























Features

- 2.06"x1.07"compact size
- Universal input 85~305Vac
- No load power consumption<0.1W
- · EMI Class B without additional components
- Wide operating temp. range -30~85°C
- · Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Isolation Class II
- Over voltage category III (OVC III)
- · Pass LPS
- 3 years warranty

Applications

- Industrial electrical equipment
- Mechanical equipment
- Factory automation equipment
- · Hand-held electronic device

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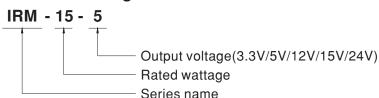
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Description

IRM-15 is a 15W miniature (52.4*27.2*24mm) AC-DC module-type power supply, ready to be soldered onto the PCB boards of various kinds of electronic instruments or industrial automation equipments. This product allows the universal input voltage range of 85~305Vac. The 94V-0 flame retardant plastic case and potted with silicone enhance the heat dissipation and meet the anti-vibration demand up to 5G; moreover, it provides the fundamental resistance to dust and moisture.

With the high efficiency up to 83% and the extremely low no-load power consumption below 0.1W, IRM-15 series fulfills the worldwide regulation for the low power consumption requirement for electronics. The entire series is a Class II design (no FG pin), incorporating the built-in EMI filtering components, enabling the compliance with BS EN/EN55032 Class B; the supreme EMC features keep the end electronic units from electromagnetic interference.

