

INVENTRONICS

LUR-040SxxxST

Rev. A

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-
- 4kV, 6kV
- 116,000 @ T_C=70°C
- Class I
- IP54 UL
- Class 2 & SELV
- 5



LUR-040SxxxST

40W IP54

90-305Vac

							120Vac	220Vac	
700-1050 mA	700-1050 mA	1050 mA	90~305 Vac 127~250 Vdc	34 ~ 54 Vdc	40 W	87.0%	0.99	0.96	LUR-040S105ST
1000-1500mA	1000-1500 mA	1400 mA	90~305 Vac 127~250 Vdc	24 ~ 40 Vdc	40 W	87.5%	0.99	0.96	LUR-040S150ST

- 1 40W
- 2 UL FCC 100-277Vac ; 100-240Vac
- 3 220Vac 100% " "
- 4 Class 2 & SELV

AC	90 Vac	-	305 Vac	
DC	127 Vdc	-	250 Vdc	
	47 Hz	-	63 Hz	

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	-	-	0.75 MIU	UL8750; 277Vac/60Hz
	-	-	0.70 mA	IEC60598-1; 240Vac/60Hz
	-	-	046 A	100% 120Vac
	-	-	0.24 A	100% 220Vac
I ² t	-	-	0.68 A ² s	220Vac 25 10%Ipk-10%Ipk = 370μs
	0.90	-	-	100-277Vac 50-60Hz, 75%
	-	-	20%	
	-	-	10%	120-240Vac 50-60Hz, 75%

	-5%loset	-	5%loset	100%
(loset) LUR-040S105ST LUR-040S150ST	700 mA 1000 mA	- -	1050 mA 1500 mA	

LUR-040S105ST 700 mA - 1050 mA
 LUR-040S150ST 1000 mA - .3 .48001 34.8 ref200.52 371.3 .42 34.8 ref255.66 0255.TJT8 mh53394

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@120Vac								
LUR-040S105ST	Io=700 mA	83.0%	85.0%	-	100%	25°		
	Io=1050 mA	83.0%	85.0%	-				
LUR-040S150ST	Io=1000 mA	83.0%	85.0%	-				
	Io=1500 mA	82.5%	84.5%	-				
@220Vac								
LUR-040S105ST	Io=700 mA	85.0%	87.0%	-	100%	25°		
	Io=1050 mA	85.0%	87.0%	-				
LUR-040S150ST	Io=1000 mA	85.5%	87.5%	-				
	Io=1500 mA	85.0%	87.0%	-				
@277Vac								
LUR-040S105ST	Io=700 mA	85.5%	87.5%	-	100%	25°		
	Io=1050 mA	85.5%	87.5%	-				
LUR-040S150ST	Io=1000 mA	86.0%	88.0%	-				
	Io=1500 mA	85.5%	87.5%	-				
		-	434,000 Hours	-	220Vac	25	80%	(MIL-HDBK-217F)
		-	116,000 Hours	-	120Vac	80%	70	
		-40 °C	-	+85 °C				
		-40 °C	-	+75 °C	5			: 10% RH to 90% RH.
		-40 °C	-	+85 °C				: 5% RH to 95% RH
	(× H)	3.54 x 1.81						
	(× H)	90 x 46						
		-	415 g	-				

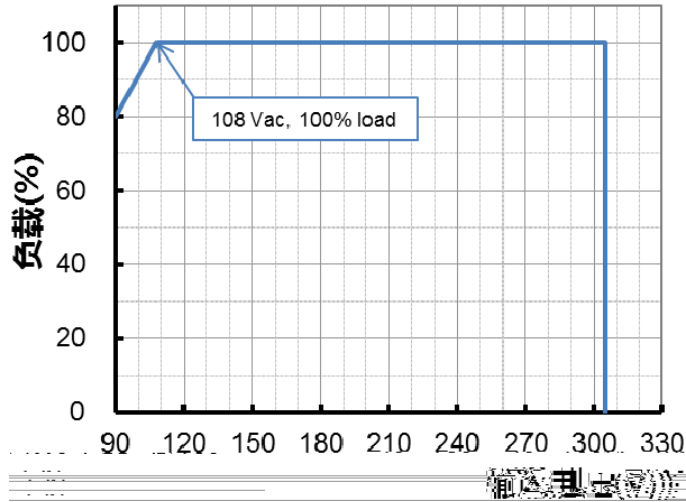
UL/CUL	UL 8750, UL 1310, CAN/CSA-C22.2 No. 250.13, CAN/CSA-C22.2 No. 223-M91
CE	EN 61347-1, EN 61347-2-13
CB	IEC 61347-1, IEC 61347-2-13
CCC	GB 19510.1, GB 19510.14
KS	KS C 7655

