



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



### Features

- Universal Input: 90 – 264Vac
- Conductive EMI Meets EN55032, EN55024 Class B
- Efficiency at 94% Typical
- Power Good / Power Fail Signal
- High Power Density up to 18W/Inch<sup>3</sup>
- Dimension Open Frame: 127 x 76,20 x 35,12 (mm), Covered Version: 136 x 87 x 40,40 (mm)
- Active PFC Meets EN61000-3-2
- Remote Voltage Sense /PS On/Off Remote C.
- Over Temperature Protection
- +5V Stand-by Output Power / 12Vout Fan
- Short Circuit Protection

MODEL NUMBER	OUTPUT VOLT. [ VDC ]	Iout MAX. [ A ]		MIN. LOAD [ A ]	VOLTAGE ADJ. RANGE [ % ]	RIPPLE & NOISE [ mV ]	LINE REGULATION [ % ]	LOAD REGULATION [ % ]	EFF. TYP. [ % ]
		Forced Air (1)	Natural (2)						
<b>Main Output Voltage</b>									
DVC300S120	+12	25	16,67	0	11,4~12,6	120	±0,5	±1	92,5
DVC300S240	+24	12,5	8,34	0	22,8~25,2	150	±0,5	±1	93,5
DVC300S360	+36	8,34	5,56	0	34,2~37,8	150	±0,5	±1	93,5
DVC300S480	+48	6,25	4,17	0	45,6~50,4	150	±0,5	±1	94
<b>Stand-by Output Voltage</b>									
All	+5	1	0,6	0	--	100	±1	±5	--
<b>Fan Output Voltage</b>									
All	+12	0,5		0	--	--	--	--	--

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

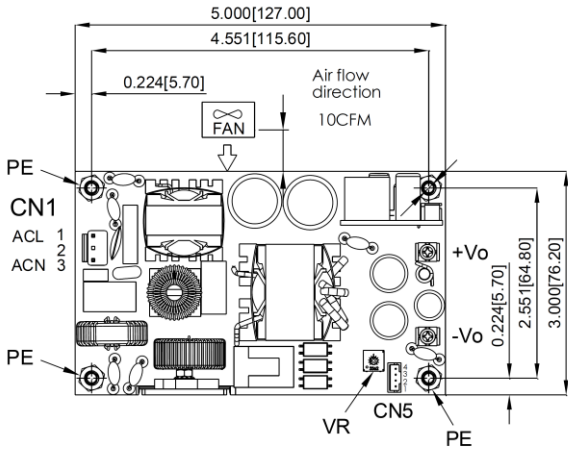
**Note:** Please add **-C** for **Covered** Version, for example DVC300S120-C



# Model DVC300Sxxx (Open Frame)

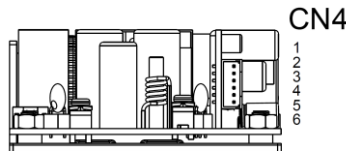
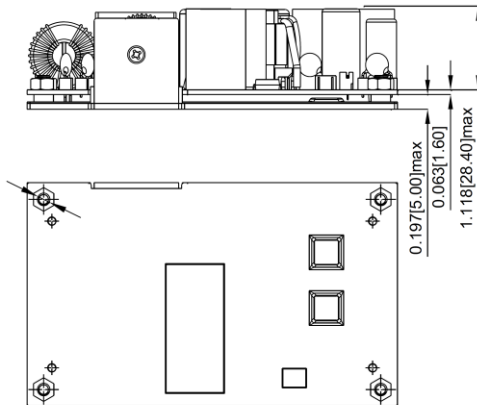
# Series DVC300

All Dimensions are in Inches (mm)  
Tolerances: x.xxx±0.02 inches , x.xx= ±0.5 mm



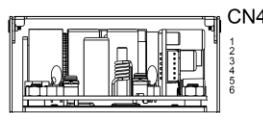
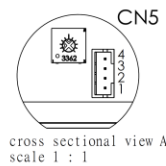
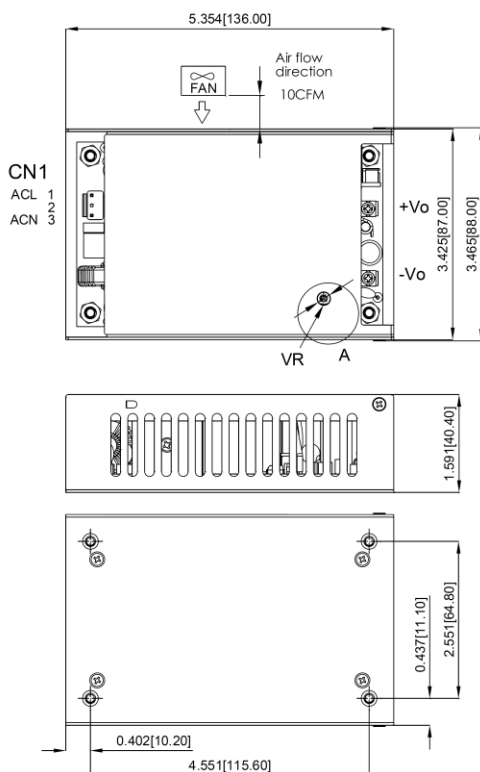
PIN CONNECTION CN1	
Pin	Function
1	ACL
2	-
3	ACN

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

# Model DVC300Sxxx-C (Covered Version)



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