Model Encoding



SPECIFICATION

		IRM-15-3.3	IRM-15-5	IRM-15-12	IRM-15-15	IRM-15-24	
	DC VOLTAGE	3.3V	5V	12V	15V	24V	
	RATED CURRENT	3.5A	3A	1.25A	1A	0.63A	
	CURRENT RANGE	0 ~ 3.5A	0~3A	0 ~ 1.25A	0 ~ 1A	0 ~ 0.63A	
	RATED POWER	11.55W	15W	15W	15W	15.12W	
	RIPPLE & NOISE (max.) Note.2	200mVp-p	200mVp-p	200mVp-p	200mVp-p	200mVp-p	
OUTPUT	VOLTAGE TOLERANCE Note.3		±2.5%	±2.5%	±2.5%	±2.5%	
Ī	LINE REGULATION	±0.5%	±0.5%	±0.3%	±0.3%	±0.3%	
	LOAD REGULATION	±1%	±1%	±0.5%	±0.5%	±0.5%	
	SETUP, RISE TIME	1000ms, 20ms/230Vac 1000ms, 20ms/115Vac at full load					
	HOLD UP TIME (Typ.)	40ms/230Vac 10ms/115Vac at full load					
INPUT	VOLTAGE RANGE	85 ~ 305Vac 120 ~ 430Vdc					
	FREQUENCY RANGE	47 ~ 440Hz					
	EFFICIENCY (Typ.)	74%	78%	82%	82%	83%	
	AC CURRENT (Typ.)				0270	03%	
	INRUSH CURRENT (Typ.)	0.35A/115Vac 0.2A/230Vac 0.17A/277Vac					
	() . /	COLD START 20A/115Vac 40A/230Vac					
PROTECTION	OVERLOAD	<0.25mA/277Vac					
		115%~190% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed					
		7.					
	OVER VOLTAGE	3.8 ~ 4.95V	5.75 ~ 6.75V	13.8 ~ 16.2V	17.25 ~ 20.25V	27.6 ~ 32.4V	
		• • • • • • • • • • • • • • • • • • • •	o/p voltage, clamping by z	ener diode			
	WORKING TEMP.	-30 ~ +85°C (Refer to "Derating Curve")					
	WORKING HUMIDITY	20 ~ 90% RH non-condensing					
ENVIRONMENT	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH					
	TEMP. COEFFICIENT	±0.03%/°C (0~50°C)					
	VIBRATION	10 ~ 500Hz, 5G 10min./1cycle, period for 60min. each along X, Y, Z axes					
	SOLDERING TEMPERATURE						
			$0.0 \odot 0.00 (\text{IIIax.})$, iviaii	uai soidering: 390	C,3s (max.)		
	OPERATING ALTITUDE Note.4		55 €,55 (max.), wan	uai soidering: 390	C,3s (max.)		
		2000 meters IEC62368-1,IEC61558	3-1/-2-16,UL62368-1,TU	<u> </u>		-2-16,EAC TP TC 004,	
	SAFETY STANDARDS	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app	3-1/-2-16,UL62368-1,TU proved	V BS EN/EN62368-1,7	UV BS EN/EN61558-1/		
	SAFETY STANDARDS OVER VOLTAGE CATEGORY	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-	3-1/-2-16,UL62368-1,TU proved	V BS EN/EN62368-1,7	UV BS EN/EN61558-1/		
	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-1/P-0/P:4.2KVac	s-1/-2-16,UL62368-1,TU proved 16(OVC Ⅲ, altitude up	V BS EN/EN62368-1,7	UV BS EN/EN61558-1/		
	SAFETY STANDARDS OVER VOLTAGE CATEGORY	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-	9-1/-2-16,UL62368-1,TU proved 16(OVC III, altitude up 0Vdc/25°C/70% RH	V BS EN/EN62368-1,7	TUV BS EN/EN61558-1/ //UL 62368-1(OVC II		
	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 applieC/EN 61558-1/-2-1/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter	16(OVC III, altitude up 0Vdc / 25°C / 70% RH	V BS EN/EN62368-1,7 to 2000m); IEC/EN	TUV BS EN/EN61558-1/ /UL 62368-1(OVC II Test Level / Note		
	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-1 I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted	9-1/-2-16,UL62368-1,TU proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH Standard BS EN/EN5503	V BS EN/EN62368-1,7 to 2000m); IEC/EN	TUV BS EN/EN61558-1/ /UL 62368-1(OVC II Test Level / Note Class B		
AFFTY 0	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-1 I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated	9-1/-2-16,UL62368-1,TU proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH Standard BS EN/EN5503 BS EN/EN5503	v BS EN/EN62368-1,7 to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936	Test Level / Note Class B Class B		
	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-1 I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5	9-1/-2-16,UL62368-1,TU proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH Standard BS EN/EN5503 BS EN/EN5503 5) BS EN/EN6100	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2	TUV BS EN/EN61558-1/ //UL 62368-1(OVC II Test Level / Note Class B Class B Class A		
MC	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2- I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5) Voltage Flicker	3-1/-2-16,UL62368-1,TU proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH Standard BS EN/EN5503 BS EN/EN56100 BS EN/EN6100	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2	Test Level / Note Class B Class B		
MC	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-1 I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5	3-1/-2-16,UL62368-1,TU proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH Standard BS EN/EN5503 BS EN/EN56100 BS EN/EN6100	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2	TUV BS EN/EN61558-1/ //UL 62368-1(OVC II Test Level / Note Class B Class B Class A		
