



**PERFORMANCE**

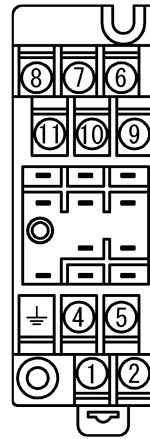
Accuracy Rating	Better than ±0.1% of span (at 25°C±5°C).
Temperature Effect	Better than ±0.15% of span per 10°C change in ambient.
Isolation	Isolation between output 1, output 2, power, and ground.
Set Value Indicator	Red LED, digit height 8.0mm, 3 digits.
Insulation Resistance	100MΩ min. (@ 500V DC) between output 1, output 2, power, and ground.
Dielectric Strength	[Output 1/Output 2] / [Power, Ground]: 2000V AC for 1 minute (Cutoff current: 0.5mA) Power / Ground: 2000V AC for 1 minute (Cutoff current: 5mA) Output 1 / Output 2: 500V AC for 1 minute (Cutoff current: 0.5mA)
Surge Withstand Capability	Tested as per ANSI/IEEE C37.90.1-1989.
Operating Environment	Ambient temperature: -5 to 55°C Humidity: 5 to 90% RH (non-condensing)
Storage Temperature	-10 to 60°C
<b>PHYSICAL</b>	
Installation	Wall/DIN rail mounting
Wiring	M3.5 screw terminal connection (with a power terminal block cover & drop-proof screws)
Screwing Torque	0.8 to 1.0 [Nm] * Recommended
External Dimensions	W29 × H86 × D125mm (including the mounting screw and socket)
Weight	Main unit: 120g max. Socket: 80g max.

**MATERIALS**

Housing	ABS resin (UL 94V-0)
Terminal Block	PBT resin (UL 94V-0)
Terminal Block Cover	PC resin (UL 94V-2)
DIN Rail Stopper	PP resin (UL 94HB)
Screw Terminal	Nickel-plated steel
Contacts Material and Finish	Brass with 0.2μm gold plating
Printed Circuit Board	Glass fabric epoxy resin (FR-4: UL 94V-0)
Conformal Coating	HumiSeal® 1A27NS (Polyurethane)

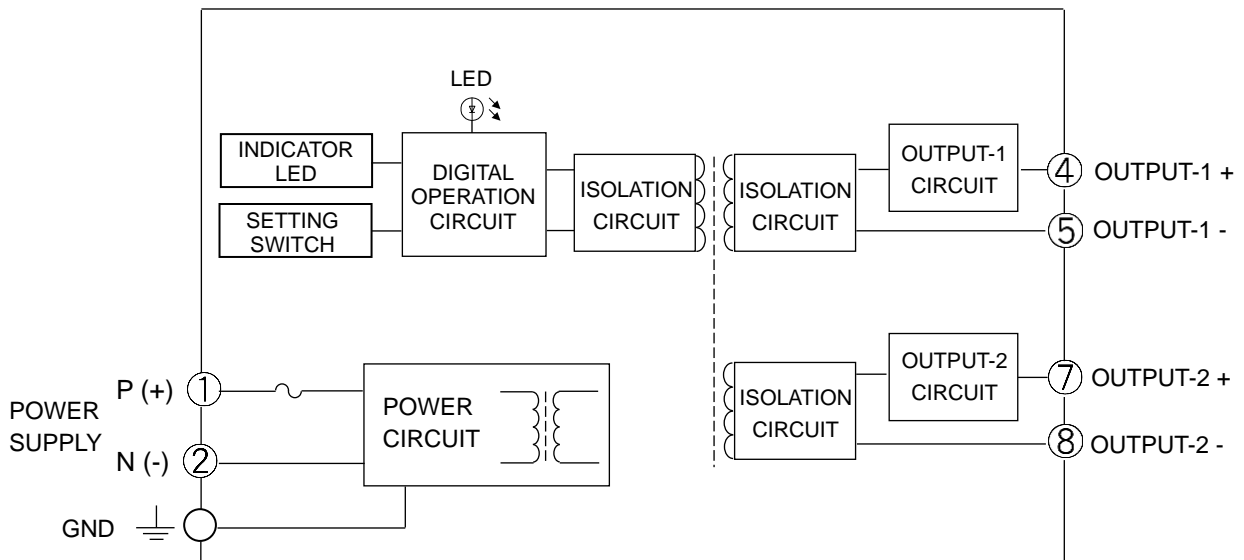
\* HumiSeal® is a registered trademark of Chase Corporation.

