	0 to 150 %	-125 to +400 % *

* -50 to +25% for the span of 20 mV DC or less.

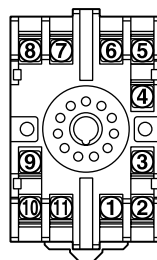
■ Front Panel

Output adjustment and wiring resistance correction are available using selection switch and adjustment switch.



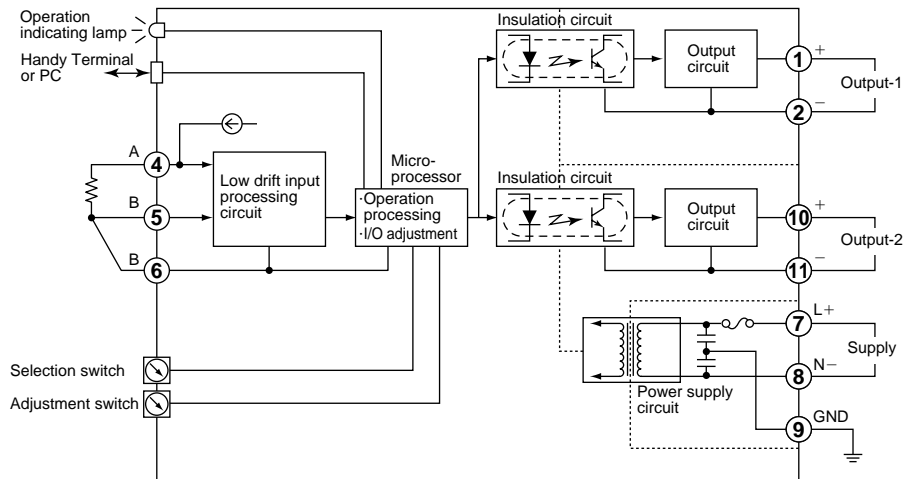
The position of a selection switch	Adjustment item
0	No function
1	Output-1 zero adjustment
2	Output-1 span adjustment
3	Output-2 zero adjustment
4	Output-2 span adjustment
5	Wiring resistance correction

■ Terminal Assignments

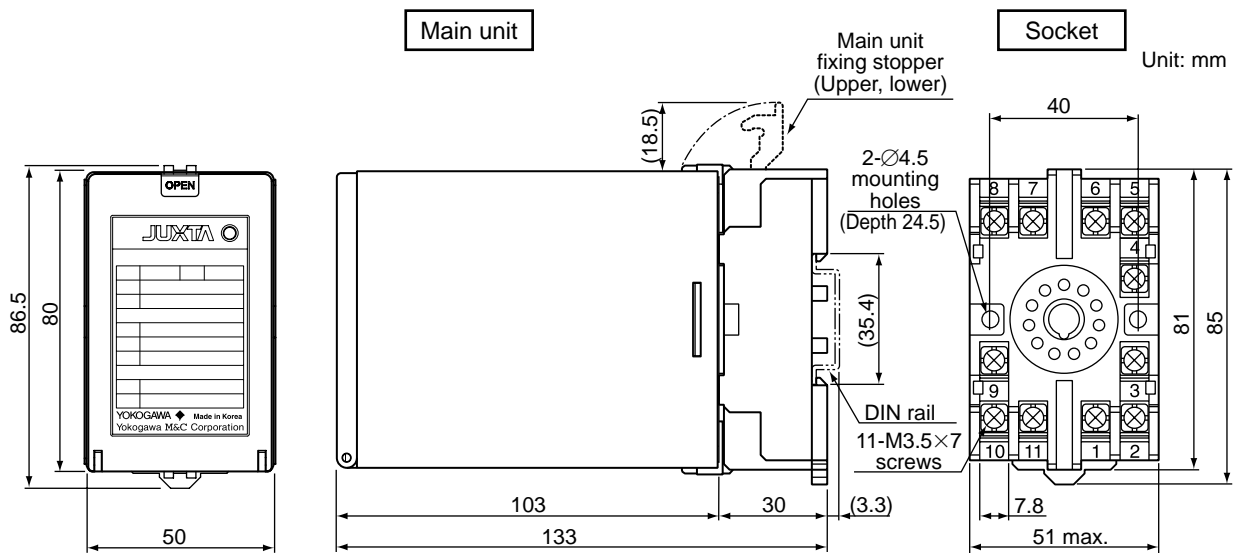


1	OUTPUT-1	(+)
2	OUTPUT-1	(-)
3	N.C.	
4	INPUT	(A)
5	INPUT	(B)
6	INPUT	(B)
7	SUPPLY	(L+)
8	SUPPLY	(N-)
9	GND	
10	OUTPUT-2	(+)
11	OUTPUT-2	(-)

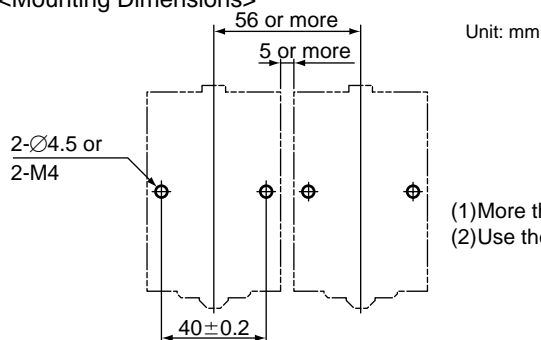
■ Block Diagrams



■ External Dimensions



<Mounting Dimensions>



- (1) More than 5 mm interval is required for side-by-side close mounting.
 (2) Use the supplied spacer for DIN rail mounting to keep 5 mm interval.

• The information covered in this document is subject to change without notice for reasons of improvements in quality and/or performance.