



**24 Watt
AC/DC Modules, PCB mounting
Series DVA24-TB**



Features

- Wide Input Range 90 – 264 VAC
- Single Outputs, regulated
- Isolation I/O 3,3 KVAC
- Operating Temperature Range -40°C to +85°C
- EN 55022 Class B / CE Conformity
- 100% burn in
- Dimension 76 x 51 x 22,5 mm

MODEL NUMBER	INPUT VOLTAGE [VAC (47...440Hz)/VDC]	OUTPUT VOLTAGE [VDC]	OUTPUT CURRENT [mA]	EFF. [%] Typ.	CASE
DVA24-05S4000TB	90 – 264 / 110 – 370	5	4000	80	TB
DVA24-12S2000TB		12	2000	83	
DVA24-15S1600TB		15	1600	84	
DVA24-24S1000TB		24	1000	87	
DVA24-48S500TB		48	500	87	

Option:
(T): External Voltage Adjustment

Further options and special voltages on request.

INPUT SPECIFICATIONS:

Input Voltage see table
 Input Frequency 47 – 440Hz

OUTPUT SPECIFICATIONS:

Output Voltage Accuracy $\pm 2,0\%$
 Ripple & Noise ($\leq 30\text{MHz}$) 100 mVp-p
 Temperature Coefficient $0,02\%/^{\circ}\text{C}$ of Vout
 Short Circuit Protection continuous
 Line Regulation (Vin min. – Vin max.) $\pm 0,1\%$
 Load Regulation (Iout 0,25% - Iout max.) $\pm 0,5\%$
 Current Limitation Primary

GENERAL SPECIFICATIONS:

Efficiency see table
 Isolation Voltage I/O 3,3K VAC
 Switching Frequency 100 KHz max.
 Operating Temperature Range -40°C to $+85^{\circ}\text{C}$
 Derating above $+55^{\circ}\text{C}$ Linearly $2,5\%/^{\circ}\text{C}$
 Case Temperature 100°C max.
 Storage Temperature Range -40°C to $+105^{\circ}\text{C}$
 Electrical Safety (in Accordance with) EN60950
 Interference immunity EN61000-6-2; EN61000-4-2,-3,-4,-5,-6,-11
 Burst ($\pm 2\text{KV}$) EN61000-4-4
 Surge ($\pm 1\text{KV}$ symmetrical, $\pm 2\text{kV}$ asymmetrical) EN61000-4-5
 EMI/RFI EN61000-6-4 (EN55022 Class B)
 Dimension (L x W x H) 76 x 51 x 22,5 mm
 Case Material Plastic PCGF20 (UL94-V0)
 Weight 150g

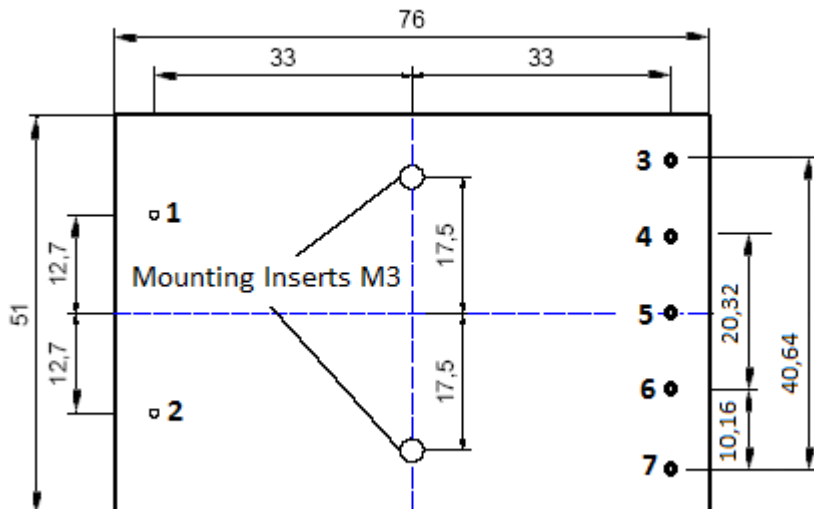
Note:

1. Temperature Range -40 to 0°C they may not meet all specification listed.

All data with ambient temperatures of $+25^{\circ}\text{C}$ and nominal input voltage.

CASE TB

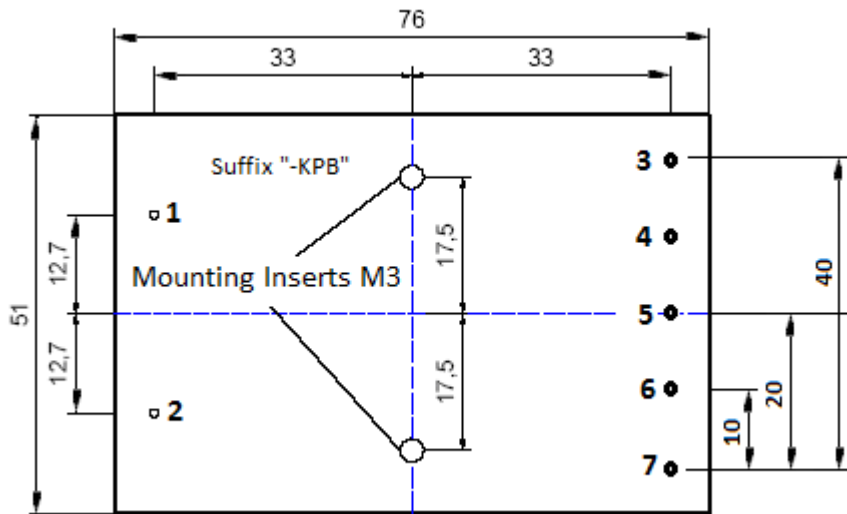
Bottom View. Pin diameter = 1, data in mm



CONNECTION	
Pin	SINGLE
1	AC Input
2	AC Input
3	-Vout
4	No Pin
5	No Pin
6	No Pin
7	+Vout

CASE TB Suffix -KPB

Bottom View. Pin diameter = 1, data in mm



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Technische Änderungen vorbehalten / Technical change reserved without notice