



6 Watt, Regulated AC/DC Modules, PCB mounting Series DVC06-D41



Features

- Universal Input Range 90 – 264Vac
- Size 41,1 x 21 x 20 (mm)
- No Load Input Power < 75mW
- Approved UL62368-1, IEC62368-1, EN62368-1
- Meets EN61558 (60335)
- High Efficiency 83%
- Continuous Short Circuit Protection
- Over Voltage Protection
- Class II
- Meets EN55032 Class B / CIRSS/FCC Class

MODEL NUMBER	OUTPUT VOLTAGE [VDC]	OUTPUT CURRENT [mA] MAX.	OUTPUT CURRENT [A] MIN.	RIPPLE & NOISE [mV p-p] (Note 2)	VOLTAGE ACCURACY [%] (Note 1)	EFF. [%]	LOAD REGULATION [%] (Note 3)
DVC06-3,3S1500D41	3,3	1500	0	100	±6	75	±6
DVC06-05S1200D41	5	1200	0	100	±5	78	±5
DVC06-09S670D41	9	670	0	100	±5	81	±5
DVC06-12S500D41	12	500	0	120	±3	81	±3
DVC06-15S400D41	15	400	0	150	±3	81	±3
DVC06-24S250D41	24	250	0	240	±3	83	±3

Note:

1. Voltage Accuracy is set of 100% rated load.
2. Add a 0,1µF ceramic capacitor and a 10 µF E.L. capacitor to output for Ripple & Noise Measuring @ 20MHz BW.
3. Load Regulation is measured from 10% to 100% load.

INPUT CHARACTERISTICS:

Input Voltage Range.....	90-264Vac
Input Frequency	47 to 63Hz
Inrush Current (Cold start @ 25°C).....	90A Max. @ 240Vac
Leakage Current (@ 264Vac).....	0,25 mA max.
Input Current	0,25A max.

OUTPUT CHARACTERISTICS:

Line Regulation (Note 4).....	±1,0% max.
Hold-up Time Note1	12mS typ @ 115Vac
Temperature Coefficient.....	±0,05%/°C
Short Circuit Protection.....	Hiccup Mode, Auto Recovery

GENERAL CHARACTERISTICS:

Efficiency.....	see table
Isolation Voltage Input/Output	3000 VAC
Operating Temperature Range.....	-40°C to +80°C
Derating	see curve
Storage Temperature Range.....	-40°C to +85°C
Cooling.....	Natural Convection
Humidity.....	93% RH max. non condensing
Switching Frequency.....	30-70KHz typ.
MTBF (MIL-STD-217F, GB, 25°C/115Vac).....	1100K hrs min.
Altitude.....	5000m

SAFETY & EMISSION:

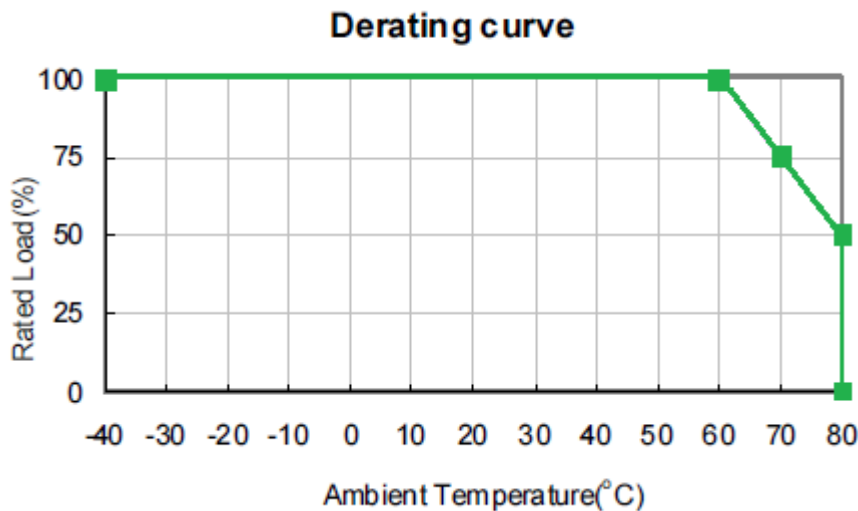
Emission and Immunity	EN55032 Class B, FCC Part 15 Class B EN61000-3-2,EN6100-3-3 EN55024, EN61204-3,EN61000-6-1,-2,-3,-4 IEC62368-1, UL62368-1, EN62368-1, IEC60950-1
Safety meet	

MECHANICAL SPECIFICATIONS:

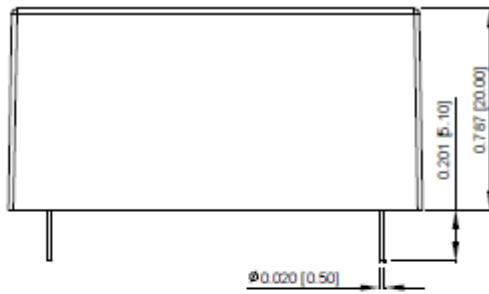
Dimensions	41,10 x 21 x 20 (mm)
Weight.....	30g

NOTE:

- 4. Line Regulation is measured from High Line to Low Line with Full Load.
- 5. Typical at 25°C, nominal line and 75% load, unless otherwise specified.



All Dimensions in inch [mm]
 Tolerance:
 Inches: x.xxx=±0.02
 Millimeters:x.xx=±0.5



Pin	CONNECTION
1	ACN
2	ACL
3	+Vout
4	-Vout

