

# HC-PSG series

\*制御電源 ±15V仕様

形名 (Type)	HC-PSG01V4B15	HC-PSG03V4B15	HC-PSG05V4B15	HC-PSG10V4B15	HC-PSG15V4B15	HC-PSG20V4B15
定格電流 [If] (Rated current)	±1A	±3A	±5A	±10A	±15A	±20A
連続通電DC電流 (Continuously flowing DC current)	±2.2A	±8.8A	±8.8A	±13.8A	±13.8A	±23.3A
飽和電流 [Is] (Saturation current)	±3A	±9A	±15A	±30A	±45A	±45A
直線性範囲 (Linearity limits)	0~±2.5A	0~±7.5A	0~±12.5A	0~±25A	0~±37.5A	0~±37.5A
1次巻線線径 (Size of primary winding)	φ0.4	φ0.8	φ0.8	φ1.0	φ1.0	φ1.3
ターン数 (Turns)	30	10	6	3	2	2
定格出力 [Vh] (Rated output)	±4V±2% (RL=10kΩ)					
残留出力 [V0] (Residual output)	Within ±100mV					
直線性 (Output linearity)	Within ±1%					
応答速度 (Response time)	Within 10μs (at di/dt=If/μs)					
過渡特性 (Response performance)	Within 10%					
ヒステリシス巾 (Hysteresis Voltage range)	Within 100mV					
出力温度特性 (Output Temp. Coef.)	Within ±0.1%/°C					
残留出力温度特性 (Residual output Temp. Coef.)	Within ±6mV/°C					
制御電源 (Control power supply)	±15V±5%					
消費電流 (Consumption current)	Within 30mA					
使用温度範囲 (Operating Temp.)	-10°C~+80°C					
保存温度範囲 (Storage Temp.)	-15°C~+85°C					
耐電圧 (Dielectric withstand voltage)	2500V AC 50/60Hz 1minute					
絶縁抵抗 (Insulation resistance)	Not less than 500MΩ 500V DC					

# HC-PSG series

\*制御電源 ±15V仕様

形名 (Type)	HC-PSG25V4B15	HC-PSG30V4B15	HC-PSG35V4B15	HC-PSG40V4B15	HC-PSG45V4B15	HC-PSG50V4B15
定格電流 [If] (Rated current)	±25A	±30A	±35A	±40A	±45A	±50A
連続通電DC電流 (Continuously flowing DC current)	±33.4A	±33.4A	±33.4A	±33.4A	±33.4A	±54.1A
飽和電流 [Is] (Saturation current)	±45A	±90A	±90A	±90A	±90A	±90A
直線性範囲 (Linearity limits)	0~±37.5A	0~±75A	0~±75A	0~±75A	0~±75A	0~±75A
1次巻線線径 (Size of primary winding)	φ1.1 x 2	φ1.1 x 2	φ1.1 x 2	φ1.1 x 2	φ1.1 x 2	φ1.4 x 2
ターン数 (Turns)	2	1	1	1	1	1
定格出力 [Vh] (Rated output)	±4V±2% (RL=10kΩ)					
残留出力 [V0] (Residual output)	Within ±100mV					
直線性 (Output linearity)	Within ±1%					
応答速度 (Response time)	Within 10μs (at di/dt=If/μs)					
過渡特性 (Response performance)	Within 10%					
ヒステリシス巾 (Hysteresis Voltage range)	Within 100mV					
出力温度特性 (Output Temp. Coef.)	Within ±0.1%/°C					
残留出力温度特性 (Residual output Temp. Coef.)	Within ±6mV/°C					
制御電源 (Control power supply)	±15V±5%					
消費電流 (Consumption current)	Within 30mA					
使用温度範囲 (Operating Temp.)	-10°C~+80°C					
保存温度範囲 (Storage Temp.)	-15°C~+85°C					
耐電圧 (Dielectric withstand voltage)	2500V AC 50/60Hz 1minute					
絶縁抵抗 (Insulation resistance)	Not less than 500MΩ 500V DC					