

\*Control power supply specification:  $\pm 12\text{V}$

<Current output type>

Type		HS-PTA050A00125B12	HS-PTA100A0025B12
Rated current [If]		$\pm 50\text{A}$	$\pm 100\text{A}$
Continuously flowing DC current		$\pm 50\text{A}$	$\pm 100\text{A}$
Saturation current [Is]		$\pm 150\text{A}$	$\pm 185\text{A}$
Linearity limits		$0 \sim \pm 150\text{A}$ ( $R_L=5\ \Omega \sim 50\ \Omega$ )	$0 \sim \pm 185\text{A}$ ( $R_L=5 \sim 15\ \Omega$ )
Rated output [Ih]	+If	$I_0+12.5\text{mA} \pm 1\%$	$I_0+25\text{mA} \pm 1\%$
	-If	$I_0-12.5\text{mA} \pm 1\%$	$I_0-25\text{mA} \pm 1\%$
Residual output [I0]		Within $\pm 0.2\text{mA}$	
Output linearity		Within $\pm 0.3\%$	
Second coil resistance		Approx. $120\ \Omega$	
Response time		Within $1\ \mu\text{s}$ (The smaller one on either at $di/dt = 100\text{A}/\mu\text{s}$ or $I_f/\mu\text{s}$ .)	
Response performance		Within $10\%$	
Hysteresis Voltage range		Within $0.2\text{mA}$	
Output Temp. Coef.		Within $\pm 0.02\%/^{\circ}\text{C}$	
Residual output Temp. Coef.		Within $\pm 0.01\text{mA}/^{\circ}\text{C}$	
Control power supply		$\pm 12\text{V} \pm 5\%$	
Consumption current		$60\text{mA}+(\text{Input current}/4000)$	
Operating Temp.		$-15^{\circ}\text{C} \sim +80^{\circ}\text{C}$	
Storage Temp.		$-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$	
Dielectric withstand voltage		$2500\text{V AC } 50/60\text{Hz } 1\text{minute}$	
Insulation resistance		Not less than $500\text{M}\ \Omega$ $500\text{V DC}$	