



**40 Watt
AC/DC Modules, PCB mounting
Series DV40-R**



Features

- Wide Input Range 85 – 265 VAC
- Single Output, 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 23 mm
- Meet cCSAus

MODEL NUMBER	INPUT VOLTAGE RANGE [VAC / VDC]	OUTPUT VOLTAGE [VDC]	OUTPUT CURRENT [mA]	CURRENT LIMITING	EFF. [%] Typ.	PIN OUT
DV85-265-05S6500RA	85 – 265 / 110 - 370	5	6500	Primary		RA
DV85-265-12S3400RA		12	3400	Primary	86	
DV85-265-15S2500RA		15	2500	Primary	88	
DV85-265-24S1700RA		24	1700	Primary	87	

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
Response Time (70 – 100%)	Single Output 100 mVss / 5mS
Short Circuit Protection.....	continuous
Line Regulation (Vin min. – Vin max.)	±0,5%
Load Regulation (Iout min. - Iout max.)	±1,0%
External Trim Range (TRIM).....	YES
Current Limitation	see table

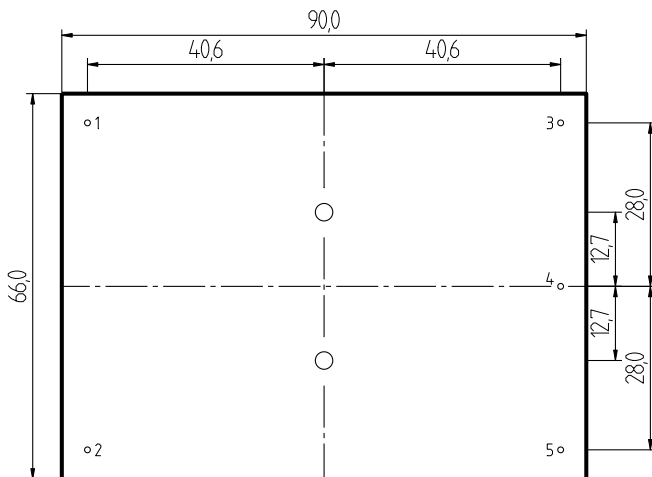
GENERAL SPECIFICATIONS:

Efficiency.....	see table
Isolation Voltage I/O	3,75K VAC
Switching Frequency	150 KHz max.
Operating Temperature Range.....	-40°C to +85°C
Derating	Other Output above 70°C 5V Output..... above 50°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).....	90 x 66 x 23 mm
Case Material	Plastic

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	TRIM
4	GND
5	+V Output