

HC-MSN series

*Control power supply specification: $\pm 12V$

Type	HC-MSN300V4B12	HC-MSN400V4B12	HC-MSN500V4B12	HC-MSN600V4B12	HC-MSN800V4B12	HC-MSNE10V4B12
Rated current [If]	$\pm 300A$	$\pm 400A$	$\pm 500A$	$\pm 600A$	$\pm 800A$	$\pm 1000A$
Saturation current [Is]	$\pm 675A$	$\pm 900A$	$\pm 1125A$	$\pm 1200A$	$\pm 1800A$	$\pm 2250A$
Linearity limits	$0 \sim \pm 675A$	$0 \sim \pm 900A$	$0 \sim \pm 1000A$	$0 \sim \pm 1000A$	$0 \sim \pm 1800A$	$0 \sim \pm 1900A$
Rated output [Vh]	$\pm 4V \pm 1\%$					
Residual output [V0]	Within $\pm 30mV$					
Output linearity	Within $\pm 1\%$					
Response time	Within $10 \mu s$ (at $di/dt=100A/\mu s$)					
Response performance	Within 10%					
Hysteresis Voltage range	Within 30mV					
Output Temp. Coef.	Within $\pm 0.1\%/^{\circ}C$					
Residual output Temp. Coef.	Within $\pm 1mV/^{\circ}C$					
Control power supply	$\pm 12V \pm 5\%$					
Consumption current	Within 30mA				Within 50mA	
Operating Temp.	$-10^{\circ}C \sim +80^{\circ}C$					
Storage Temp.	$-15^{\circ}C \sim +85^{\circ}C$					
Dielectric withstand voltage	2500V AC 50/60Hz 1minute					
Insulation resistance	Not less than $500M\Omega$ 500V DC					

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Type	HC-MSNE12V4B12	HC-MSNE15V4B12	HC-MSNE18V4B12	HC-MSNE20V4B12T	HC-MSNE25V4B12	HC-MSNE30V4B12
Rated current [If]	$\pm 1200A$	$\pm 1500A$	$\pm 1800A$	$\pm 2000A$	$\pm 2500A$	$\pm 3000A$
Saturation current [Is]	$\pm 2400A$	$\pm 2400A$	$\pm 2400A$	$\pm 4500A$	$\pm 5000A$	$\pm 5000A$
Linearity limits	$0 \sim \pm 1900A$	$0 \sim \pm 1900A$	$0 \sim \pm 1900A$	$0 \sim \pm 4500A$	$0 \sim \pm 4500A$	$0 \sim \pm 4500A$
Rated output [Vh]	$\pm 4V \pm 1\%$			$\pm 4V \pm 2\%$		
Residual output [V0]	Within $\pm 30mV$					
Output linearity	Within $\pm 1\%$					
Response time	Within $10 \mu s$ (at $di/dt=100A/\mu s$)					
Response performance	Within 10%					
Hysteresis Voltage range	Within 30mV					
Output Temp. Coef.	Within $\pm 0.1\%/^{\circ}C$					
Residual output Temp. Coef.	Within $\pm 1mV/^{\circ}C$					
Control power supply	$\pm 12V \pm 5\%$					
Consumption current	Within 50mA					
Operating Temp.	$-10^{\circ}C \sim +80^{\circ}C$					
Storage Temp.	$-15^{\circ}C \sim +85^{\circ}C$					
Dielectric withstand voltage	2500V AC 50/60Hz 1minute					
Insulation resistance	Not less than $500M\Omega$ 500V DC					