

PSC SERIES (SINGLE OUTPUT)

■ ORDERING INFORMATION

PSC1R5-053R3

Output voltage combination
Input voltage combination
Total output wattage
Series name

- Compact DC-DC Module
- Isolated output
- Over current protection
- Adjustable output voltage
- Remote ON/OFF control (6W type)
- 3 years warranty



■ PSC1R5-S SPECIFICATIONS

	MODEL	PSC1R5-053R3	PSC1R5-0505	PSC1R5-0512	PSC1R5-0515	PSC1R5-123R3	PSC1R5-1205	PSC1R5-1212	PSC1R5-1215	PSC1R5-243R3	PSC1R5-2405	PSC1R5-2412	PSC1R5-2415	PSC1R5-483R3	PSC1R5-4805	PSC1R5-4812	PSC1R5-4815
INPUT	VOLTAGE	DC 5V (4.5~9V)				DC 12V (9~18V)				DC 24V (18~36V)				DC 48V (36~72V)			
	EFFICIENCY	66%	69%	71%	70%	70%	73%	75%	73%	70%	75%	76%	75%	70%	73%	76%	75%
OUTPUT	VOLTAGE [V]	3.3	5	12	15	3.3	5	12	15	3.3	5	12	15	3.3	5	12	15
	CURRENT [mA]	400	300	125	100	400	300	125	100	400	300	125	100	400	300	125	100
	REGULATION, LINE [mV]	20	20	30	30	20	20	30	30	20	20	30	30	20	20	30	30
	REGULATION, LOAD [mV]	40	40	100	100	40	40	100	100	40	40	100	100	40	40	100	100
	RIPPLE [mVp-p]	80	80	120	120	80	80	120	120	80	80	120	120	80	80	120	120
	RIPPLE, NOISE [mVp-p]	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	TEMPERATURE DRIFT -10~+50°C [mV]	50	50	100	100	50	50	100	100	50	50	100	100	50	50	100	100
PROTECTION CIRCUIT	OUTPUT VOLTAGE SETTING [%]	±5% Max (Output voltage is adjustable by the external potentiometer)															
	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically															
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC500V 1 minute, current 20mA, DC500V More Than 50MΩ															
	INPUT-CASE	AC500V 1 minute, current 20mA, DC500V More Than 50MΩ															
	OUTPUT-CASE	AC500V 1 minute, current 20mA, DC500V More Than 50MΩ															
ENVIRONMENT	OPERATING TEMP AND HUMID	-20~+70°C, 20~95%RH (Non Condensing)															
	STORAGE TEMP AND HUMID	-40~+85°C, 20~95%RH (Non Condensing)															
	VIBRATION	10~55Hz at 10G, 3 minutes period for 60 minutes each along X, Y and Z axis															
	IMPACT	10G for 20ms once each along X, Y and Z axis															

PSC1R5-S EXTERNAL VIEW