μ 0 Å x 0

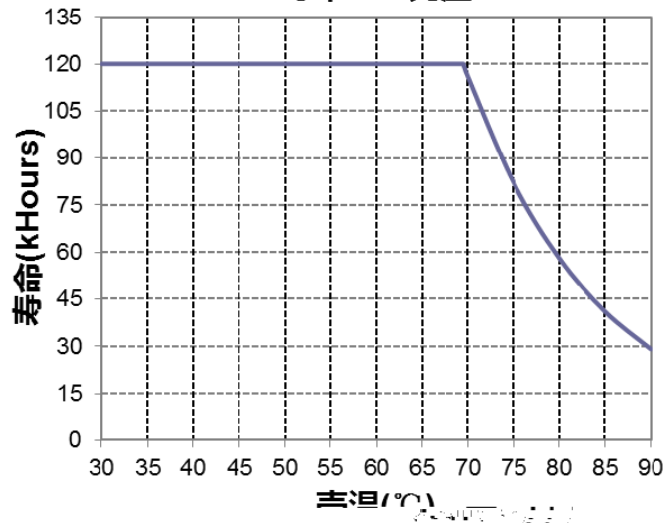
+ 3 / x 0	0 I
EN 55015/GB 17743 ⁽¹⁾	Conducted emission Test & Radiated emission Test
EN 61000-3-2/GB 17625.1	Harmonic current emissions
EN 61000-3-3	Voltage fluctuations & flicker
FCC Part 15 ⁽¹⁾	ANSI C63.4 Class B
	This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: [1] this device may not cause harmful interference, and [2] this device must accept any interference received, including interference that may cause undesired operation.
EMS x 0	0 I
EN 61000-4-2	Electrostatic Discharge (ESD): 8 kV air discharge, 4 kV contact discharge
EN 61000-4-3	Radio-Frequency Electromagnetic Field Susceptibility Test-RS
EN 61000-4-4	Electrical Fast Transient / Burst-EFT
EN 61000-4-5	Surge Immunity Test: AC Power Line: line to line 4 kV, line to earth 6 kV
EN 61000-4-6	Conducted Radio Frequency Disturbances Test-CS
EN 61000-4-8	Power Frequency Magnetic Field Test
EN 61000-4-11	Voltage Dips
EN 61547	Electromagnetic Immunity Requirements Applies To Lighting Equipment

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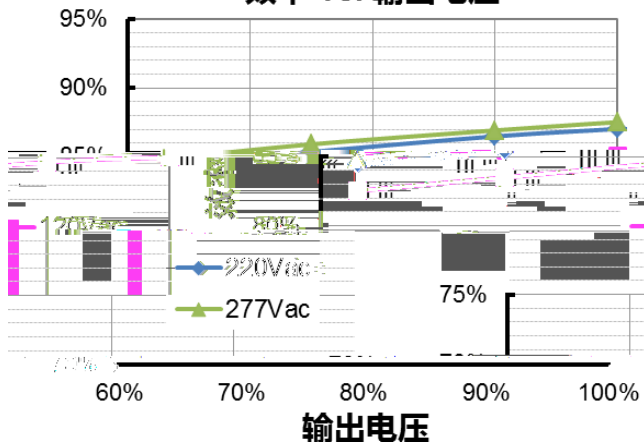
降额曲线



