

HC-TF series

*制御電源 ±12V仕様

形名 (Type)	HC-TF050V4B12	HC-TF100V4B12	HC-TF200V4B12	HC-TF300V4B12	HC-TF400V4B12	HC-TF500V4B12	HC-TF600V4B12H	
定格電流 [If] (Rated current)	±50A	±100A	±200A	±300A	±400A	±500A	±600A	
飽和電流 [Is] (Saturation current)	±112.5A	±225A	±450A	±675A	±900A	±1000A	±1350A	
直線性範囲 (Linearity limits)	0~±112.5A	0~±225A	0~±450A	0~±675A	0~±800A	0~±800A	0~±1350A	
定格出力 [Vh] (Rated output)	+If	V0+4V±1% (RL=10kΩ)					V0+4V±2% (RL=10kΩ)	
	-If	V0-4V±1% (RL=10kΩ)					V0-4V±2% (RL=10kΩ)	
残留出力 [V0] (Residual output)	Within ±70mV	Within ±50mV						
直線性 (Output linearity)	Within ±1%							
応答速度 (Response time)	Within 10μs (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 30mV							
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 ±3mV/°C	Within ±1.5mV/°C	Within ±1mV/°C					
制御電源 (Control power supply)	±12V±5%							
消費電流 (Consumption current)	Within 30mA							
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-TF700V4B12H	HC-TF800V4B12H	HC-TF900V4B12H	HC-TFE10V4B12H	HC-TFE12V4B12H	HC-TFE14V4B12H	HC-TFE16V4B12H
定格電流 [If] (Rated current)	±700A	±800A	±900A	±1000A	±1200A	±1400A	±1600A
飽和電流 [Is] (Saturation current)	±1575A	±1800A	±2025A	±2250A	±2700A	±2700A	±2700A
直線性範囲 (Linearity limits)	0~±1575A	0~±1800A	0~±2025A	0~±2200A	0~±2200A	0~±2200A	0~±2200A
定格出力 [Vh] (Rated output)	+If	V0+4V±2% (RL=10kΩ)					
	-If	V0-4V±2% (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 10 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 30mV						
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 ±1mV/°C						
制御電源 (Control power supply)	±12V±5%						
消費電流 (Consumption current)	Within 30mA						
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						