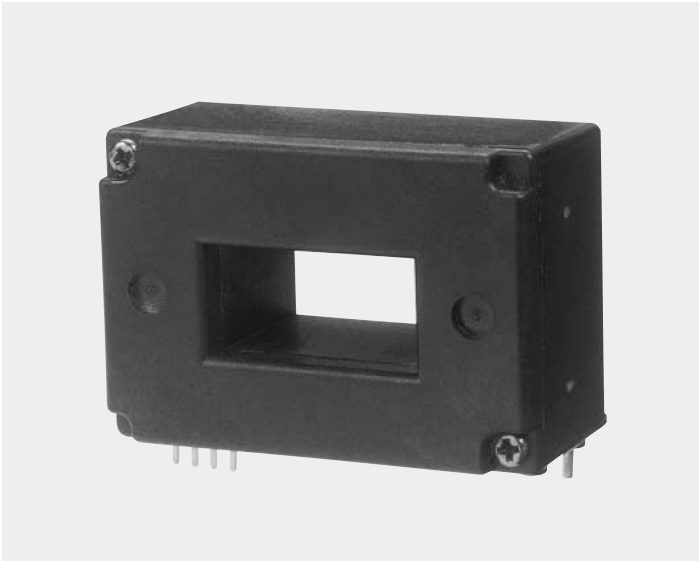


HC-PZ



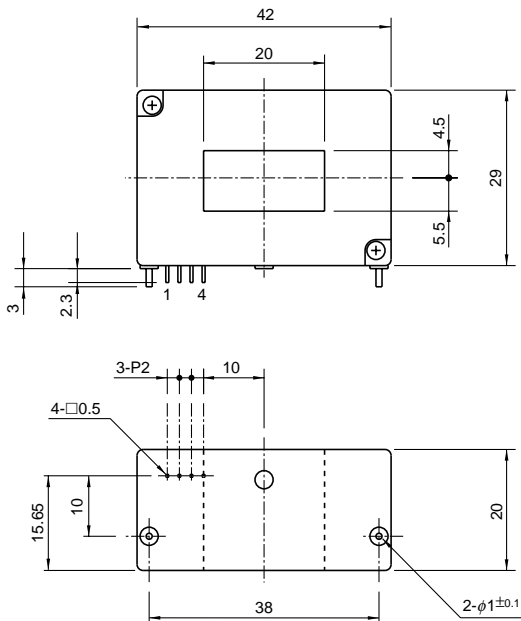
- Rated current .....50A~800A
- Models available from low-to medium-capacity

Applications

Inverters, power supply equipment, NC machine tools

Dimensions

(mm)



- Terminal No. 1...(+ terminal)  
2...(- terminal)  
3...Output  
4...GND

Weight : 45g

## Specification

Ta=25°C

Type	HC-PZ050V4B15	HC-PZ100V4B15	HC-PZ300V4B15	HC-PZ600V4B15	HC-PZ800V4B15
Rated current [If]	±50A	±100A	±300A	±600A	±800A
Saturation current [Is]	±150A	±300A	±900A	±1200A	±1200A
Linearity limits	0~±150A	0~±300A	0~±700A	0~±900A	0~±900A
Rated output [Vh]	±4V±1%				
Residual output [Vo]	Within ±50mV				
Output linearity	Within ±1%				
Response time	Within 10μs (at di/dt=100A/μs)				
Output Temp. Coef.	Within ±0.1%/°C				
Residual output Temp. Coef.	Within ±4mV/°C	Within ±2mV/°C	Within ±1mV/°C		
Control power supply	±15V±5%				
Operating Temp.	-10°C~+75°C				
Storage Temp.	-15°C~+85°C				
Dielectric withstand voltage	2500V AC 50/60Hz 1minute				
Insulation resistance	Not less than 500MΩ 500V DC				

Note1) The indicated rated output is the one when no load is applied.

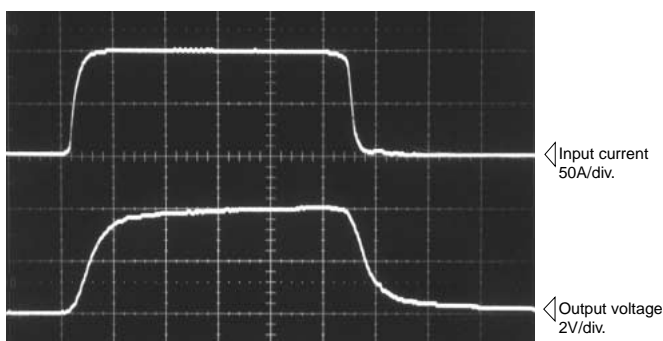
Note2) The indicated residual voltage is the one after the core hysteresis is removed.

## Characteristics chart

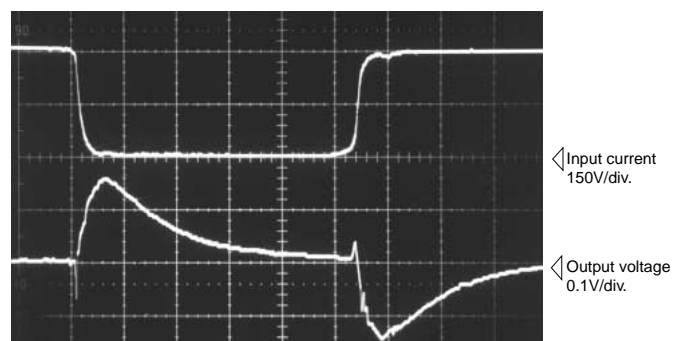
HC-PZ100V4B15

Time base : 5μs/div.

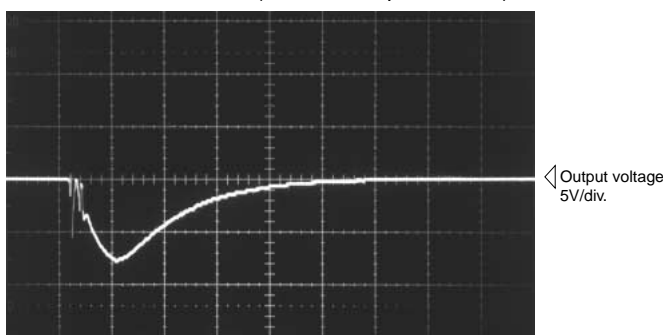
Pulse current response characteristic



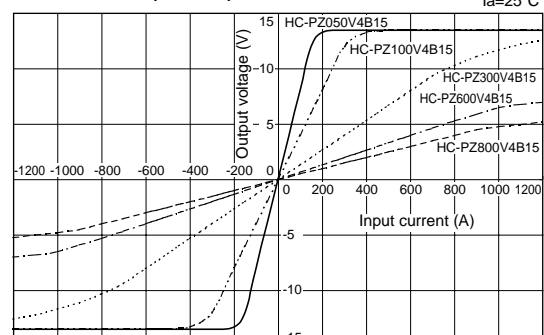
Noise characteristics (Effects of dv/dt)



Noise characteristics (Effects of impulse noise)



Input/output characteristics



Note : The mark "◁" means 0V or 0A.