Altech® DIN Rail Power Supplies AT A GLANCE

Order Catalog
PN- WEB ONLY

Series	Cat. No.	Rated Current 5V	12V	15V	24V	48V	Universal Input	Switch Select Input	Parallel Option	UL 508 Listed	UL 60950-1 Rec.	UL 62368-1 Rec.	EN 60950-1	EN 62368-1	DC OK	Short Circuit	Overload	Over Voltage	Over Temperature	CB
PSC Slimline Version 2 SINGLE PHASE NEW	**SLIMLINE (Replaces PS-Sxx slimline plastic housing)**																			
	PSC-10xx	2A	1.0A	0.67A	0.42A	–									LED/C					
	PSC-20xx	3A	1.67A	1.34A	1	–									LED/C					
	PSC-40xx	7A	3.33A	2.5A	1.7A	0.83A									LED/RC					
	PSC-60xx	10A	5A	4A	2.5A	1.25A									LED/RC					
	PSC-96xx	–	7.5A	6A	4A	2A									LED/RC					
PS Low Profile SINGLE PHASE NEW	**LOW PROFILE (Replaces PS-xx low profile plastic housing)**																			
	PSD-15xx	2A	1.25A	1A	0.63A	0.32A									LED					
	PSD-30xx	3A	2A	2A	1A	0.6A									LED					
	PSD-60xx	4.5A	4.5A	4A	2.5A	1.25A									LED					
	PSD-100xx	–	7.1A	6.13A	3.8A	2.1A									LED					
PSC Ultra Compact SINGLE PHASE NEW	**METAL HOUSING (Replaces PS-Cxx and PS-XX metal housing)**																			
	PSC-75xx	–	6.3A	–	3.2A	1.6A									LED/RC					
	PSC-120xx	–	8.33A	–	5A	2.5A									LED/RC					
	PSC-U120xx	–	10A	–	5A	2.5A									LED					
	PSC-240xx	–	–	–	10A	5A									LED/RC					
	PSC-480xx	–	–	–	20A	10A									LED/RC					
SINGLE PHASE	PSA-60 xx	–	–	–	2A	–														
	PSA-120xx	–	–	–	5A	–									LED/RC					
	PSA-180xx	–	–	–	7.5A	–									LED/RC					
	PSA-360xx	–	–	–	14A	–									LED/RC					
	PSA-600xx	–	–	–	25A	–									LED/RC					
TWO (THREE) PHASE	PSB-120xx	–	–	–	5A	–									LED/RC					
	PSB-180xx	–	–	–	7.5A	–									LED/RC					
	PSB-360xx	–	–	–	14A	–									LED/RC					
	PSB-600xx	–	–	–	25A	–									LED/RC					
PS Compact WIDE VOLTAGE	PSW-120xx	–	10A	–	5A	2.5A									LED/RC					
	PSW-240xx	–	–	–	10A	5A									LED/RC					
	PSW-480Pxx	–	–	–	20A	10A									LED/RC					

Three Phase Input | Special order item / not UL | Wide Range Input | Approved



Low Profile



Ultra-Compact



Slimline

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PSC Slimline

- Universal AC input (90-264V AC)
- Protections: Short Circuit / Overload / Overvoltage
- Installed on DIN rail TS35 / 7.5 or 15
- DC OK relay output
- All wiring 105°C long life electrolytic capacitors
- High operation temperature up to 70°C
- Withstands 2G vibration test
- High efficiency, long life and high reliabilty
- 3 year warranty
- NEC Class 2 compliant
- UL508 (Industrial control equipment) listed



PS Low Profile

- High efficiency
- 100% Full Load Burn-In
- Low Ripple & Noise
- Adjustable DC Voltage Output
- Class II Isolation Level
- UL62368-1 and CAN / CSA C22.2
- Protections: Overload / Over Voltage / Short Circuit
- Three-year Warranty



PSC Ultra Compact

- Universal AC input range (85~264V AC)
- Support 1+1 or N+1 redundant system (suggest to use redundancy modules.)
- Built-in active PFC,PF>0.95
- High efficiency up to 91%
- Built-in current sharing function
- Built-in current limiting circuit
- Output protections: OVP/OLP/SCP/OTP
- Wide operating ambient temp (-25°~70°)
- 150% peak load capacity
- Easy Fuse Tripping due to High Overload Current
- Excellent partial load efficiency
- Built-in DC OK relay contact
- Can be installed on 35 mm DIN rail
- 100% full load burn-in test
- PCB with conformal coating
- Suitable for critical applications
- Ultra-slim, 32mm width
- 3 year warranty



Flex Power Single Phase

- Switch Select input 110V AC / 230V AC
- Support 1+1 or N+1 redundant system
- Support for parallel connection
- Built-in active PFC,PF>0.95
- High efficiency up to 91%
- Output protections: OVP/OLP/SCP/OTP
- Multiple overload settings (Hiccup, manual, continuous)
- Built-in current limiting circuit
- Wide operating ambient temp (-25°~70°)
- 150% peak load capacity up to 3 minutes
- Easy fuse tripping due to high overload current
- Excellent partial load efficiency
- Built-in DC OK relay contact
- Suitable for critical applications
- 3 year warranty



Flex Power Two (Three) Phase

- Switch Select input 230V AC / 400V AC / 500V AC
- Support 1+1 or N+1 redundant system
- Built-in active PFC,PF>0.95
- High efficiency up to 91%
- Built-in current sharing function
- Built-in current limiting circuit
- Output protections: OVP/OLP/SCP/OTP
- Wide operating ambient temp (-25°~70°)
- 150% peak load capacity up to 3 minutes
- Easy Fuse Tripping due to High Overload Current
- Excellent partial load efficiency
- Built-in DC OK relay contact
- Suitable for critical applications
- Slim construction
- 3 year warranty



PS Compact Wide Voltage

- Universal AC input / Full range
- Single phase or Three phase
- Built in active PFC function
- Protections:
  Short circuit /Overload/Overvoltage/Over temperature
- Cooling by free air convection
- DIN rail mountable
- UL 508 (industrial control equipment) approved
- LED indicator for power on
- 100% full load burn-in test
- 3 year warranty

ADVANTAGES

- Design is based on semi-resonant switching power supply technology
- High efficiency up to 93% and dynamic output power
- Compact size and cost-effective, perfect choice for electronic loads, motor loads, PLCs, sensors, resistive, inductive and capacitive loads.
- One single unit covers most input voltage options.
- High reliability and durability: MTBF values up to 500.000 hours
- Conformal coated PCB
- 3 year warranty

APPLICATIONS

- Industrial equipment
- Telecommunication
- Electronics and energy
- Aerospace / deffense
- Medical devices
- Research and development
- Security systems

COMPETITORS

ABB
Delta
Eaton
Emerson
Omron
Phoenix Contact
Puls
Schneider Electric
Siemens