MC	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-7 I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5 Voltage Flicker BS EN/EN55035, BS EN/E	0-1/-2-16,UL62368-1,TU proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH Standard BS EN/EN5503 BS EN/EN5503 BS EN/EN6100 BS EN/EN6100	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3	Test Level / Note Class B Class A	, altitude up to 2000r	
MC	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-2 I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5 Voltage Flicker BS EN/EN55035, BS EN/E Parameter	8-1/-2-16,UL62368-1,TU proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH Standard BS EN/EN5503 BS EN/EN5503 BS EN/EN6100 BS EN/EN6100 EN61000-6-2 Standard	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3	Test Level / Note Class B Class B Class A Test Level / Note	, altitude up to 2000r	
MC	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-4 I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5) Voltage Flicker BS EN/EN55035, BS EN/E Parameter ESD	9-1/-2-16,UL62368-1,TU proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH Standard BS EN/EN5503 BS EN/EN5503 BS EN/EN6100 BS EN/EN6100 EN61000-6-2 Standard BS EN/EN6100	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3	Test Level / Note Class B Class B Class A Test Level / Note Level 3, 8KV air; Level 2,	, altitude up to 2000r	
MC	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2- I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5 Voltage Flicker BS EN/EN55035, BS EN/E Parameter ESD Radiated Susceptibility	8-1/-2-16,UL62368-1,TU' proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH	V BS EN/EN62368-1,7 D to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3	Test Level / Note Class B Class B Class A Test Level / Note Level 3, 8KV air; Level 2, Level 3, criteria A	, altitude up to 2000r	
MC	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-2 I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5 Voltage Flicker BS EN/EN55035, BS EN/E Parameter ESD Radiated Susceptibility EFT/Burest	8-1/-2-16,UL62368-1,TU proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH Standard BS EN/EN5503 BS EN/EN6100 BS EN/EN6100 EN61000-6-2 Standard BS EN/EN6100 BS EN/EN6100 BS EN/EN6100 BS EN/EN6100 BS EN/EN6100	V BS EN/EN62368-1,7 to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5	Test Level / Note Class B Class A Test Level / Note Level 3, 8KV air; Level 2, Level 3, criteria A Level 3, criteria A	, altitude up to 2000r	
MC	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-4 I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5 Voltage Flicker BS EN/EN55035, BS EN/E Parameter ESD Radiated Susceptibility EFT/Burest Surge	8-1/-2-16,UL62368-1,TU' proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH Standard BS EN/EN5503 BS EN/EN5503 BS EN/EN6100 BS EN/EN6100 EN61000-6-2 Standard BS EN/EN6100	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6	Test Level / Note Class B Class B Class A Test Level 3, 8KV air; Level 2, Level 3, criteria A Level 4, 2KV/L-N, criteria Level 4, criteria A Level 4, criteria A	, altitude up to 2000r 4KV contact, criteria A	
MC	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-4 I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5) Voltage Flicker BS EN/EN55035, BS EN/E Parameter ESD Radiated Susceptibility EFT/Burest Surge Conducted	8-1/-2-16,UL62368-1,TU' proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-8	Test Level / Note Class B Class B Class A Test Level / Note Level 3, 8KV air; Level 2, Level 3, criteria A Level 4,2KV/L-N, criteria Level 3, criteria A	, altitude up to 2000r 4KV contact, criteria A A	
MC	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2- I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5) Voltage Flicker BS EN/EN55035, BS EN/E Parameter ESD Radiated Susceptibility EFT/Burest Surge Conducted Magnetic Field	8-1/-2-16,UL62368-1,TU' proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-8	Test Level / Note Class B Class B Class A Test Level / Note Level 3, 8KV air; Level 2, Level 3, criteria A Level 4, criteria A Level 4, criteria A Level 4, criteria A >95% dip 0. 5 periods, >95% interruptions 250	, altitude up to 2000r 4KV contact, criteria A A	
