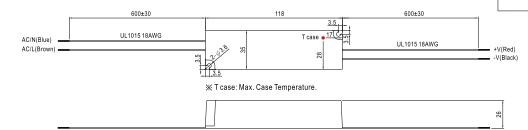
40063: CONVERTER 230V LED 24V 20VA IP67

■ Features :

- Constant voltage design
- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- Protections: Short circuit / Overload / Over voltage
- · Cooling by free air convection
- Fully encapsulated with IP67 level
- Fully isolated plastic case
- Class 2 power unit
- Pass LPS
- Suitable for LED lighting and moving sign applications
- 100% full load burn-in test
- · Low cost, high reliability
- 2 years warranty



CATION LPS IP67 a Thus CE

TIME (Typ.) E RANGE Note.4 NCY RANGE ICY (Typ.) RENT (Typ.) CURRENT(max.) E CURRENT	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	AC 70A/230VAC t power mode, recovers automatically	83%	24V 0.84A 0~0.84A 20.2W 150mVp-p		
T RANGE OWER NOISE (max.) Note.2 TOLERANCE Note.3 GULATION GULATION ISE TIME Note.6 TIME (Typ.) E RANGE Note.4 NCY RANGE ICY (Typ.) RENT (Typ.) CURRENT(max.) E CURRENT	0 ~ 3A 15W 2 80mVp-p 3 ±5.0% ±1.0% ±2.0% 5 500ms, 20ms / 230VAC 50ms/230VAC 16m 90 ~ 264VAC 127 ~ 47 ~ 63Hz 77% 0.55A/115VAC 0.35A/ COLD START 35A/115V 0.25mA / 240VAC 110 ~ 150% rated outpur Protection type: Hiccup	0 ~ 1.67A 20W 120mVp-p 500ms, 20ms / 115VAC at functions/115VAC at full load - 370VDC 81% //230VAC //AC 70A/230VAC t power mode, recovers automatically	0 - 1.33A 20W 120mVp-p	0 ~ 0.84A 20.2W 150mVp-p		
OWER NOISE (max.) Note.2 TOLERANCE Note.3 GULATION GULATION ISE TIME Note.6 TIME (Typ.) E RANGE Note.4 NCY RANGE ICY (Typ.) RENT (Typ.) CURRENT(max.) E CURRENT	15W 2 80mVp-p 3 ±5.0% ±1.0% ±2.0% 5 500ms, 20ms / 230VAC 50ms/230VAC 16m 9 0 ~ 264VAC 127 ~ 47 ~ 63Hz 77% 0.55A/115VAC 0.35A/ COLD START 35A/115V 0.25mA / 240VAC 110 ~ 150% rated outpur Protection type: Hiccup	20W 120mVp-p 500ms, 20ms / 115VAC at funs/115VAC at full load - 370VDC 81% /230VAC /AC 70A/230VAC t power	20W 120mVp-p ull load 83%	20.2W 150mVp-p		
NOISE (max.) Note.2 TOLERANCE Note.3 GULATION GULATION ISE TIME Note.6 TIME (Typ.) E RANGE Note.4 NCY RANGE ICY (Typ.) RENT (Typ.) CURRENT(max.) E CURRENT	2 80mVp-p 3 ±5.0% ±1.0% ±2.0% 5 500ms, 20ms / 230VAC 50ms/230VAC 16m 9 0 ~ 264VAC 127 ~ 47 ~ 63Hz 77% 0.55A/115VAC 0.35A/ COLD START 35A/115V 0.25mA / 240VAC 110 ~ 150% rated outpur Protection type: Hiccup	120mVp-p 500ms, 20ms / 115VAC at functions/115VAC at full load - 370VDC 81% //230VAC //AC 70A/230VAC t power mode, recovers automatically	120mVp-p ull load 83%	150mVp-p		
ETOLERANCE Note.3 GULATION GUL	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	500ms, 20ms / 115VAC at functions/115VAC at full load - 370VDC 81% //230VAC //AC 70A/230VAC t power mode, recovers automatically	ull load			
GULATION GUL	±1.0% ±2.0% 500ms, 20ms / 230VAC 50ms/230VAC 16m 90 ~ 264VAC 127 ~ 47 ~ 63Hz 77% 0.55A/115VAC 0.35A/ COLD START 35A/115V 0.25mA / 240VAC 110 ~ 150% rated outpur Protection type : Hiccup	ns/115VAC at full load - 370VDC 81% /230VAC /AC 70A/230VAC t power mode, recovers automatically	83%	83%		
GULATION USE TIME Note. 6 TIME (Typ.) E RANGE Note. 4 NCY RANGE ICY (Typ.) RENT (Typ.) CURRENT(max.) E CURRENT	±2.0% 500ms, 20ms / 230VAC 50ms/230VAC 16m 90 ~ 264VAC 127 ~ 47 ~ 63Hz 77% 0.55A/115VAC 0.35A/ COLD START 35A/115V 0.25mA / 240VAC 110 ~ 150% rated outpur Protection type: Hiccup	ns/115VAC at full load - 370VDC 81% /230VAC /AC 70A/230VAC t power mode, recovers automatically	83%	83%		
RISE TIME Note. 6 TIME (Typ.) E RANGE Note. 4 NCY RANGE ICY (Typ.) RENT (Typ.) CURRENT(max.) E CURRENT	500ms, 20ms / 230VAC 50ms/230VAC 16m 90 ~ 264VAC 127 ~ 47 ~ 63Hz 77% 0.55A/115VAC 0.35A, COLD START 35A/115V 0.25mA / 240VAC 110 ~ 150% rated outpur Protection type: Hiccup	ns/115VAC at full load - 370VDC 81% /230VAC /AC 70A/230VAC t power mode, recovers automatically	83%	83%		
