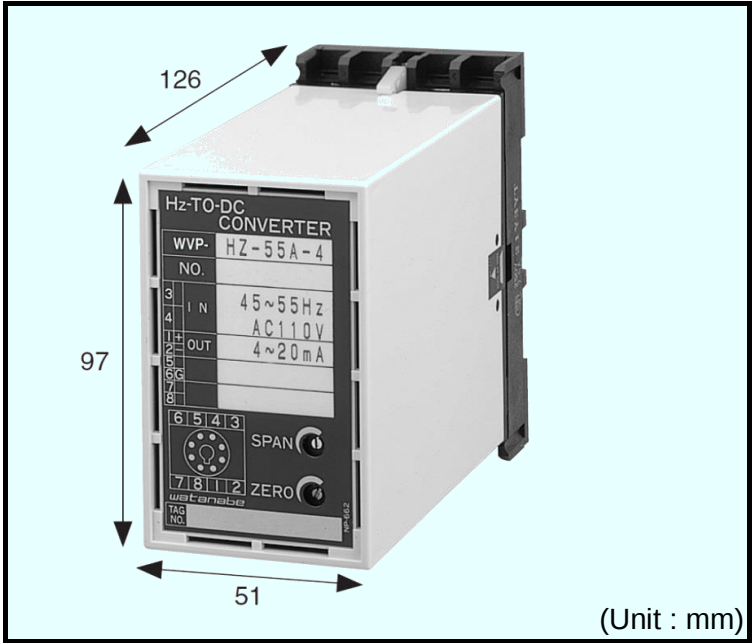




This plug-in converter accepts the commercial power frequency input and provides isolated DC voltage or current output. The converter allows accurate measurement of distorted waves. The low ripple output signals are ideal for computers since they are hardly affected by load resistance.

Features

- ★ Dielectric strength of 2000Vac between input, output and power supply
- ★ The ripple contained in its output signal is 0.5% (p-p) FS or less
- ★ Required no auxiliary power supply by rationalized circuit configuration
- ★ Easy maintenance by plug-in structure

Ordering code

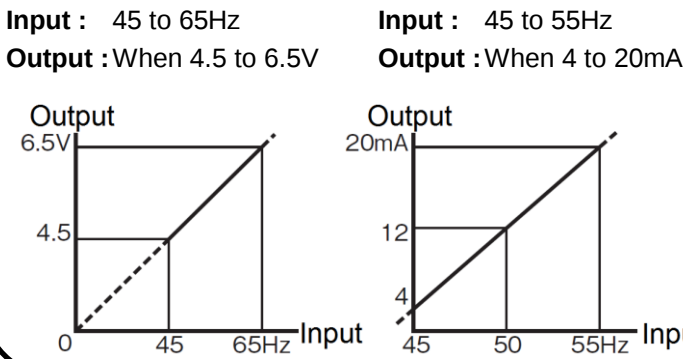
WVP- **HZ** - **55** - **A** - **4**

Code	Input
55	45 to 55Hz (center frequency 50Hz)
56	45 to 65Hz (for 50/ 60hz in common)
65	55 to 65Hz (center frequency 60Hz)
99	Contact us for other than the above (Between 40 to 70Hz)

Code	Output	Allowable Load
A	4 to 20mA _{dc}	500Ω or less
B	1 to 5mA _{dc}	2kΩ or less
C	2 to 10mA _{dc}	1kΩ or less
D	0 to 1mA _{dc}	10kΩ or less
E	0 to 10mA _{dc}	1kΩ or less
F	0 to 16mA _{dc}	625Ω or less
G	0 to 20mA _{dc}	500Ω or less
H	1 to 5V _{dc}	2.5kΩ or more
I	4.5 to 6.5V _{dc}	2.5kΩ or more
J	0 to 10mV _{dc}	10kΩ or more
K	0 to 100mV _{dc}	100kΩ or more
L	0 to 1V _{dc}	500Ω or more
N	0 to 5V _{dc}	2.5kΩ or more
P	0 to 10V _{dc}	5kΩ or more
S	Contact us for other than the above Current output 20mA or less Voltage output 10V or less	

Code	Supply voltage
1	100Vac ±10% 50/60Hz
2	200Vac ±10% 50/60Hz
4	110Vac ±10% 50/60Hz
5	220Vac ±10% 50/60Hz

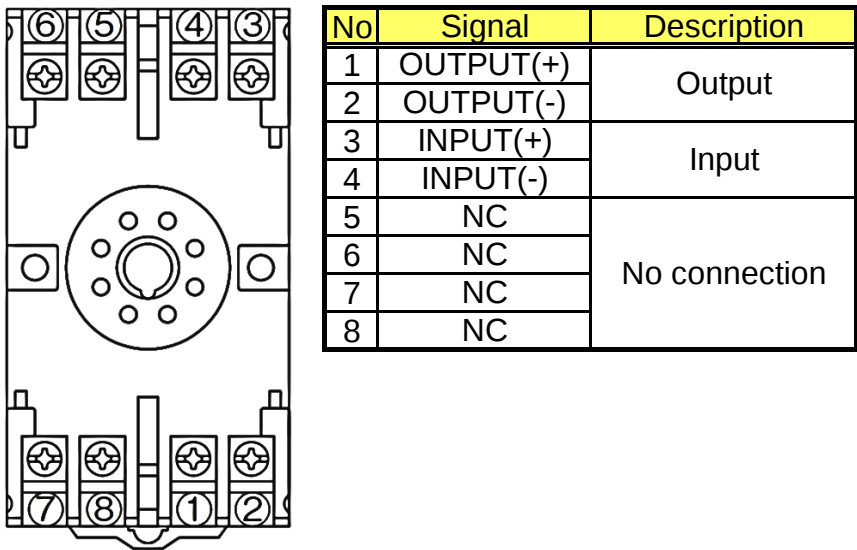
★ Relation between Input and Output



Specifications

Operating principles	F/V system (frequency/voltage)
Accuracy	±0.2% FS (at 23°C)
Allowable excessive input	Voltage : 200% 5 seconds
Response time	Approx. 1s (0 to 90%)
Output ripple	0.5% (p-p) FS or less
Allowable load resistance	Current output 10V or less of voltage drop between output terminal Voltage output Load current 2mA or less For 1V FS or less of output the current is 1μA or less
Zero & span adjustment	±10% FS (3 turn trimmer)
Operating temperature	-5 to +55°C
Operating relative humidity	90% or less (non-condensing)
Temperature coefficient	±0.02% FS of span per °C
Insulation resistance	100MΩ or more with a 500V _{dc} megger Between input, output, and power supply terminal
Dielectric strength	2000Vac for 1 minute
Power consumption	Approx. 4VA (AC)
Power supply	Not required
Dimensions	97(H) X 51(W) X 126(D)mm
Weight	Approx. 400g
Structure	Plug-in
Connection	M3.5 SEMS screw part of the base socket
Material of terminal screw	Chromated iron
Case color and material	Ivory, heat-resistant ABS resin
Mounting	DIN rail or wall surface

Terminal connections



* Specification is subject to change without notice