

TDK·Lambda

RTEN SERIES

SPECIFICATIONS



A575NAA-RTEN-001 200801

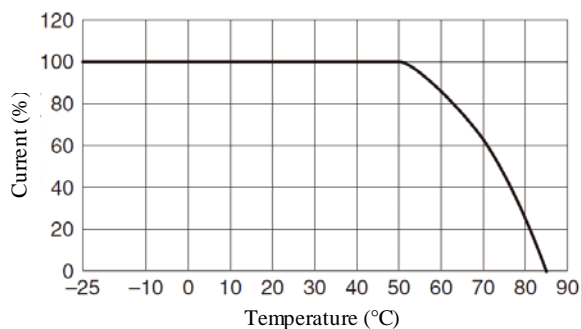
RTEN SERIES

SPECIFICATIONS

Items	Model		RTEN-5006	RTEN-5010	RTEN-5020	RTEN-5030	RTEN-5040	
1	Rated Voltage (AC, DC)	V	500					
2	Rated Current (AC, DC) *1	A	6	10	20	30	40	
3	Test Voltage (terminals to base plate, 1min AC)	V	2500 at 20±15°C, 65± 20 %					
4	Isolation Resistance (terminals to base plate, 500V DC)	M Ω	100 min. at 20±15°C, 65± 20 %					
5	Leakage Current	500V, 60Hz	mA					5 max.
6	DC Resistance (both lines)	m Ω	145	60	25	13	10	
7	Temperature Rise	°C	35 max.					
8	Operating Temperature	°C	-25 ~ +85					
9	Operating Humidity	-	15 ~ 85 % RH					
10	Storage Temperature	°C	-25 ~ +85					
11	Storage Humidity	-	5 ~ 85 % RH					
12	Vibration	-	Frequency : 10~55Hz Amplitude : 1.5mm, Sweep for 1 min. Dimension and times : X, Y and Z directions for 2 hours each.					
13	Safety Standards	-	EN60939, UL1283					
14	Weight	g	360	360	560	560	1100	

NOTE

- *1 Value for Ta less than 50 °C (include 50 °C)
- For Ta more than 50 °C (not include 50 °C)
- According to the derating curve shown on the right.



CAUTION

- Specifications which provide more details for the proper and safe use of the described product are available upon request.
- All specification are subject to change without notice.

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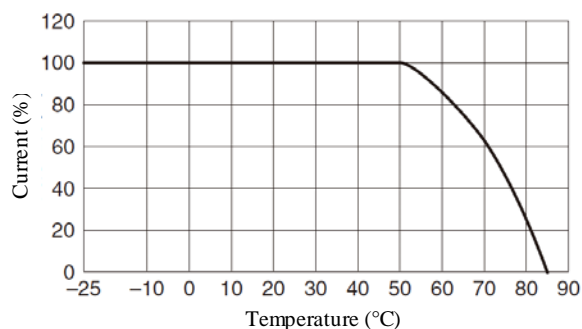
RTEN SERIES

SPECIFICATIONS

Items	Model		RTEN-5050	RTEN-5060				
1	Rated Voltage (AC, DC)	V	500					
2	Rated Current (AC, DC) *1	A	50	60				
3	Test Voltage (terminals to base plate, 1min AC)	V	2500 at 20±15°C, 65± 20 %					
4	Isolation Resistance (terminals to base plate, 500V DC)	M Ω	100 min. at 20±15°C, 65± 20 %					
5	Leakage Current	500V, 60Hz	mA					5 max.
6	DC Resistance (both lines)	m Ω	7	5				
7	Temperature Rise	°C	35 max.					
8	Operating Temperature	°C	-25 ~ +85					
9	Operating Humidity	-	15 ~ 85 % RH					
10	Storage Temperature	°C	-25 ~ +85					
11	Storage Humidity	-	5 ~ 85 % RH					
12	Vibration	-	Frequency : 10~55Hz Amplitude : 1.5mm, Sweep for 1 min. Dimension and times : X, Y and Z directions for 2 hours each.					
13	Safety Standards	-	EN60939, UL1283					
14	Weight	g	1100	1100				

