HC-PDN series

*Control power supply specification: ±15V

Type	HC-PDN05V4B15	HC-PDN10V4B15	HC-PDN20V4B15	HC-PDN30V4B15	HC-PDN40V4B15	HC-PDN50V4B15
Rated current [If]	±5A	±10A	±20A	±30A	±40A	±50A
Continuosly flowing DC current	±8.8A	±23.3A	±23.3A	±35.4A	±35.4A	±35.4A
Saturation current [Is]	±15A	±30A	±45A	±90A	±90.0A	±90A
Linearity limits	0～±12.5A	0～±25A	0～±37.5A	0～±75A	0～±75A	0～±75A
Size of primary winding	φ0.8	φ1.3	φ1.3	φ1.6	φ1.6	φ1.6
Turns	6	3	2	1	1	1
Rated output [Vh]	±4V±2% (RL=10kΩ)					
Residual output [V0]	Within ±100mV					
Output linearity	Within ±1%					
Response time	Within 10μs (at di/dt=If/μs)					
Response performance	Within 10%					
Hysteresis Voltage range	Within 100mV					
Output Temp. Coef.	Within ±0.1%/℃					
Residual output Temp. Coef.	Within ±6mV/℃					
Control power supply	±15V±5%					
Consumption current	Within 30mA					
Operating Temp.	-10℃～+80℃					
Strage Temp.	-15℃～+85℃					
Dielectric withstand voltage	2500V AC 50/60Hz 1minute					
Insulation resistance	Not less than 500MΩ 500V DC					