



MODEL		OPS2x3-40-05	OPS2x3-40-12	OPS2x3-40-15	OPS2x3-40-24	OPS2x3-40-48
<b>DIELECTRIC WITHSTAND</b>	TEST VOLTAGE	I/P to Earth: 1500 VAC, I/P to O/P: 4000 VAC, O/P to Earth: 1500 VAC				
<b>RELIABILITY</b>	MTBF	> 650K hrs. as per MIL-HDBK-217F (25°C)				
<b>MECHANICAL</b>	DIMENSION	Overall : 3" x 2" x 1.16" ( L x W x H ) ; Height above PCB: 1"				
	WEIGHT	< 100 gms				
	MOUNTING	Open Frame				

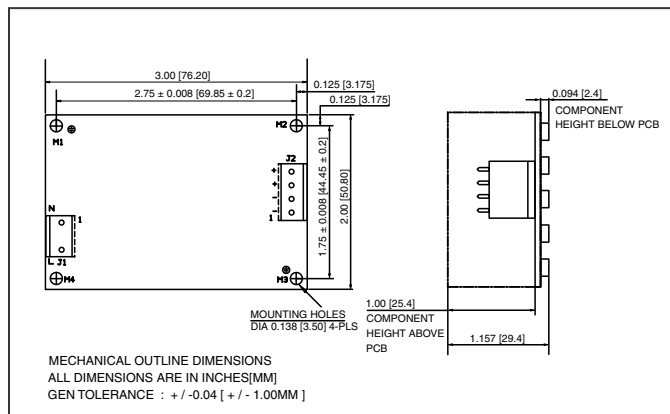
Means of Protection		Category
Primary to Secondary	2 x MOPP ( Means of Patient Protection )	IEC 60601-1 Ed 3
Primary to Earth	1 x MOPP ( Means of Patient Protection )	
Secondary to Earth	1 x MOPP ( Means of Patient Protection )	

### Connectors details

Ref Des	Description	Type	Pin number	Function
J1	Input AC connector	Tyco: 640445-3; Mates with 647402-3; Pin: 3-647409-1	1	AC Neutral
			2	Not connected
			3	AC Line
J2	Output DC connector	Tyco: 640445-4; Mates with 647402-4; Pin: 3-647409-1	1, 2	V1 Negative
			3, 4	V1 Positive
-	Earth*	Mounting holes marked with Earth Symbol	-	Earth

Note: \* All the mounting holes marked with Earth symbol must be Earthed.

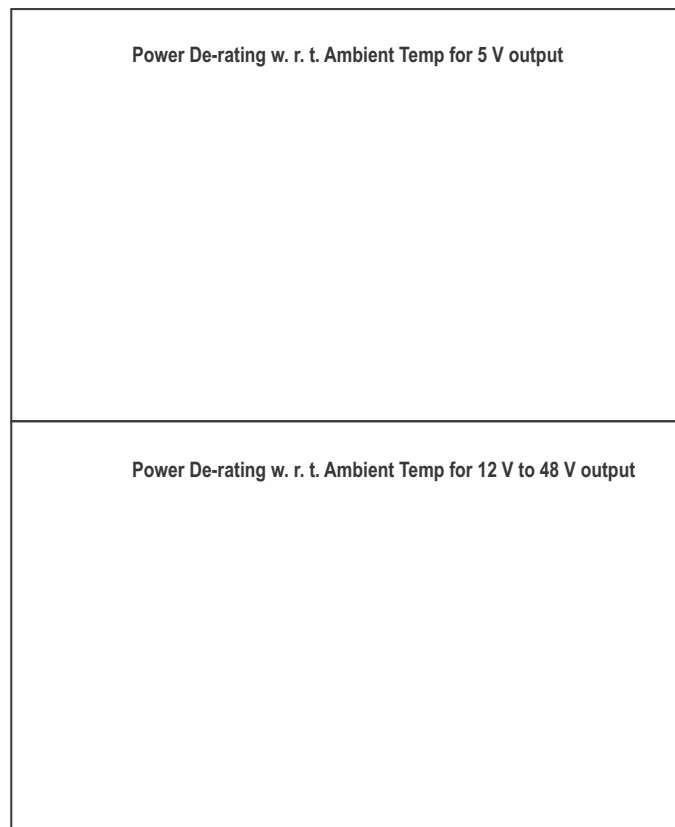
### Mechanical dimensions



#### Note:

1. This open frame power supply should preferably be mounted horizontally on 4 metal stand-offs having diameter not more than 6 mm and height not less than 7 mm.
2. Screws used to fix PCB on stand-offs should not have head diameter more than 6 mm.
3. Washer used should not have diameter more than 6 mm.

### De-rating curve



## Compliance

Applicable EMI/EMC Standards		
Category	Reference Standards	Testing Level
Conducted Emission	CISPR32	CLASS B
Radiated Emission	CISPR32	CLASS A
Electrostatic Discharge	IEC 61000-4-2	Level 4, Criteria A Level 3, Criteria A
Radiated Susceptibility	IEC 61000-4-3	Level 3, Criteria B
Electrical Fast Transient / Burst	IEC 61000-4-4	Level 3, Criteria A
Surge	IEC 61000-4-5	Level 3, Criteria A
Conducted Susceptibility	IEC 61000-4-6	Level 3, Criteria B
Power Frequency Magnetic Field	IEC 61000-4-8	Level 4, Criteria A
Voltage Dips & Interruption	IEC 61000-4-11	Criteria A & B
Safety	Approved to IEC / EN / UL 62368-1; IEC / EN 60601-1; IEC / EN 61558	

## Ordering information

Product Code	Description	Certification
<b>OPS2x3-40-05-A-1-CU</b>	Open Frame Power Supply with 3 x 2 x 1.16" Form factor, 5 V / 5 A, 25 Watts with Convection Cooling	
<b>OPS2x3-40-12-A-1-CU</b>	Open Frame Power Supply with 3 x 2 x 1.16" Form factor, 12 V / 3.34 A, 40 Watts with Convection Cooling	
<b>OPS2x3-40-15-A-1-CU</b>	Open Frame Power Supply with 3 x 2 x 1.16" Form factor, 15 V / 2.67 A, 40 Watts with Convection Cooling	
<b>OPS2x3-40-24-A-1-CU</b>	Open Frame Power Supply with 3 x 2 x 1.16" Form factor, 24 V / 1.67 A, 40 Watts with Convection Cooling	
<b>OPS2x3-40-48-A-1-CU</b>	Open Frame Power Supply with 3 x 2 x 1.16" Form factor, 48 V / 0.84 A, 40 Watts with Convection Cooling	