

*制御電源 ±12V仕様

<電圧出力タイプ>

| 形 名 (Type) | | HS-PKD050V4B12 | HS-PKD100V4B12S | HS-PKD150V4B12S |
|---|-----|--|-----------------|---------------------------|
| 定格電流 [If] (Rated current) | | ±50A | ±100A | ±150A |
| 連続通電DC電流 (Continuously flowing DC current) | | ±50A | ±72A | ±108A |
| 飽和電流 [Is] (Saturation current) | | ±125A | ±210A | ±270A |
| 直線性範囲 (Linearity limits) | | 0~±100A | 0~±200A | 0~±250A |
| 定格出力 [Vh] (Rated output) | +If | V0+4V±1% (RL=10kΩ) | | |
| | -If | V0-4V±1% (RL=10kΩ) | | |
| 残留出力 [V0] (Residual output) | | Within ±20mV | | |
| 直線性 (Output linearity) | | Within ±0.5% | | |
| 二次巻線抵抗 (Second coil resistance) | | Approx. 47Ω | | Approx. 63Ω |
| 応答速度 (Response time) | | Within 1 μs (The smaller one on either at di/dt = 100A/μs or If/μs.) | | |
| 過渡特性 (Response performance) | | Within 10% | | |
| ヒステリシス巾 (Hysteresis Voltage range) | | Within 20mV | | |
| 出力温度特性 (Output Temp. Coef.) | | Within ±0.01%/°C | | |
| 残留出力温度特性 (Residual output Temp. Coef.) | | Within ±0.8mV/°C | | |
| 制御電源 (Control power supply) | | ±12V±5% | | |
| 消費電流 (Consumption current) | | 20mA+(Input current/2500) | | 20mA+(Input current/3200) |
| 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 | | |

*制御電源 ±12V仕様

<電流出カタイプ>

| 形 名 (Type) | | HS-PKD050A0025B12 | HS-PKD100A005B12 | HS-PKD150A005B12 |
|--|-----|--|-----------------------|---------------------------|
| 定 格 電 流 [If] (Rated current) | | ±50A | ±100A | ±150A |
| 連 続 通 電 D C 電 流 (Continuously flowing DC current) | | ±50A | ±72A | ±72A |
| 飽 和 電 流 [Is] (Saturation current) | | ±100A | ±100A | ±150A |
| 直 線 性 範 囲 (Linearity limits) | | 0~±100A (RL=90Ω~130Ω) | 0~±100A (RL=90Ω~130Ω) | 0~±150A (RL=60Ω~100Ω) |
| 定 格 出 力 [Ih] (Rated output) | +If | I0+25mA±1% | I0+50mA±1% | I0+50mA±1% |
| | -If | I0-25mA±1% | I0-50mA±1% | I0-50mA±1% |
| 残 留 出 力 [I0] (Residual output) | | Within ±0.2mA | | |
| 直 線 性 (Output linearity) | | Within ±0.5% | | |
| 二 次 巻 線 抵 抗 (Second coil resistance) | | Approx. 38Ω | | Approx. 58Ω |
| 応 答 速 度 (Response time) | | Within 1 μs (The smaller one on either at di/dt = 100A/μs or If/μs.) | | |
| 過 渡 特 性 (Response performance) | | Within 10% | | |
| ヒ ス テ リ シ ス 巾 (Hysteresis Voltage range) | | Within 0.2mA | | |
| 出 力 温 度 特 性 (Output Temp. Coef.) | | Within ±0.01%/°C | | |
| 残 留 出 力 温 度 特 性 (Residual output Temp. Coef.) | | Within ±0.01mA/°C | | |
| 制 御 電 源 (Control power supply) | | ±12V±5% | | |
| 消 費 電 流 (Consumption current) | | 20mA+(Input current/2000) | | 20mA+(Input current/3000) |
| 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 | | |