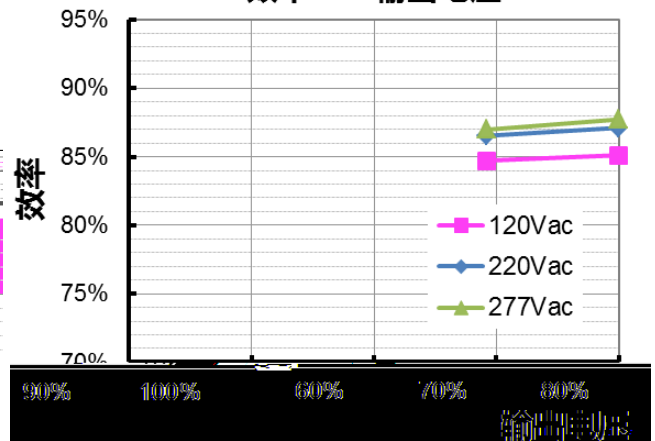
寿命 vs. 壳温



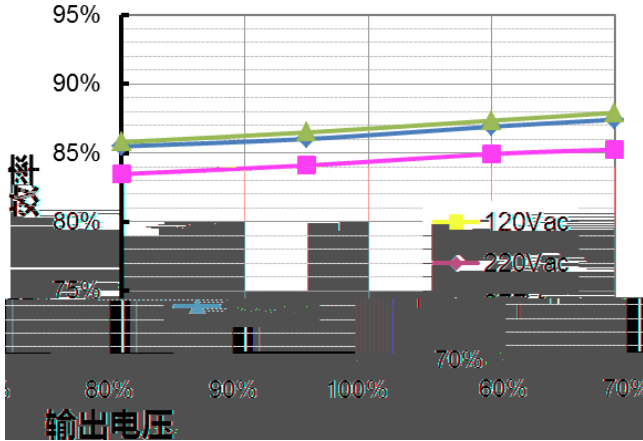
LUR-040S105ST($I_o=700mA$)
效率 vs. 输出电压



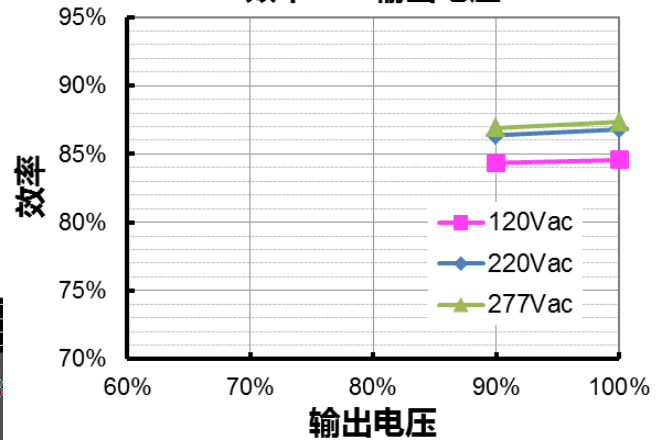
LUR-040S105ST($I_o=1050mA$)
效率 vs. 输出电压



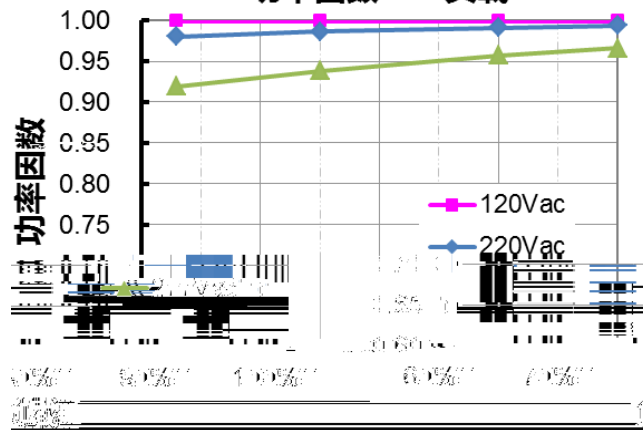
LUR-040S150ST (Io=1100mA)
效率 vs. 输出电压



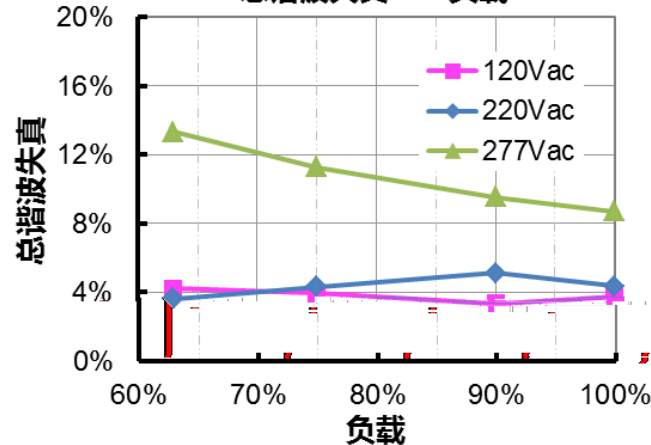
LUR-040S150ST (Io=1500mA)
效率 vs. 输出电压



功率因数 vs. 负载



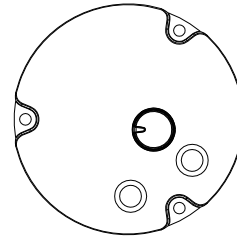
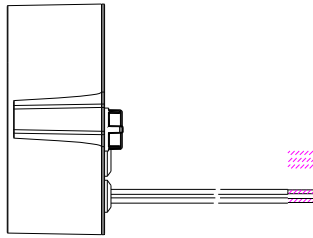
总谐波失真 vs. 负载



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2020-10-16

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