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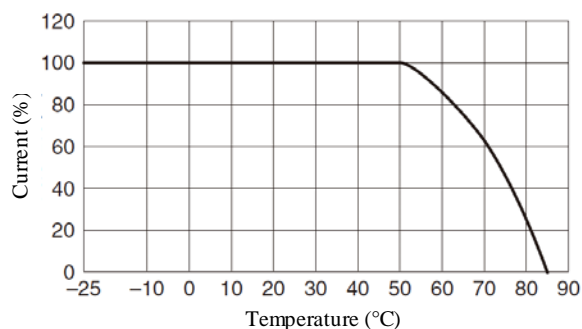
RTEN SERIES

SPECIFICATIONS

Items	Model		RTEN-5080	RTEN-5100	RTEN-5150				
1	Rated Voltage (AC, DC)	V	500						
2	Rated Current (AC, DC) *1	A	80	100	150				
3	Test Voltage (terminals to base plate, 1min AC)	V	2500 at 20±15°C, 65± 20 %						
4	Isolation Resistance (terminals to base plate, 500V DC)	M Ω	100 min. at 20±15°C, 65± 20 %						
5	Leakage Current	500V, 60Hz	mA					5 max.	
6	DC Resistance (both lines)	m Ω	5	4	3				
7	Temperature Rise	°C	35 max.						
8	Operating Temperature	°C	-25 ~ +85						
9	Operating Humidity	-	15 ~ 85 % RH						
10	Storage Temperature	°C	-25 ~ +85						
11	Storage Humidity	-	5 ~ 85 % RH						
12	Vibration	-	Frequency : 10~55Hz Amplitude : 0.7mm, Sweep for 1 min. Dimension and times : X, Y and Z directions for 0.5 hours each.						
13	Safety Standards	-	EN60939, UL1283						
14	Weight	g	3900	4200	6500				

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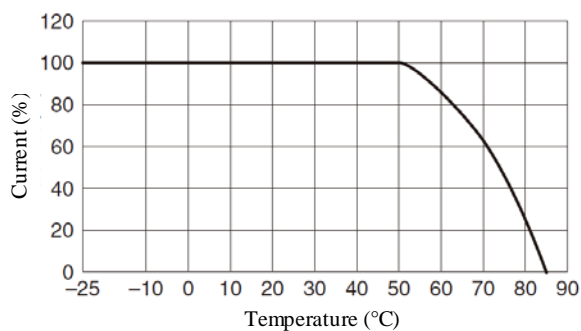
RTEN SERIES

SPECIFICATIONS

Items	Model		RTEN-5200	RTEN-5250	RTEN-5300			
1	Rated Voltage (AC, DC)	V	500					
2	Rated Current (AC, DC) *1	A	200	250	300			
3	Test Voltage (terminals to base plate, 1min AC)	V	2500 at 20±15°C, 65± 20 %					
4	Isolation Resistance (terminals to base plate, 500V DC)	M Ω	100 min. at 20±15°C, 65± 20 %					
5	Leakage Current	500V, 60Hz	mA					5 max.
6	DC Resistance (both lines)	m Ω	2	1.5	1			
7	Temperature Rise	°C	35 max.					
8	Operating Temperature	°C	-25 ~ +85					
9	Operating Humidity	-	15 ~ 85 % RH					
10	Storage Temperature	°C	-25 ~ +85					
11	Storage Humidity	-	5 ~ 85 % RH					
12	Vibration	-	Frequency : 10~55Hz Amplitude : 0.7mm, Sweep for 1 min. Dimension and times : X, Y and Z directions for 0.5 hours each.					
13	Safety Standards	-	EN60939					
14	Weight	g	9200	8700	8300			

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