

ECI-33/333/3D33



Provide single/double circuit current or voltage signal, and transmit isolating single/double circuit or voltage signal. Isolating performance among input, output and power supply is improved.

- All intellectualized, digitalized and programmable
- Extremely high stability and constant precision
- High galvanic isolation between power supply, input, output and double loop
- Conform to IEC61000 electromagnetic immunity standard.

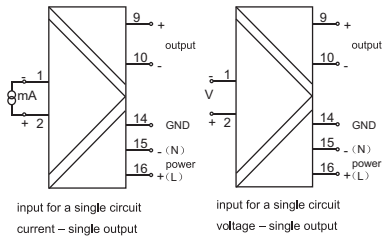
Main technical parameters:

	ECI-33	ECI-333	ECI-3D33
System transmission precision:	$\pm 0.2\% \times F \cdot S$ ($\pm 0.1\%$ can be customized)	$\pm 0.2\% \times F \cdot S$ ($\pm 0.1\%$ can be customized)	$\pm 0.2\% \times F \cdot S$ ($\pm 0.1\%$ can be customized)
Current channel:	Single input-single output	Single input-double output	Single input-double output
Temperature draft:	$\pm 0.0035\% \times F \cdot S / ^\circ C$ (35ppm/ $^\circ C$)	$\pm 0.0035\% \times F \cdot S / ^\circ C$ (35ppm/ $^\circ C$)	$\pm 0.0035\% \times F \cdot S / ^\circ C$ (35ppm/ $^\circ C$)
Working ambient temperature:	-10~55 $^\circ C$	-10~55 $^\circ C$	-10~55 $^\circ C$
Input impedance:	Current: 100 Ω ; Voltage: 500K Ω	Current: 100 Ω ; Voltage: 500K Ω	Current: 100 Ω ; Voltage: 500K Ω
Allowable external load impedance of current input:	4-20mA: 0~500 Ω	4-20mA: 0~500 Ω	4-20mA: 0~500 Ω
A larger load capacity can be specified during order:			
Internal impedance at voltage output:	250 Ω	250 Ω	250 Ω
Dielectric strength between input / output / power supply / correspondence / double loop	DC $\geq 2000V$.DC AC $\geq 1500V$.AC	DC $\geq 2000V$.DC AC $\geq 1500V$.AC	DC $\geq 2000V$.DC AC $\geq 1500V$.AC
Electromagnetic immunity:	Conform to IEC61000-4-4:1995 electromagnetic immunity requirement for the third industrial site		
Power supply:	DC24VDC $\pm 10\%$ AC95~265VAC	DC24VDC $\pm 10\%$ AC95~265VAC	DC24VDC $\pm 10\%$ AC95~265VAC
Input power:	0.9W	0.9W	1.8W

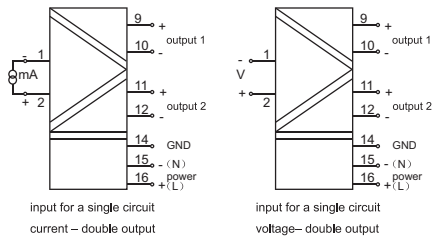
Smart isolator

Wiring diagram :

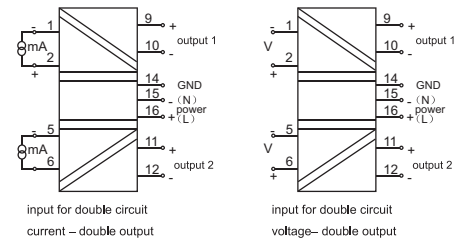
ECI-33



ECI-333



ECI-3D33



Note:

Power line of 220V power supply product is connected between L and N, L is connected with phase line and N is connected with neutral.

Mechanical diagram:

