

HC-PDG series

*制御電源 ±15V仕様

形名 (Type)	HC-PDG05V4B15	HC-PDG10V4B15	HC-PDG15V4B15	HC-PDG20V4B15	HC-PDG25V4B15
定格電流 [If] (Rated current)	±5A	±10A	±15A	±20A	±25A
連続通電DC電流 (Continuously flowing DC current)	±8.8A	±13.8A	±23.3A	±23.3A	±23.3A
飽和電流 [Is] (Saturation current)	±15A	±25A	±37.5A	±50A	±75A
直線性範囲 (Linearity limits)	0~±13.5A	0~±22.5A	0~±33.75A	0~±45A	0~±67.5A
1次巻線線径 (Size of primary winding)	φ0.8	φ1.0	φ1.3	φ1.3	φ1.3
ターン数 (Turns)	10	6	4	3	2
定格出力 [Vh] (Rated output)	±4V±1.5% (RL=10kΩ)				
残留出力 [V0] (Residual output)	Within ±50mV				
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 60mV				
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 ±2mV/°C				
制御電源 (Control power supply)	±15V±5%				
消費電流 (Consumption current)	Within 20mA				
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				

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形名 (Type)	HC-PDG30V4B15	HC-PDG35V4B15	HC-PDG40V4B15	HC-PDG45V4B15	HC-PDG50V4B15
定格電流 [If] (Rated current)	±30A	±35A	±40A	±45A	±50A
連続通電DC電流 (Continuously flowing DC current)	±23.3A	±23.3A	±35.4A	±35.4A	±35.4A
飽和電流 [Is] (Saturation current)	±75A	±75A	±120A	±135A	±150A
直線性範囲 (Linearity limits)	0~±67.5A	0~±67.5A	0~±120A	0~±135A	0~±135A
1次巻線線径 (Size of primary winding)	φ1.3	φ1.3	φ1.6	φ1.6	φ1.6
ターン数 (Turns)	2	2	1	1	1
定格出力 [Vh] (Rated output)	±4V±1.5% (RL=10kΩ)				
残留出力 [V0] (Residual output)	Within ±50mV				
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 60mV				
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 ±2mV/°C				
制御電源 (Control power supply)	±15V±5%				
消費電流 (Consumption current)	Within 20mA				
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				