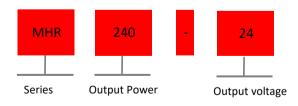




▲ Features

180-550VAC ultra wide input for 1-phase or 2-phase
Protections: Short circuit/Over load/Over voltage/Over temp.
Efficiency up to 91%, low power consumption
Built-in active PFC
DC OK relay contact
Mounting on DIN rail TS-35/7.5 or 15
Cooling by free air convection
100% full load burn-in test
3 years warranty

▲ Model encoding

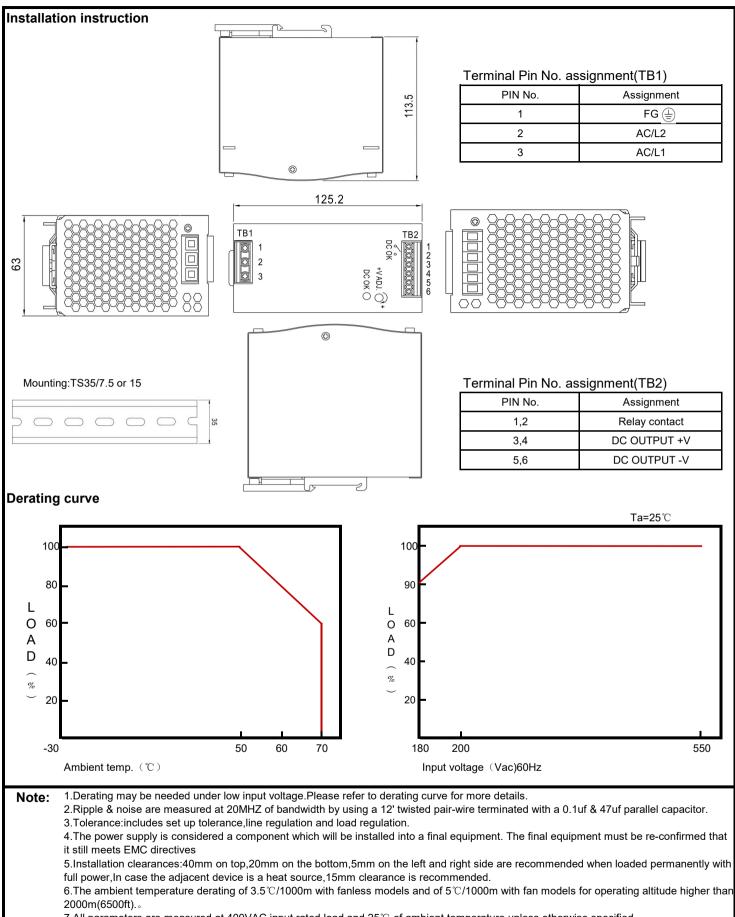


Milboo

Specification

180-550VAC or 254-780VDC				
1A/400VAC 2A/230VAC				
47-63Hz				
PF ≥ 0.84/400VAC PF ≥ 0.84/230VAC)			
<3.5mA/530VAC				
Cold start: 50A				
•				
24V			48V	
24-28V		48-55V		
10A		5A		
0-10A		0-5A		
240W		240W		
150mVp	D		150mVp-p	
		±1.0%		
			±0.5%	
			±1.0%	
		91%		
	ms/230\/AC(@Full load)		5170 	
	loau)			
Gleen LED				
105% 120% of rotad power				
· ·	O/D welter a offer 2 and Dans	en in 4 min efter		
-	<u> </u>	er in 1 min aller		
			56-65V	
8				
-		-		
Relay contact capacity: 60Vdc/0.3A	, 30Vdc/1A,30Vac/0.5A resis	stive load		
I				
		.5KVAC		
Design refer to EN IEC 62368-1、GE	34943.1			
Parameter	Standard		Test Level	
Conducted	EN 55032		Class B	
Radiated	EN 55032		Class B	
Voltage Flicker	EN 61000-3-3		Design refer to Class A	
Harmonic Current	EN IEC 61000-3-2		Class A	
Harmonic Current Parameter	EN IEC 61000-3-2 standard		Class A Test Level	
Parameter	standard		Test Level	
Parameter ESD	standard EN 61000-4-2		Test Level Level 3 8KV air;Level 2 4KV contact;	
Parameter ESD Radiated Susceptibility	standard EN 61000-4-2 EN 61000-4-3		Test Level Level 3 8KV air;Level 2 4KV contact; Level 3 10V/m;	
Parameter ESD Radiated Susceptibility EFT/Burest	standard EN 61000-4-2 EN 61000-4-3 EN 61000-4-4		Test Level Level 3 8KV air;Level 2 4KV contact; Level 3 10V/m; Level 3 2KV/5KHZ;	
Parameter ESD Radiated Susceptibility EFT/Burest Surge	standard EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5		Test LevelLevel 38KV air;Level 24KV contact;Level 310V/m;Level 32KV/5KHZ;Level 32KV/L-N;Level34kV/L-N-FG;	
Parameter ESD Radiated Susceptibility EFT/Burest Surge Conducted	standard EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6		Test LevelLevel 38KV air;Level 24KV contact;Level 310V/m;Level 32KV/5KHZ;Level 32KV/L-N;Level34kV/L-N-FG;Level 310V;	
Parameter ESD Radiated Susceptibility EFT/Burest Surge Conducted Magnetic Field	standard EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8		Test Level Level 3 8KV air;Level 2 4KV contact; Level 3 10V/m; Level 3 2KV/5KHZ; Level 3 2KV/L-N;Level3 4kV/L-N-FG; Level 3 10V; Level 4 30A/m; <5% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles ,<5% residual voltage for 25 cycles ,	
Parameter ESD Radiated Susceptibility EFT/Burest Surge Conducted Magnetic Field Voltage Dips and interruptions	standard EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8 EN 61000-4-11		Test Level Level 3 8KV air;Level 2 4KV contact; Level 3 10V/m; Level 3 2KV/5KHZ; Level 3 2KV/L-N;Level3 4kV/L-N-FG; Level 3 10V; Level 4 30A/m; <5% residual voltage for 0.5 cycles ,70% residual voltage for 25	
Parameter ESD Radiated Susceptibility EFT/Burest Surge Conducted Magnetic Field Voltage Dips and interruptions	standard EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8 EN 61000-4-11		Test Level Level 3 8KV air;Level 2 4KV contact; Level 3 10V/m; Level 3 2KV/5KHZ; Level 3 2KV/L-N;Level3 4kV/L-N-FG; Level 3 10V; Level 4 30A/m; <5% residual voltage for 0.5 cycles ,70% residual voltage for 25	
Parameter ESD Radiated Susceptibility EFT/Burest Surge Conducted Magnetic Field Voltage Dips and interruptions	standard EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8 EN 61000-4-11		Test Level Level 3 8KV air;Level 2 4KV contact; Level 3 10V/m; Level 3 2KV/5KHZ; Level 3 2KV/L-N;Level3 4kV/L-N-FG; Level 3 10V; Level 4 30A/m; <5% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles ,<5% residual voltage for 25 cycles ,	
	1A/400VAC 2A/230VAC47-63HzPF ≥ 0.84/400VAC PF ≥ 0.84/230VAC<3.5mA/530VAC	1A/400VAC2A/230VAC47-63HzPF \geq 0.84/400VAC PF \geq 0.84/230VAC<3.5mA/530VAC	1A/400VAC 2A/230VAC 47-63Hz PF≥0.84/400VAC PF≥0.84/230VAC <3.5mA/530VAC	

Others					
MTBF	≥141.1K hrs MIL-HDBK-217F(25℃)	≥141.1K hrs MIL-HDBK-217F(25℃)			
Weight	~1.06kg				
Dimension	63*125.2*113.5mm				
Ordering	Description	Model			
	MHR 240W 10A/24V	MHR240-24			
	MHR 240W 5A/48V	MHR240-48			



7.All parameters are measured at 400VAC input, rated load and 25 °C of ambient temperature unless otherwise specified.