



**10 Watt, AC&DC Universal Input Modules, PCB mounting
Series DVA10U-MP**



Features / Preliminary

- Universal Input Range 85 – 264 VAC & 18 – 288 VDC
- Single Outputs, Regulated
- Isolation I/O 3,75K VAC
- Insulation Grade Reinforced ES1/SELV
- EN61000-6-3 (EN55022 Class B) / CE
- Operating Tem. Range -40°C to +85°C
- Safety EN62368
- Over Voltage Category OVC II
- Case 52 x 36,5 x 25,5 (mm)

MODEL NUMBER	INPUT VOLTAGE [VAC / VDC]	OUTPUT VOLTAGE [VDC]	OUTPUT CURRENT MAX. [mA]	CAPACITIVE LOAD MAX. [µF]	EFF. @ 230 VAC TYP. [%]	EFF. @ 48 VDC TYP. [%]
	85 – 264 VAC & 18 – 288 VDC					
DVA10U-MP-S24		24	417	TBD	83	TBD

Note:

INPUT SPECIFICATIONS:

Input Voltage.....	85 – 264 VAC / 18 – 288 VDC
Input Frequency.....	47 – 400Hz / 0 Hz

OUTPUT SPECIFICATIONS:

Output Voltage Accuracy	±3,5%
Output Current Min.	0 mA
Ripple & Noise	I load=I nom.; BW=20MHz TBD
Load Regulation	10% - 90% Inom. ±2,0% max.
Line Regulation.....	at full load ±1,0% max.
Temperature Coefficient.....	0,04%/K max.
Short Circuit Protection	continuous (hiccup mode)

GENERAL SPECIFICATIONS:

Efficiency	see table
Isolation Voltage I/O.....	3,75K VAC
Switching Frequency	min. 20 / max. 80 KHz
Operating Temperature Range	-40°C to +85°C
Derating	see Derating Curve
	Input Range 18 to 21,6 VDC Output Power 8W max.
Over Temperature Protection	Yes
Over Voltage Category.....	OVC II
Reinforced Insulation Grade	ES1/SELV
Storage Temperature Range	-40°C to +105°C
Interference immunity	EN61000-6-2
	ESD Electrostatic discharge EN61000-4-2
	RF field susceptibility EN61000-4-3
	Burst (±2KV) EN61000-4-4
	Surge (±1KV symmetrical, ±2kV asymmetrical) EN61000-4-5
	HF fields conducted disturbances EN61000-4-6
	Voltage interruption.....EN61000-4-11
EMI/RFI Conducted	EN61000-6-3 (EN55022 Class B)
Electrical Safety (in Accordance with)	EN62368-1
Dimension (L x W x H)	52 x 36,5 x 25,5 mm
Case Material	Plastic (UL94V-0)

Technical Data at Ta=25°C and Vin=230Veff unless otherwise specified.

Note:

Installation requirement: According to EN62368, the input circuit must be protected by a fuse in the phase (L) connection.

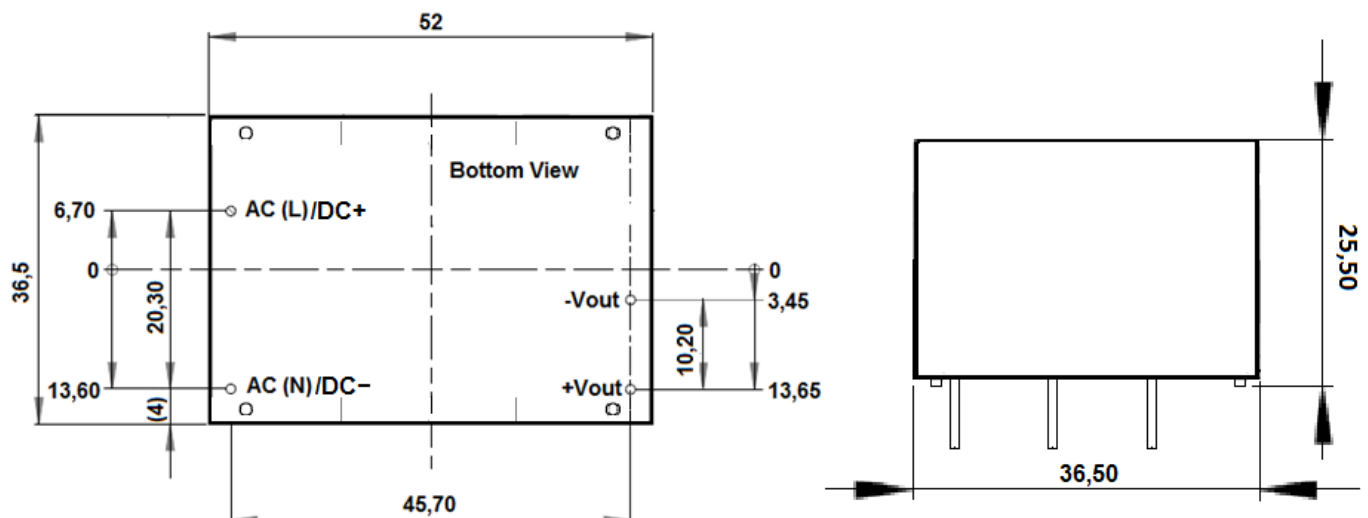
Type: SIBA 160016.1 (1A, slow blow)

MECHANICAL DIMENSION

Series DVA10U-MP

Bottom View. Pin diameter = 1.0 mm (0.04 Inch)

Pin pitch tolerance: ±0.3 mm (0.012 Inch)



Technische Änderungen vorbehalten / Specifications are subject to change without notice

