

***TDK·Lambda***

**RTCN SERIES**

**SPECIFICATIONS**



A575NAA-RTCN-001 200801

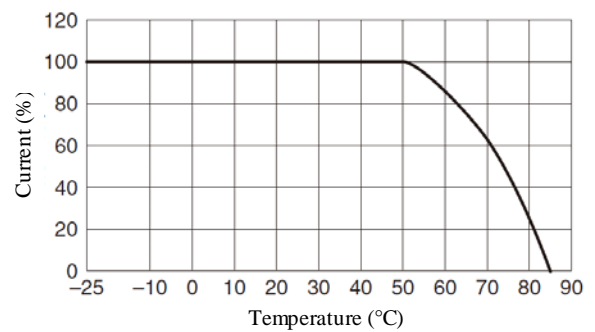
# RTCN SERIES

## SPECIFICATIONS

Items	Model		RTCN-5006	RTCN-5010	RTCN-5020	RTCN-5030	RTCN-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	-	mA					
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	300	300	490	490	960	

### 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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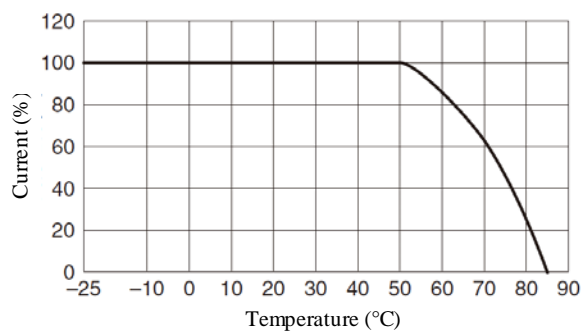
# RTCN SERIES

## SPECIFICATIONS

Items	Model		RTCN-5050	RTCN-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	-	mA					-
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	900	900				

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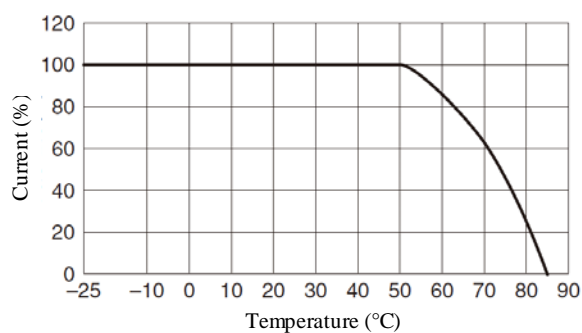
# RTCN SERIES

## SPECIFICATIONS

Items	Model		RTCN-5080	RTCN-5100	RTCN-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	-	mA					
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	3600	3900	6200			

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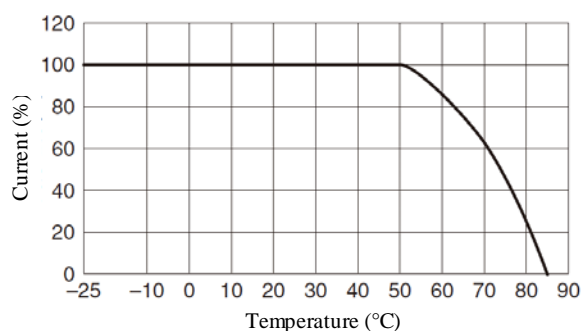
# RTCN SERIES

## SPECIFICATIONS

Items	Model		RTCN-5200	RTCN-5250	RTCN-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	-	mA				
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	8900	8400	8000		

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