TIME (Typ.) E RANGE Note.4 NCY RANGE ICY (Typ.) RENT (Typ.) CURRENT(max.) E CURRENT	50ms/230VAC 16m 90 ~ 264VAC 127 ~ 47 ~ 63Hz 77% 0.55A/115VAC 0.35A/ COLD START 35A/115V 0.25mA / 240VAC 110 ~ 150% rated outpur Protection type : Hiccup	ns/115VAC at full load - 370VDC 81% /230VAC /AC 70A/230VAC t power mode, recovers automatically	83%	83%		
E RANGE Note.4 NCY RANGE ICY (Typ.) RENT (Typ.) CURRENT(max.) E CURRENT	90 ~ 264VAC 127 ~ 47 ~ 63Hz 77% 0.55A/115VAC 0.35A. COLD START 35A/115V 0.25mA / 240VAC 110 ~ 150% rated outpur Protection type : Hiccup	81% /230VAC /AC 70A/230VAC t power mode, recovers automatically	1 ****	83%		
NCY RANGE ICY (Typ.) RENT (Typ.) CURRENT(max.) E CURRENT	47 ~ 63Hz 77% 0.55A/115VAC 0.35A. COLD START 35A/115V 0.25mA / 240VAC 110 ~ 150% rated output Protection type: Hiccup	81% //230VAC //AC 70A/230VAC t power mode, recovers automatically	1 ****	83%		
ICY (Typ.) RENT (Typ.) CURRENT(max.) E CURRENT	77% 0.55A/115VAC 0.35A, COLD START 35A/115V 0.25mA / 240VAC 110 ~ 150% rated output Protection type: Hiccup	/230VAC //AC 70A/230VAC t power mode, recovers automatically	1 ****	83%		
RENT (Typ.) CURRENT(max.) E CURRENT	0.55A/115VAC 0.35A/ COLD START 35A/115V 0.25mA / 240VAC 110 ~ 150% rated output Protection type : Hiccup	/230VAC //AC 70A/230VAC t power mode, recovers automatically	1 ****	83%		
CURRENT(max.) E CURRENT AD	COLD START 35A/115V 0.25mA / 240VAC 110 ~ 150% rated outpur Protection type: Hiccup	AC 70A/230VAC t power mode, recovers automatically	v after fault condition is removed			
E CURRENT AD	0.25mA / 240VAC 110 ~ 150% rated output Protection type : Hiccup	t power mode, recovers automatically	v after fault condition is removed			
AD	110 ~ 150% rated output Protection type : Hiccup	mode, recovers automatically	v after fault condition is removed			
	Protection type : Hiccup	mode, recovers automatically	v after fault condition is removed			
			v after fault condition is removed			
	5.75 ~ 6.75V	100 1011	Protection type : Hiccup mode, recovers automatically after fault condition is removed			
ROTECTION OVER VOLTAGE	0.10 0.100	13.8 ~ 16V	17.5 ~ 21V	28 ~ 32V		
LIAGE	Protection type : Shut of	Protection type : Shut off o/p voltage, clamping by zener diode				
G TEMP.	-30 ~ +70°C (Refer to "D	Derating Curve")				
G HUMIDITY	20 ~ 90% RH non-conde	ensing				
E TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% F	RH				
DEFFICIENT	±0.03%/°C (0 ~ 50°C)					
ON	10 ~ 500Hz, 2G 10min./	1cycle, period for 60min. eac	ch along X, Y, Z axes			
STANDARDS	UL879, UL1310, CSA C	C22.2 No. 207-M89,CAN/CS	A C22.2 No. 223-M91, IP67 appro	oved ; design refer to TUV EN60950		
ND VOLTAGE	I/P-O/P:3KVAC					
N RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C/ 70% RH					
SSION	Compliance to EN55022 (CISPR22) Class B, EN61000-3-2 Class A, EN61000-3-3					
UNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A					
	786.5Khrs min. MIL-HDBK-217F (25°C)					
ON	118*35*26mm (L*W*H)					
	0.22Kg; 60pcs/14.2Kg/0	.62CUFT				
	EFFICIENT N STANDARDS ND VOLTAGE N RESISTANCE SSION JUNITY ON	### ##################################	### ### ##############################	### ##################################		

- 5. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.
- 6. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time.
- 7. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.
- 8. The unit might not be suitable for lighting applications in EU countries. Please check with your local authorities for the possible use of the unit.