



**15 Watt
AC/DC Modules, PCB mounting
Series DVA15-TB**



Features

- Wide Input Range 90 – 264 VAC
- Single Outputs, regulated
- Isolation I/O 3,3 KVAC
- Operating Temperature Range -25°C to +85°C (above -40°C on request)
- 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 1 [VDC]	OUTPUT CURRENT 1 MAX. / MIN. [mA]	OUTPUT VOLTAGE 2 [VDC]	OUTPUT CURRENT 2 MAX. / MIN. [mA]	EFF. [%] TYP.	CASE
DVA15-05S3000TB	85 – 264 / 110 – 370	5	3000 / 0			76	TB
DVA15-12S1250TB		12	1250 / 0			80	
DVA15-15S1000TB		15	1000 / 0			80	
DVA15-24S625TB		24	625 / 0			80	
DVA15-48S313TB*		48	313 / 0			80	
DVA15-D524TB		+5	1000 / 25	+24	420 / 0	83	

Option:

*On Request

Extended Operating Temperature Range above -40°C on Request

(T): External Voltage Adjustment

Further options and special voltages on request.

INPUT SPECIFICATIONS:

Input Voltage.....	.....	.....	see table
Input Frequency.....	.....	.....	47 – 440Hz
Hold-up Time.....	Dual Output.....	.....	>50ms

OUTPUT SPECIFICATIONS:

Output Voltage Accuracy.....	Single Output.....	.....	±3,0%
	Dual Output +Vo1 / +Vo2.....	.....	±2,0% / ±3,0%
Ripple & Noise (≤30MHz).....	Single Output / +Vo1.....	.....	100 mVp-p
	+Vo2.....	.....	180 mVp-p
Temperature Coefficient.....	.....	.....	0,02%/°C of Vout
Short Circuit Protection.....	.....	.....	continuous, auto recovery
Line Regulation (Vin min. – Vin max. ).....	.....	.....	±0,2%
Load Regulation (Iout 0,25% - Iout max.).....	Single Output.....	.....	±0,5%
	Dual Output +Vo1 / +Vo2.....	.....	±0,3% / ±0,6%
Current Limitation.....	.....	.....	Primary

GENERAL SPECIFICATIONS:

Efficiency.....	.....	.....	see table
Isolation Voltage I/O.....	.....	.....	3,3K VAC
Switching Frequency.....	Single Output / Vo1.....	.....	150 KHz max.
	Vo2.....	.....	470 KHz max.
Operating Temperature Range.....	.....	.....	-25°C to +85°C
Derating.....	Model Single Output.....	.....	above 70°C / Linearly 2,5%/°C
	Model Dual Output.....	.....	above 65°C / Linearly 2,0%/°C
Case Temperature.....	.....	.....	+100°C max.
Storage Temperature Range.....	.....	.....	-40°C to +85°C
Electrical Safety (in Accordance with ).....	.....	.....	EN62368-1
Interference immunity.....	.....	.....	EN61000-6-2; EN61000-4-2,-3,-4,-5,-6,-11
	Burst.....	.....	(±2KV) EN61000-4-4
	Surge.....	.....	(±1KV symmetrical,±2kV 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

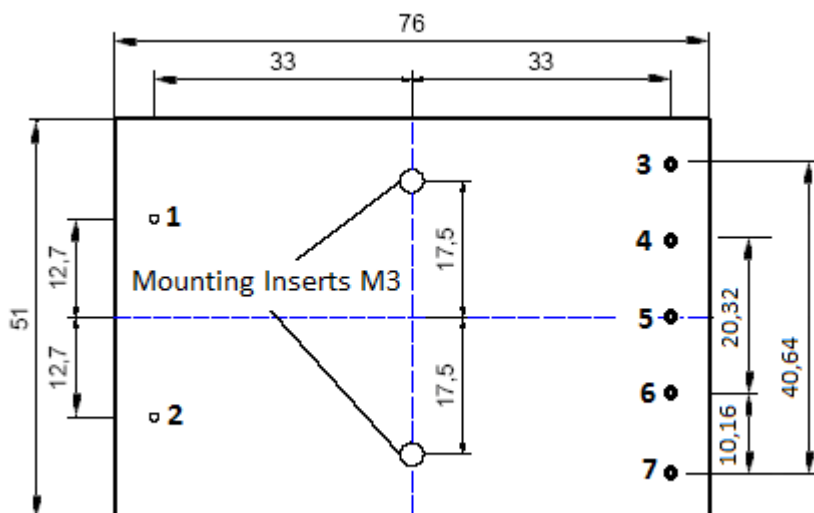
Note:

Installation requirement: According to EN62368-1 is mains in the phase line (L) a fuse max. 2 A fast-acting should be.

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

CASE TB

Bottom View. Pin diameter = 1, data in mm

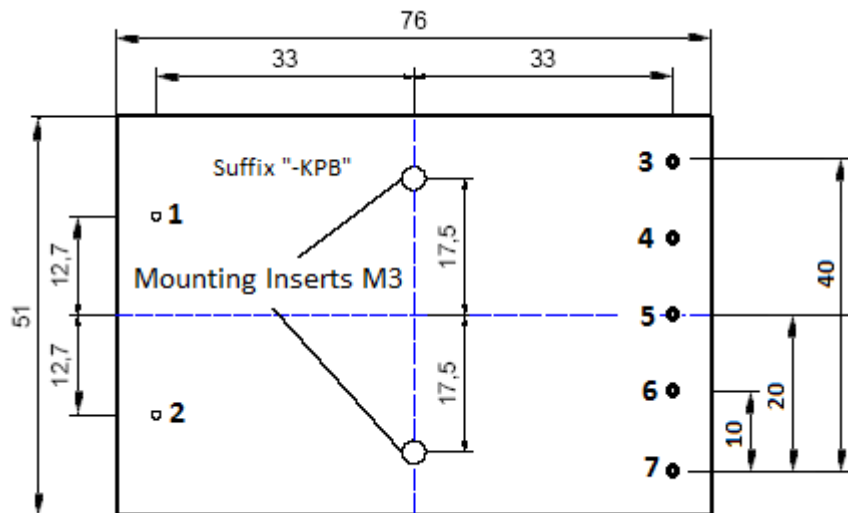


CONNECTION	
Pin	SINGLE
1	AC Input
2	AC Input
3	-Vout
4	No Pin
5	No Pin
6	No Pin
7	+Vout

CONNECTION	
Pin	DUAL
1	AC Input
2	AC Input
3	+Vout 2
4	No Pin
5	GND
6	No Pin
7	+Vout 1

CASE TB Suffix -KPB

Bottom View. Pin diameter = 1, data in mm



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Technische Änderungen vorbehalten / Technical change reserved without notice