

CCGS15-24-xxS

SPECIFICATIONS

C315-01-01A

ITEMS		MODEL	CCGS15-24 -03S	CCGS15-24 -05S	CCGS15-24 -12S	CCGS15-24 -15S	
INPUT							
Input Voltage Range (DC)		V	9-36				
		(*7)	The safety standard certified input voltage range : 18 - 36				
Efficiency (Typ.)		(*1) %	84	86	87	87	
Input Current (Typ.)		(*1) A	0.65	0.73	0.75	0.72	
OUTPUT							
Nominal Output Voltage(DC)		V	3.3	5	12	15	
Output Voltage Initial Set Accuracy		(*1) -	3.29 - 3.41	4.97 - 5.14	11.85 - 12.25	14.83 - 15.33	
Output Voltage Adjustment Range(DC)		V	2.97 - 3.63	4.50 - 5.50	10.80 - 13.20	13.50 - 16.50	
Maximum Output Current		A	4	3	1.3	1	
Maximum Output Power		W	13.2	15	15.6	15	
Maximum Line Regulation		(*2) mV	13.2	20	48	60	
Maximum Load Regulation		(*3) mV	60	60	100	120	
Temperature Coefficient		-	Less than 0.02% / °C				
Maximum Ripple & Noise		0≤Ta≤70°C	mV	100	100	130	130
		(*4) -20≤Ta<0°C	mV	180	180	180	180
PROTECTIVE FUNCTION							
Over Current Protection		(*5) -	105% minimum				
Over Voltage Protection		-	None				
FUNCTION							
Remote ON/OFF Control		(*4) -	Possible				
Remote Sensing		-	None				
Parallel Operation		-	None				
Series Operation		(*4) -	Possible				
ENVIRONMENT							
Operating Temperature		(*6) -	-20 to +70°C				
Storage Temperature		-	-30 to +85°C				
Operating Humidity		-	20 to 95%RH (Non Condensing)				
Storage Humidity		-	10 to 95%RH (Non Condensing)				
Vibration		-	At no operating, 10 - 55Hz (Sweep for 3min) 19.6m/s ² Constant, X,Y,Z 1hour each.				
Shock		-	Less than 196.1m/s ²				
Cooling		-	Convection Cooling				
ISOLATION							
Withstand Voltage		-	Input - FG : 1.5kVDC (10mA), Input - Output : 1.5kVDC (10mA), Output - FG : 1.0kVDC (10mA) for 1min				
Isolation Resistance		-	More than 100MΩ at 25°C and 70%RH Output - FG : 500VDC				
STANDARD AND COMPLIANCE							
Safety		(*7) -	Approved by IEC/EN/UL/CSA 62368-1 (Altitude ≤ 5,000m)				
MECHANICAL							
Weight (Typ.)		g	95				
Size (W x H x D)		mm	52.0 x 23.5 x 93.0				

*Read instruction manual carefully, before using the power supply unit.

=NOTES=

*1. At 24VDC input voltage and maximum output current. (Ambient Temperature = +25°C.)

*2. 9 - 36VDC input voltage, constant load.

*3. No Load - Full Load, constant input voltage.

*4. Refer to Instruction Manual.

*5. OCP TYPE : Hiccup, Automatic recovery.

*6. Rating - Refer to Output Derating Curve in Instruction Manual.

*7. The safety standard certified input voltage range is 18 - 36VDC.