



PSU072-1000S3X4BBD1A

PSU 72VDC/12A 864W 3x340-550VAC



General information

Description	PSU 72VDC/12A 864W 3x340-550VAC, Output: 72 VDC, 1000 W, Switchmode, 3 phase AC, Input: 400 V, 340-550 VAC, DIN rail, Lowcost high performance		
Voltage Output	72	Output Current	12
PSU power out [W]	864	PSU Efficiency [%]	94.5
Input Voltage	3x340-550VAC		
CE Marked	No		
Approval - ROHS-3	Yes		
			
Approval UL	No		
Weight net [kg]	2.50	Manufacture	JVL
Tariff no			



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Mechanical information

Width [mm]	110	Depth	150
Height [mm]	125.2		
Protection house	IP20		
Box Size units	mm	Box size	20x16x18 cm



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Electrical information

Input Voltage	3x340-550VAC	Input voltage Min-Max	3x340-550VAC
Input AC Current	2A/400VAC, 1.4A/500VAC	Inrush Current	COLD START 60A
Input Voltage Frequency	47-63Hz		
Voltage Output	72	Output Voltage Adj. Range	70-90
Output Voltage Tolerance	+/-1.0%	PSU Output Ripple	
PSU power out [W]	864	No Load Power [W]	
Output Setup Time	1000ms	Output Rise Time	100ms/400VAC 800ms, 100ms/500VAC at full load
Output Load Regulation	+/-1.0%	Output Line Regulation	+/-0.5%
Output Hold Up Time	12ms / 400VAC - 14ms / 500VAC at full load		
PSU max current [A]	12	Output Current Range	0-12
Overvoltage Protection	94-105	Overload Protection	105 ~ 130% rated output power
PSU Efficiency [%]	94.5		
Protection Overload	105 ~ 130% rated output power	Protection Overload Type	Constant current limiting, unit will shut down after 3 sec. ,re-power on to recover
Protection Overvoltage	94-105	Protection Overvoltage Type	Shut down o/p voltage, repower on to recover
Protection Overtemperature	Shut down o/p voltage, recovers automatically after temperature goes down		
Humidity working	20-95% None-Condensing	Humidity Storage	10 ~ 95% RH non-condensing
Temperature ambient [°C]	-30 - +70□ Refer to "Derating Curve"	Temperature storage	-40 - +85□, 10 - 95% RH non-condensing
Vibration	Component: 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes; Mounting: Compliance to IEC60068-2-6		
Safety Standards	UL508 approved, EAC TP TC 004, IEC60950-1 CB approved by SIQ		
Withstand Voltage	I/P-O/P: 3KVAC I/P-FG: 2KVAC O/P-FG: 0.5KVAC O/P-DC OK: 0.5KVAC		
EMC Emission	Compliance to EN55032 CISPR32, EN61204-3 Class B, EN61000-3-2,-3, EAC TP TC 020		
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, EN61000-6-2 EN50082-2, EN61204-3, heavy industry level, criteria A, EAC TP TC 020		
Relay of Contact rating	60Vdc/0.3A, 30Vdc/1A, 30Vac/0.5A resistive load		



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Cable information

Item number	Mount on	Cable con 1 +Con 1 angle	Cable application	Wires no totally	Cable length [m]
Item description		Cable con 2 +Con 2 angle	Cable flexibility	Wire [mm2]	Connector 1 LED