**TERMINAL ASSIGNMENT**

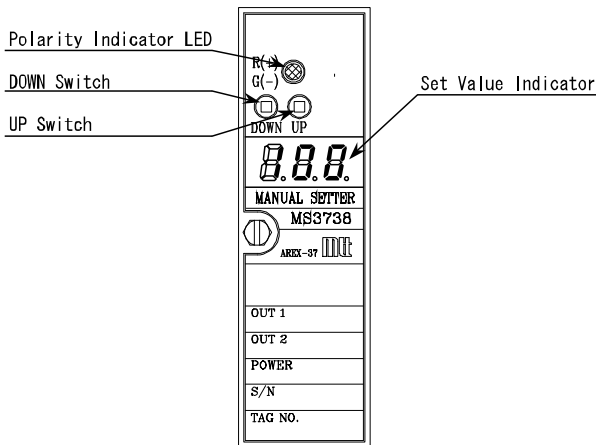


①	P (+)	POWER
②	N (-)	
⊥	GND	
④	+ OUTPUT 1	
⑤	- OUTPUT 1	
⑥	N.C.	
⑦	+ OUTPUT 2	
⑧	- OUTPUT 2	
⑨	N.C.	
⑩	N.C.	
⑪	N.C.	

**BLOCK DIAGRAM**



**FRONT VIEW**



**SETTING**

● **OUTPUT SETTING**

When the power is turned on, the Set Value Indicator shows the current set value. This value can be changed to a desired value by pressing the UP/DOWN switch.

**Indicator**

The Polarity Indicator LED is red when the set value is positive and green when it is negative. The Set Value Indicator is dimmed if no switch is operated for one minute, while the Polarity Indicator LED keeps illuminating depending on the polarity.

**UP/DOWN Switch**

The switch is of a push button type. Pressing and holding the switch increases the speed at which the value changes.

**Factory Default Setting**

If not specified, the output will be set to the factory default of 0%.

**LED STATUS INDICATORS**

● **INDICATOR PATTERNS**

No.	Event	Set Value Indicator (7-segment LED)	Polarity Indicator LED	Output	Recovery Operation
1	Power ON or switch operation	Blinks 3 times (1 s ON - 0.5 s OFF cycle).	Green LED turns ON for 1 second, and then red LED turns ON for 0.5 second. This cycle is repeated 3 times.	Normal	—
2	Normal operation	Dimmed	Red LED is ON when the set value is positive; Green LED is ON when it is negative.	Normal	—
3	Value setting	Set value	Red LED is ON when the set value is positive; Green LED is ON when it is negative.	Normal	—
4	DAC error	Error code: 1	Red LED blinks at 0.25 second intervals.	Typically 0%, but may vary.	None
5	CRC error of a set value	Error code: 2	Red LED blinks at 1 second intervals.	0%	Reconfiguration
6	CRC error of a compensated value	Error code: 4	Red LED blinks at 1 second intervals.	0%	None
7	System error	Not defined.	Red LED is ON; Green LED is not defined.	Typically 0%, but may vary.	None

Notes:

No. 1: When the Set Value Indicator is turned on, a 3-digit number “888” with dots is displayed.

No. 4 - 7: Only the last digit is displayed in the event of an error.

No. 7: The red LED may fail to light up.