



**50 Watt
AC/DC Modules, PCB mounting
Series DV50-R**



Features

- Wide Input Range 85 – 265 VAC
- Single Outputs, Regulated
- Isolation I/O 3,75K VAC
- Operating Temp. Range 40°C to +85°C
- Low Stand-By Power
- EN60950 / EN55022 Class B / CE Conformity
- 100% burn in
- Dimension 90 x 66 x 30 and 32 mm
- Meet cCSAus

MODEL NUMBER	INPUT VOLTAGE RANGE [VAC / VDC]	OUTPUT VOLTAGE [VDC]	OUTPUT CURRENT [mA] MAX.	OUTPUT CURRENT [mA] MIN.	EFF. [%] Typ.	PIN OUT
DVA85-265-05S9000RA	85 – 265 / 110 - 370	5	9000	0		RA
DVA85-265-6,5S7000RA		6,5	7000	0		
DVA85-265-12S4000RA		12	4000	0		
DVA85-265-15S3300RA		15	3300	0	84	
DVA85-265-24S2100RA		24	2100	0	87	

Option:
("T"): External Voltage Adjustment

Further options and special voltages on request.

INPUT SPECIFICATIONS:

Input Voltage Range.....	85 – 265 VAC / 110 – 370 VDC
Input Frequency	47 – 63Hz
Input Transient ..Single Output	(Burst / Surge) 2KV
Hold-up Time.....Single Output	230 VAC..... 20ms

OUTPUT SPECIFICATIONS:

Output Voltage Accuracy.....	±2,0%
Ripple & Noise (≤30MHz)	1% Vout
Temperature Coefficient	0,02%/°C of Vout
Dynamic Load Regulation / Response Time (10%-90%) . Single Output.....	±3,0% / 5mS
Short Circuit Protection.....	continuous
Line Regulation (Vin min. – Vin max.)	±0,5%
Load Regulation (Iout min. - Iout max.)	±1,0%
Current Limitation	Primary

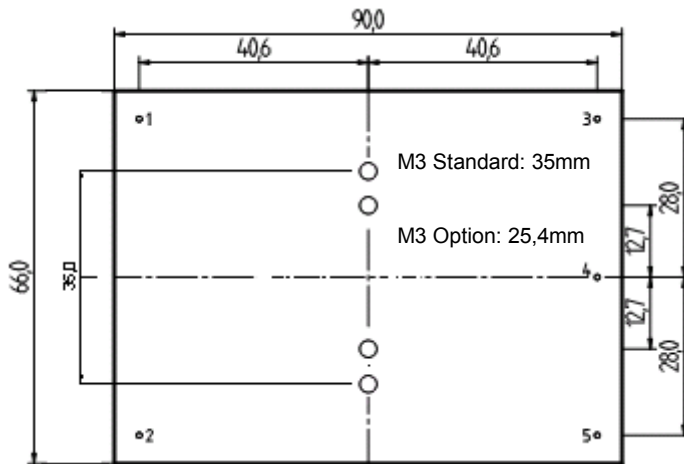
GENERAL SPECIFICATIONS:

Efficiency.....	see table
Isolation Voltage I/O.....	3,75K VAC
Switching Frequency	145 KHz max.
Operating Temperature Range.....	-40°C to +85°C
Derating above 50°C	2%/°C
Case Temperature	100°C max.
Storage Temperature Range	-40°C to +105°C
EMI/RFI Conducted.....	EN61000-6-4 (EN55022 Class B)
Input Immunity.....	EN61000-6-2 / EN61000-4-2,-3,-4,-5,-6,-11
Electrical Safety (in Accordance with)	EN60950
Dimension (L x W x H).....	Vout 24V & 15V..... 90 x 66 x 30 mm
	Vout 12V..... 90 x 66 x 32 mm
Case Material	Plastic (UL94-V0)

Note:
All data with ambient temperatures of +25°C and nominal input voltage.

DIMENSION

Bottom View. Pin diameter = 1, data in mm



PIN OUT		
Pin	RA	
1	AC Input	
2	AC Input	
3	NP / TRIM	
4	GND	
5	+V Output	