AC → DC SWITCHING POWER SUPPLY

CS035 SERIES

Features

DIMENSIONS : 129(L) x 99(W) x 35(H)mm
WEIGHTS: 410g

- Convection cooled
- 100% burn-in test
- MOSFET designed
- 350,000Hrs MTBF per MIL-HDBK-217F
- 2 years Warranty
- Output modify range: 3V~200VDC
- Split rail & Series connection possible

General specifications

INPUT

Input range	90~264VAC 127~380VDC
Input frequency	47~63Hz
Inrush current (25° C)	20A/110VAC 40A/220VAC

OUTPUT

Hold-up time	16mS
Short protection	Autorecovery
Overload protection	Automatic power limited
Over voltage protection	Optional

Detail specifications

35 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) 1			Ripple & Noise 4	Line REG. 2	Load REG. 3	Efficiency 5	O.V.P. Optional
		Min.	Rated	Max.					
RP1035-05SV	V1: +5V ±10%	0A	7A	7A	50mVp-p	±1%	±1%	67% Min.	6.67 ~ 7.88V
RP1035-12SV	V1: +12V ±10%	0A	3A	3A	100mVp-p	±1%	±1%	73% Min.	17.1 ~ 18.9V
RP1035-15SV	V1: +15V ±10%	0A	2.3A	2.3A	150mVp-p	±1%	±1%	74% Min.	20 ~ 23.3V
RP1035-24SV	V1: +24V ±10%	0A	1.5A	1.5A	150mVp-p	±1%	±1%	75% Min.	31.4 ~ 38.3V
RP20351SV	V1: +5V ±10% V2: +12V-------	0A 0A	3A 1.5A	4A 2A	50mVp-p 100mVp-p	±1% ±2%	±1% ±4%	71% Min.	5.8 ~ 7.0V ----------
RP20351SAV (INDIVIDUAL GND)	V1: +5V ±10% V2: +12V-------	0A 0A	3A 1.5A	4A 2A	50mVp-p 100mVp-p	±1% ±2%	±1% ±4%	71% Min.	5.8 ~ 7.0V ----------
RP20352SV	V1: +5V ±10% V2: +24V-------	0A 0A	2A 1A	4A 1A	50mVp-p 150mVp-p	±1% ±2%	±1% ±4%	73% Min.	6.67 ~ 7.88V ----------
RP20352SAV (INDIVIDUAL GND)	V1: +5V ±10% V2: +24V-------	0A 0A	2A 1A	4A 1A	50mVp-p 150mVp-p	±1% ±2%	±1% ±4%	73% Min.	5.8 ~ 7.0V ----------
RP20353SV	V1: +24V ±10% V2: -24V-------	0A 0A	1A 0.5A	1A 0.5A	150mVp-p 150mVp-p	±1% ±2%	±1% ±4%	75% Min.	27.6 ~ 31V ----------
RP20355SV	V1: +15V ±10% V2: -15V-------	0A 0A	1A 1A	2A 1A	150mVp-p 150mVp-p	±1% ±2%	±1% ±4%	73% Min.	20 ~ 23.3V ----------
RP20356SV	V1: +5V ±10% V2: +15V-------	0A 0A	3A 1A	4A 1A	50mVp-p 150mVp-p	±1% ±2%	±1% ±4%	71% Min.	6.67 ~ 7.88V ----------
RP30351SV	V1: +5V ±10% V2: +12V------- V3: -5V-------	0A 0A 0A	3A 1.5A 0.5A	4A 2A 1A	50mVp-p 100mVp-p 100mVp-p	±1% ±2% ±2%	±1% ±4% ±7%	71% Min.	6.67 ~ 7.88V ---------- ----------
RP30352SV	V1: +5V ±10% V2: +12V------- V3: -12V-------	0A 0A 0A	3A 1A 0.5A	4A 2A 1A	50mVp-p 100mVp-p 120mVp-p	±1% ±2% ±2%	±1% ±4% ±7%	72% Min.	6.67 ~ 7.88V ---------- ----------

EMC Standards

EN55022 CLASS B, EN55024
EN61000-3-2 CLASS A
EN61000-3-3,EN50082-1
EN6100-4-2,EN6100-4-3
ENV50204,EN61000-4-4
EN61000-4-5,EN61000-4-6
EN61000-4-11
LVD IEC 60950 EN60950

Safety Standards

UL	60950	(Meet)
CSA	60950	(Meet)
CE	Marking	

Environments

Operating Temperature	-15 ~ 50°C, Ambient
Operating Humidity	5 ~ 95% RH, No Condensing
Storage Temperature	-20 ~ 85°C, Ambient
Vibration	2G, 10~500Hz, 3 axes

NOTE:

1. Each output can provide up to maximum load, but total load can not exceed rated output power.
2. Line regulation is measured from low line to high line at rated load.
3. Load regulation is measured from 20% to 100% of rated load at 110VAC input.
4. Ripple & Noise is measured by using a 0.1uF/630V metalized capacitor & a 47uF electrolytic capacitor parallel on the test point, at rated load and 110VAC input.
5. Efficiency is measured at rated load and 110VAC input.
6. Hold-up time is measured at rated load and 110VAC input.

Reign Power reserve the right to change specifications at any time without notice.

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