

## Power Supply | DIN Pro

DIN rail-mounted power supplies for advanced automation systems 120–960 W | 12/24/48 V | Efficiency up to 95.5% | AC/DC input | Power Boost 150%

Article:	DIN Pro
Brand:	Delta Electronics
Input voltage AC:	85-277V (305V available for 60s)
Input voltage DC:	100-400V
Output current:	2.5A   5A   10A   20A   40A
Effect:	120W   240W   480W   960W
Connection:	Screw connection



### Description

Power Supply | DIN Pro is a series of high-performance DIN-rail mounted power supplies developed for advanced automation systems and demanding industrial environments. The series combines compact design, high power density, and robust operation for installation in modern control cabinets and enclosures.

The power supplies have a wide AC input range of 85–277 Vac and also support DC input of 100–400 Vdc. The series can handle temporary overvoltages up to 305 Vac for 60 seconds and is designed for stable operation even under varying grid conditions and sensitive industrial applications.

DIN Pro offers a Power Boost of up to 150% for 5 seconds to handle inductive and capacitive loads at startup. The high efficiency reduces energy losses and heat development in the control cabinet, while the compact design saves space on the DIN rail.

For use in harsh environments, the electronics are protected with conformal coating on the circuit boards. The series can operate at temperatures from -40°C to +80°C and delivers full power up to +60°C.

The built-in DC OK relay, LED indication, and remote ON/OFF function make DIN Pro easy to integrate into higher-level control systems and industrial automation solutions.

The series meets several international safety and EMC standards for industrial installations, including IEC/EN/UL 62368, IEC/UL 61010, and IEC 61558. DIN Pro also meets IEC 61000-4-6 CS 20V rms for high immunity in interference-prone environments and is CB certified for global use.

Available in several power classes from 120 W up to 960 W with output voltages of 12 V, 24 V, and 48 V for flexible integration into industrial control systems and automation solutions.

### Properties

- DIN-rail mounted power supply for advanced automation systems
- AC input range 85–277 Vac



## Article number

Art.No	Description	Input Voltage Range	Output voltage	Output Current	Capacity	Width mm	Height mm	Depth mm	Unit	Saint Francis
DRF-12V120W1PBA	Power Supply   DIN Pro	85-277V AC   100-400V DC*	12V	10A	120W	30	124	117	st	1
DRF-12V240W1PBA	Power Supply   DIN Pro	85-277V AC   100-400V DC*	12V	20A	240W	40	124	117	st	1
DRF-24V120W1PBA	Power Supply   DIN Pro	85-277V AC   100-400V DC*	24V	5A	120W	30	124	117	st	1
DRF-24V240W1PBA	Power Supply   DIN Pro	85-277V AC   100-400V DC*	24V	10A	240W	40	124	117	st	1
DRF-24V480W1PBA	Power Supply   DIN Pro	85-277V AC   100-400V DC*	24V	20A	480W	56	124	117	st	1
DRF-24V960W1PBA	Power Supply   DIN Pro	85-277V AC   100-400V DC*	24V	40A	960W	105	124	138	st	1
DRF-48V120W1PBA	Power Supply   DIN Pro	85-277V AC   100-400V DC*	48V	2.5A	120W	30	124	117	st	1
DRF-48V240W1PBA	Power Supply   DIN Pro	85-277V AC   100-400V DC*	48V	5A	240W	40	124	117	st	1
DRF-48V480W1PBA	Power Supply   DIN Pro	85-277V AC   100-400V DC*	48V	10A	480W	56	124	117	st	1
DRF-48V960W1PBA	Power Supply   DIN Pro	85-277V AC   100-400V DC*	48V	20A	960W	105	124	137	st	1