

## HS-PHA series

\*Control power supply specification:  $\pm 12V$

Type	HS-PHA05V4B12	HS-PHA10V4B12	HS-PHA15V4B12	HS-PHA20V4B12	HS-PHA25V4B12	HS-PHA30V4B12
Rated current [If]	$\pm 5A$	$\pm 10A$	$\pm 15A$	$\pm 20A$	$\pm 25A$	$\pm 30A$
Continuously flowing DC current	$\pm 3.6A$	$\pm 7.2A$	$\pm 10.8A$	$\pm 14.4A$	$\pm 18A$	$\pm 23.3A$
Saturation current [Is]	$\pm 8A$	$\pm 15A$	$\pm 25A$	$\pm 35A$	$\pm 44A$	$\pm 50A$
Linearity limits	$0 \sim \pm 5A$	$0 \sim \pm 10A$	$0 \sim \pm 20A$	$0 \sim \pm 30A$	$0 \sim \pm 37.5A$	$0 \sim \pm 45A$
Size of primary winding	$\phi 0.8$	$\phi 1.0$	$\phi 1.3$	$\phi 1.3$	$\phi 1.3$	$\phi 1.3$
Turns	6	3	2	1	1	1
Rated output [Vh]	$\pm 4V \pm 1.5\%$ (RL=10k $\Omega$ )					
Residual output [V0]	Within $\pm 30mV$					
Output linearity	Within $\pm 0.5\%$					
Response time	Within $3 \mu s$ (at $di/dt=If/\mu s$ )					
Response performance	Within 20%					
Hysteresis Voltage range	Within 50mV					
Output Temp. Coef.	Within $\pm 0.04\%/^{\circ}C$					
Residual output Temp. Coef.	Within $\pm 1mV/^{\circ}C$					
Control power supply	$\pm 12V \pm 5\%$					
Consumption current	$20mA + (\text{Input current} \times N)/1270$					
Operating Temp.	$-10^{\circ}C \sim +80^{\circ}C$					
Strage Temp.	$-15^{\circ}C \sim +85^{\circ}C$					
Dielectric withstand voltage	2500V AC 50/60Hz 1minute					
Insulation resistance	Not less than 500M $\Omega$ 500V DC					