EMC Note.5)	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-1 I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5) Voltage Flicker BS EN/EN55035, BS EN/E Parameter ESD Radiated Susceptibility EFT/Burest Surge Conducted Magnetic Field Voltage Dips and interrupt	8-1/-2-16,UL62368-1,TU' proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-8	Test Level / Note Class B Class B Class A Test Level / Note Level 3, 8KV air; Level 2, Level 3, criteria A Level 4, criteria A Level 4, criteria A Level 4, criteria A >95% dip 0. 5 periods, >95% interruptions 250	, altitude up to 2000r 4KV contact, criteria A A 30% dip 25 periods, periods	
SAFETY & EMC Note.5)	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2- I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5 Voltage Flicker BS EN/EN55035, BS EN/E Parameter ESD Radiated Susceptibility EFT/Burest Surge Conducted Magnetic Field Voltage Dips and interrupt 10656.2K hrs min.	8-1/-2-16,UL62368-1,TU' proved 16(OVC III, altitude up 0Vdc / 25°C / 70% RH Standard BS EN/EN5503 BS EN/EN5503 BS EN/EN6100 Telcordia SR-332 (**W*H)	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-8	Test Level / Note Class B Class B Class A Test Level / Note Level 3, 8KV air; Level 2, Level 3, criteria A Level 4, criteria A Level 4, criteria A Level 4, criteria A >95% dip 0. 5 periods, >95% interruptions 250	, altitude up to 2000n 4KV contact, criteria A A 30% dip 25 periods, periods	
EMC Note.5)	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT special	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2- I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5) Voltage Flicker BS EN/EN55035, BS EN/E Parameter ESD Radiated Susceptibility EFT/Burest Surge Conducted Magnetic Field Voltage Dips and interrupt 10656.2K hrs min. 52.4*27.2*24mm (L* 0.05Kg/240pcs/13K, Ity mentioned are measur	16(OVC III, altitude up 16(OVC	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-8 0-4-11 Bellcore); 970.3K I	Test Level / Note Class B Class B Class A Test Level / Note Level 3, 8KV air; Level 2, Level 3, criteria A Level 4, criteria A Level 4, criteria A Level 4, criteria A Level 4, criteria A Nevel 3, criteria A Level 4, criteria A Nevel 5, criteria A Nevel 5, criteria A Nevel 6, criteria A Nevel 7, criteria A Nevel 7, criteria A Nevel 8, criteria A Nevel 95% dip 0. 5 periods, Nevel 95% interruptions 250 Ners min. MIL-HDB	, altitude up to 2000n 4KV contact, criteria A A 30% dip 25 periods, periods K-217F (25°C)	
EMC Note.5)	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2-* I/P-O/P:4.2KVac I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 500 Parameter Conducted Radiated Harmonic Current (Note 5) Voltage Flicker BS EN/EN55035, BS EN/E Parameter ESD Radiated Susceptibility EFT/Burest Surge Conducted Magnetic Field Voltage Dips and interrupt 10656.2K hrs min. 52.4*27.2*24mm (L* 0.05Kg/240pcs/13Kdy mentioned are measured at 20MHz of bandwidth	16/OVC III, altitude up 16/OVC	V BS EN/EN62368-1,7 to to 2000m); IEC/EN 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-8 0-4-11 Bellcore); 970.3K I	Test Level / Note Class B Class B Class A Test Level / Note Level 3, 8KV air; Level 2, Level 3, criteria A Level 4, criteria A Level 4, criteria A Level 4, criteria A Level 4, criteria A Nevel 3, criteria A Level 4, criteria A Nevel 5, criteria A Nevel 5, criteria A Nevel 6, criteria A Nevel 7, criteria A Nevel 7, criteria A Nevel 8, criteria A Nevel 95% dip 0. 5 periods, Nevel 95% interruptions 250 Ners min. MIL-HDB	, altitude up to 2000n 4KV contact, criteria A A 30% dip 25 periods, periods K-217F (25°C)	
EMC Note.5)	SAFETY STANDARDS OVER VOLTAGE CATEGORY WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure	2000 meters IEC62368-1,IEC61558 BSMI CNS15598-1 app IEC/EN 61558-1/-2- I/P-O/P:4.2KVac I/P-O/P:100M Ohms / 50 Parameter Conducted Radiated Harmonic Current (Note 5 Voltage Flicker BS EN/EN55035, BS EN/E Parameter ESD Radiated Susceptibility EFT/Burest Surge Conducted Magnetic Field Voltage Dips and interrupt 10656.2K hrs min. 52.4*27.2*24mm (L* 0.05Kg/240pcs/13Kc) by mentioned are measured at 20MHz of bandwidth tolerance, line regulation erating of 3.5°C/1000m were	BS EN/EN6100	2(CISPR32), CNS15936 2(CISPR32), CNS15936 2(CISPR32), CNS15936 0-3-2 0-3-3 0-4-2 0-4-3 0-4-4 0-4-5 0-4-6 0-4-11 Bellcore); 970.3K I	Test Level / Note Class B Class B Class B Class A Test Level / Note Level 3, 8KV air; Level 2, Level 3, criteria A Level 4, 2KV/L-N, criteria Level 3, criteria A Level 4, 2riteria A Level 4, riteria A Note 1	, altitude up to 2000r 4KV contact, criteria A A 30% dip 25 periods, periods K-217F (25°C)	

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% Product Liability Disclaimer : For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx

15W AC-DC High Reliable PCB-Mount Green Industrial Power Module | IRM - 15 series

