

## HC-MN series

\*Control power supply specification:  $\pm 15V$

Type	HC-MN300V4B15	HC-MN400V4B15	HC-MN500V4B15	HC-MN600V4B15	HC-MN800V4B15	HC-MNE10V4B15
Rated current [If]	$\pm 300A$	$\pm 400A$	$\pm 500A$	$\pm 600A$	$\pm 800A$	$\pm 1000A$
Saturation current [Is]	$\pm 900A$	$\pm 1200A$	$\pm 1200A$	$\pm 1200A$	$\pm 2400A$	$\pm 2400A$
Linearity limits	$0 \sim \pm 900A$	$0 \sim \pm 1000A$	$0 \sim \pm 1000A$	$0 \sim \pm 1000A$	$0 \sim \pm 1900A$	$0 \sim \pm 1900A$
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	$\pm 15V \pm 5\%$					
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					

\*Control power supply specification:  $\pm 15V$

Type	HC-MNE12V4B15	HC-MNE15V4B15	HC-MNE18V4B15	HC-MNE20V4B15T	HC-MNE25V4B15	HC-MNE30V4B15
Rated current [If]	$\pm 1200A$	$\pm 1500A$	$\pm 1800A$	$\pm 2000A$	$\pm 2500A$	$\pm 3000A$
Saturation current [Is]	$\pm 2400A$	$\pm 2400A$	$\pm 2400A$	$\pm 5000A$	$\pm 5000A$	$\pm 5000A$
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	$\pm 15V \pm 5\%$					
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					