

50W Single Output Industrial DIN Rail Power Supply FSAP-50 Series

●Applications:

Industrial control system
Semi-conductor fabrication equipment
Factory automation
Electro-mechanical

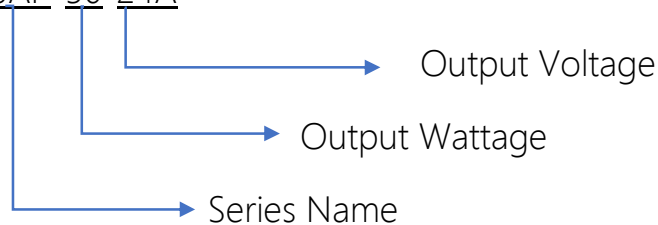


●Features:

Universal AC input/Full range
Protections: Short Circuit/Overload/Over voltage
Cooling by free air convection
Can be installed on DIN rail TS-37/7.5 or 15
UL62368, UL60947 Certification Passed
LED indicator for power on
100% full load burn-in test
3 years warranty

●Model Encoding

FSAP-50-24A



50W Single Output Industrial DIN Rail Power Supply FSAP-50 Series

ITEM		FSAP50-24A	FSAP50-12A	FSAP50-15A
INPUT CHARACTERISTICS				
AC Input Voltage	Rating	100-240VAC		
	Range	90-264VAC		
AC Input Frequency		47-63Hz		
AC Input Current		1A/115VAC, 0.6A/230VAC		
DC Input Voltage		120-370VDC		
Inrush Current(Typ.)		25A @ 115VAC / 50A @ 230VAC, cold start		
Power Factor		N/A		
OUTPUT CHARACTERISTICS				
Output Power		50W		
Output Voltage		24V	12V	48V
Adjust Range		22-28V	10-14V	46-52V
Output Current		2.1A	4.17A	1.04A
Efficiency(230VAC)		85%	83%	85%
Ripple and Noise		1% of Output Voltage		
Leakage Current		3.5mA		
Hold-Up Time		16ms		
Start Up Delay Time		2S		
Voltage Regulation		±1%		
Load Regulation		±1%		
Total Regulation		Line + Load + Temperature + Time: ± 2.5%		
Over Load Protection		105% - 150%, Auto resetting		
Short Circuit Protection		Continuous, Auto resetting		
Over Voltage Protection		29.4~36V	15.6~18V	54.6~65V
Temperature Coefficient		± 0.03%		
Hi-pot		I/P-O/P:3KVAC,I/P-FG:1.5KVAC,O/P-FG:500VAC,1min.		
ENVIRONMENTAL REQUIREMENTS				
Operating Temperature		-10~60°C , 50~60°C, Line Derating to 50% load.		
Storage & Shipping		- 40°C to 85°C		
Operating Humidity		10 - 90% RH, non condensing		
Storage Humidity		5-95% RH, non condensing		
Cooling		Free air cooling		
Shock		IEC 68-2-27		
Vibration		IEC 68-2-6		
SAFETY & EMC REQUIREMENTS				
Safety Approvals		UL62368, UL60947		
CE-Mark Directives		CE marked to EMC / LVD		
EMI Emissions		EN55022 Class B , FCC part15 Class B		
Harmonic Current		Conforms to EN61000-3-2		



EMC Immunity	IEC 61000-4-2,3,4,5,6,8,11
RoHS Compliance	Yes
OTHERS	
MTBF	MIL HDBK 217F, 25 °C, 210,000Hrs
Pollution Standard	EN50178 Class 2
IP Code	IEC 60529 IP 20
Warranty	3 Years
Size (WxDxH)	32mm×102mm×90mm
Weight	230 g

