



300 Watt Open Frame AC/DC Modules With PFC Series DVC300



Features

- Universal Input: 90 – 264Vac
- Efficiency up to 94%
- No Load Power Consumption <0,3W Note6
- Power Good / Power Fail Signal
- Remote Voltage Sense
- PS On/Off Remote Control
- 12Vout Fan Output
- Meets EN55032 & EN55022 Class B
- Approval IEC/EN/UL62368-1
- Active PFC Meets EN61000-3-2 Class C&D
- High Power Density up to 14W/Inch³
- Over Temperature Protection
- Short Circuit Protection Continuous
- Over Temperature Protection
- +5V Stand-by Output Power
- 127 x 76,20 x 36,1 (mm) Size
- Meets IEC/EN60335-1
- Meets Class I

MODEL NUMBER	OUTPUT VOLT. [VDC]	Iout MAX. [A]		Iout MIN. [A]	VOLTAGE ADJ. RANGE [%]	RIPPLE & NOISE [mV] (Note1)	LINE REG. [%] (Note3)	LOAD REG. [%] (Note4)	EFF. TYP. [%] (Note5)
		Forced Air (1)	Natural (2)						
Main Output Voltage									
DVC300S12	+12	25	16,67	0	11,4-12,6	120	±0,5	±1	92,5
DVC300S24	+24	12,5	8,34	0	22,8-25,2	150	±0,5	±1	93,5
DVC300S36	+36	8,34	5,56	0	34,2-37,8	150	±0,5	±1	93,5
DVC300S48	+48	6,25	4,17	0	45,6-50,4	150	±0,5	±1	94
Stand-by Output Voltage									
All	+5	1	0,6	--	--	100	±1	±5	--
Fan Output Voltage									
All	+12	0,5		--	--	--	--	--	--

Note: (1) Forced Air convection
(2) Natural convection

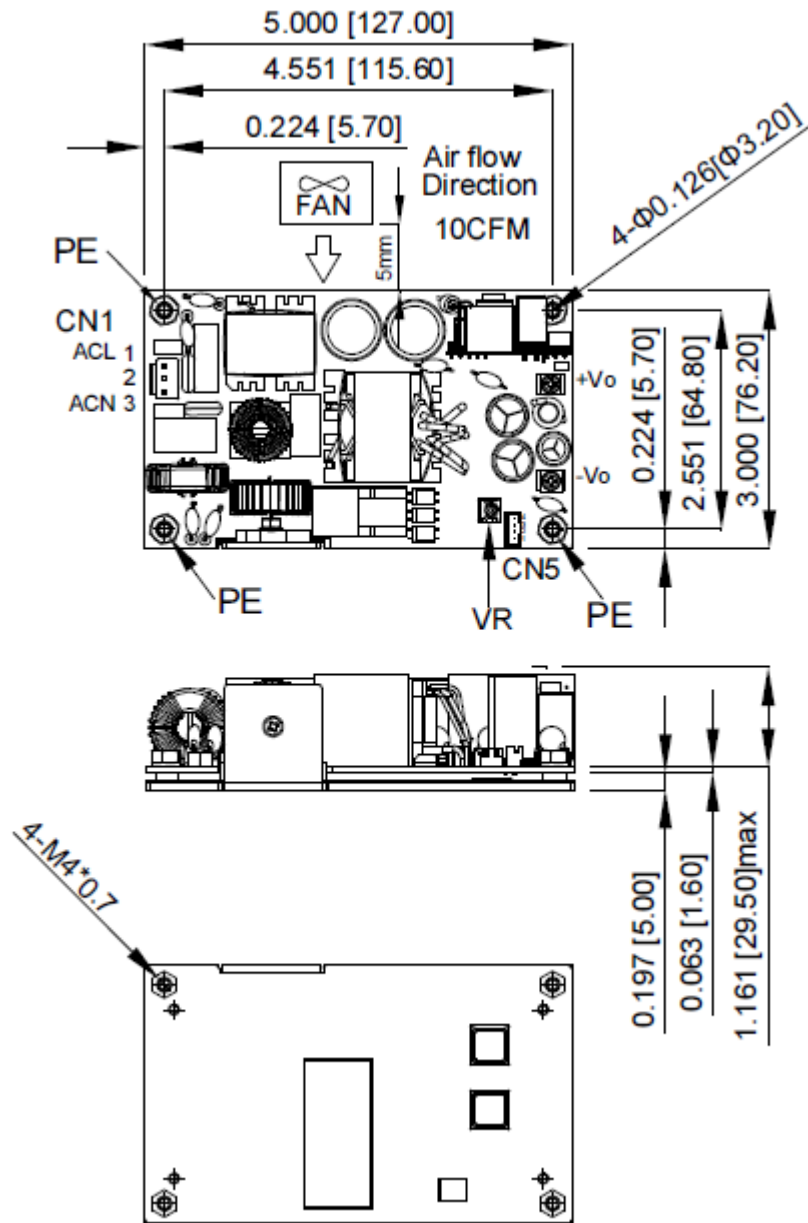
Note: Please add **-C** for **Covered** Version, for example DVC300S12-C

