TRE*TEC*

2406N | 2412N | 2424N | 2448N

J. Schneider Elektrotechnik

The new generation of switch mode power supplies

At at glance

- efficiency up to 95%
- 150% Power Boost for 5 seconds
- Metal housing with optimal EMC features
- Parallel mode for power increase
- Alarm contact for over voltage, short-circuit and over temperature
- Status LED-display

also available three-phase

www.j-schneider.de

Further product information:

http://www.j-schneider.de/usv-stromversorgungen/stromversorgungen/

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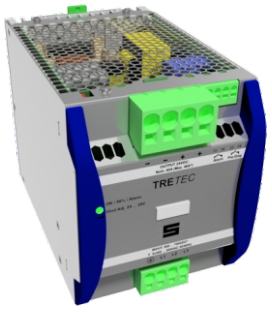
Product overview

Primary switched power supplies

J. Schneider Elektrotechnik



Three-phase, primary switched short-ciruit-proof Power Boost 150%	TRE*TEC* 2406N	TRE*TEC* 2412N	TRE*TEC* 2424N	TRE*TEC* 2448N
Current				
Peak current 100% duty cycle	**6 A**	**12 A**	**24 A**	**48 A**
Nominal current	5 A	10 A	20 A	40 A
Input				
Input voltage range	3 x 324...572 V AC / 450...745 V DC			/ 480...745 V DC
Input current	0,45 A at 3 x 360 V AC	0,75 A at 3 x 360 V AC	1,3 A at 3 x 360 V AC	2,3 A at 3 x 360 V AC
Output				
Output voltage	adjustable…24…28 V DC			
Power Boost	150 % for 5 seconds			
Protective system	short-circuit and overload protection (output)			
General Data				
MTBF	> 1.000.000 h			
Back-up mains failure	> 25 ms at 3 x 360 V AC			
Status display	LED green / red			
Standards	EN 60950-1, EN 61204-3, EN 55011 B, EN 61000-3-2			
Temperature range	-25 ... +70 °C with derating ; +60°C nominal current ; +45°C peak current			
Installation	DIN-rail mountable TH35 (EN60715)			
Dimensions (H x W x D)	123x50x143 mm	123x65x143 mm	123x65x167 mm	138x109x182 mm
Miscellaneous	alarm contact for short-circuit, overload and overtemperature			
Approvals	UL			

TRE*TEC* N Product advantages

High reliability

The extremely high MTBF value of about 1.000.000 hours shows the reliability of the **TRE***TEC* N. It is achieved by using high-quality parts, a modern and slim circuit design as well as processor controlled electronics.

High efficiency

The high efficiency of up to 95% results from minimum losses. Thus operational costs are reduced. Furthermore neighboring components are protected as well as the device itself because of low waste heat. Smaller and more compact cabinets can be designed.

Wide input voltage range

Because of its wide input voltage range of von 3 x 324...572 V AC / 450...745 V DC the devices are perfectly suited for global use.

2-Phase-operation

If one phase fails, the **TRE***TEC* N can be operated permanently with two phases.