

HC-MSN series

*制御電源 ±12V仕様

形名 (Type)	HC-MSN300V4B12	HC-MSN400V4B12	HC-MSN500V4B12	HC-MSN600V4B12	HC-MSN800V4B12	HC-MSNE10V4B12
定格電流 [If] (Rated current)	±300A	±400A	±500A	±600A	±800A	±1000A
飽和電流 [Is] (Saturation current)	±675A	±900A	±1125A	±1200A	±1800A	±2250A
直線性範囲 (Linearity limits)	0~±675A	0~±900A	0~±1000A	0~±1000A	0~±1800A	0~±1900A
定格出力 [Vh] (Rated output)	±4V±1%					
残留出力 [V0] (Residual output)	Within ±30mV					
直線性 (Output linearity)	Within ±1%					
応答速度 (Response time)	Within 10 μs (at di/dt=100A/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				Within 50mA	
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-MSNE12V4B12	HC-MSNE15V4B12	HC-MSNE18V4B12	HC-MSNE20V4B12T	HC-MSNE25V4B12	HC-MSNE30V4B12
定格電流 [If] (Rated current)	±1200A	±1500A	±1800A	±2000A	±2500A	±3000A
飽和電流 [Is] (Saturation current)	±2400A	±2400A	±2400A	±4500A	±5000A	±5000A
直線性範囲 (Linearity limits)	0~±1900A	0~±1900A	0~±1900A	0~±4500A	0~±4500A	0~±4500A
定格出力 [Vh] (Rated output)	±4V±1%			±4V±2%		
残留出力 [V0] (Residual output)	Within ±30mV					
直線性 (Output linearity)	Within ±1%					
応答速度 (Response time)	Within 10 μs (at di/dt=100A/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 50mA					
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					