Model DVC300Sxx (Open Frame)

Series DVC300

All Dimensions are in Inches (mm)

Tolerances: x.xxx±0.02 inches , x.xx= ±0.5 mm



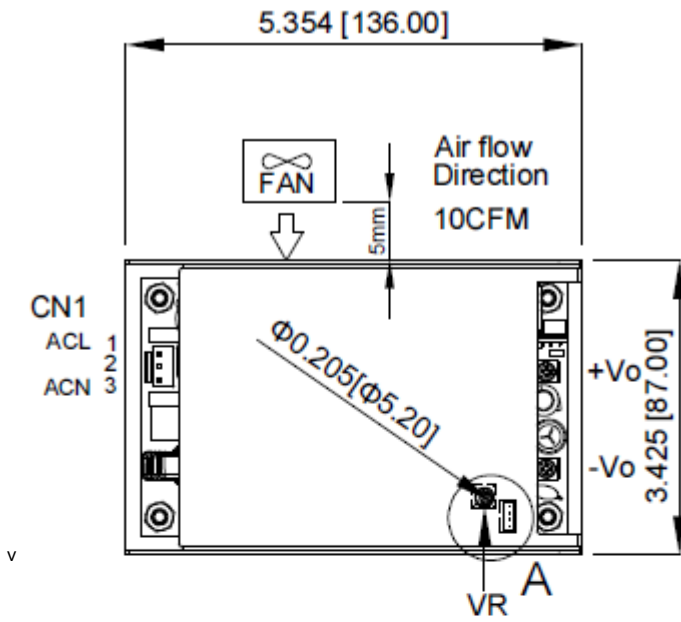
PIN CONNECTION CN1	
Pin	Function
1	ACL
2	-
3	ACN

PIN CONNECTION CN5	
Pin	Function
1	GND
2	PG
3	-Sense
4	+Sense

PIN CONNECTION CN4	
Pin	Function
1	Fan V-
2	Fan V+
3	GND
4	+5VSB
5	GND
6	PS-ON

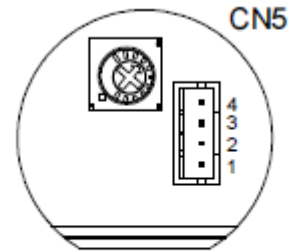


Technische Änderungen vorbehalten / Specifications are subject to change without notice

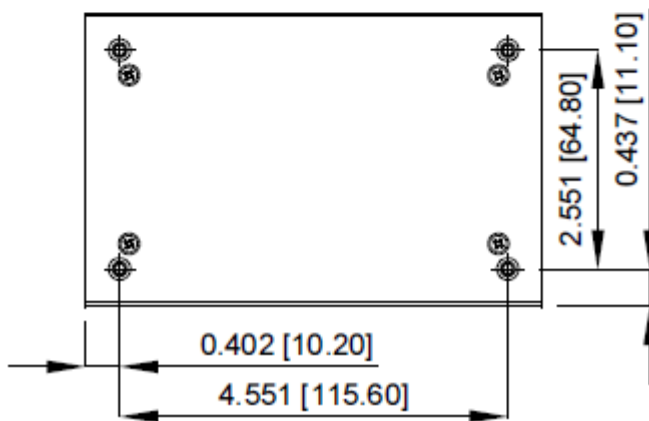
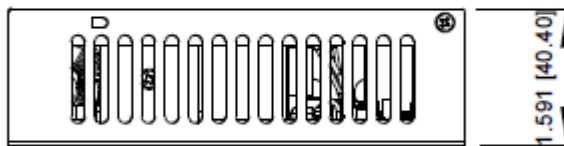


PIN CONNECTION CN1	
Pin	Function
1	ACL
2	-
3	ACN

PIN CONNECTION CN5	
Pin	Function
1	GND
2	PG
3	-Sense
4	+Sense



Detail enlargement A
SCALE 1 : 1



PIN CONNECTION CN4	
Pin	Function
1	Fan V-
2	Fan V+
3	GND
4	+5VSB
5	GND
6	PS-ON

