HS-PTA series

*Control power supply specification: ±12V

＜Current output type＞

Type		HS-PTA050A00125B12	HS-PTA100A0025B12
Rated current [If]		±50A	±100A
Continuosly flowing DC current		±50A	±100A
Saturation current [Is]		±150A	±185A
Linearity limits		0～±150A (RL=5Ω～50Ω)	0～±185A (RL=5～15Ω)
Rated output [Ih]	+If	I0+12.5mA±1%	I0+25mA±1%
	−If	I0−12.5mA±1%	I0−25mA±1%
Residual output [I0]		Within ±0.2mA	
Output linearity		Within ±0.3%	
Second coil resistance		Approx. 120Ω	
Response time		Within 1μs (The smaller one on either at di/dt = 100A/μs or If/μs.)	
Response performance		Within 10%	
Hysteresis Voltage range		Within 0.2mA	
Output Temp. Coef.		Within ±0.02%/℃	
Residual output Temp. Coef.		Within ±0.01mA/℃	
Control power supply		±12V±5%	
Consumption current		60mA+(Input current/4000)	
Operating Temp.		-15℃～+80℃	
Strage Temp.		-25℃～+85℃	
Dielectric withstand voltage		2500V AC 50/60Hz 1minute	
Insulation resistance		Not less than 500MΩ 500V DC	