

WÖHRL®

Stromversorgungssysteme

THREE-PHASE HIGH END SWITCHED-MODE POWER SUPPLIES - MAXIMUM POWER FOR INDUSTRY

The new Wöhrl POWER-TEC switched-mode power supplies have been developed for industrial applications and offer excellent efficiency of up to 96.9 %. They compensate for voltage pulses up to 6 kV and are reverse voltage resistant up to 35 V DC at 24 V nominal voltage, which means they work

reliably even in harsh environments. An integrated power boost circuit enables 150 % rated power for 5 seconds, ideal for applications with DC motors. Thanks to the tool-free push-in terminals at a 25-degree angle, installation is quick and easy, even where space is limited.

PRODUCT HIGHLIGHTS

- ▶ **POWER BOOST
150 % FOR 5 SEC.**
- ▶ **PUSH-IN TERMINALS
TOOL-FREE CONNECTION**
- ▶ **SERVICE LIFE
EXPECTANCY
80.000 HOURS/40 °C**
- ▶ **COLD START
-40 °C**
- ▶ **SLIM-LINE DESIGN**
- ▶ **MADE IN EUROPE**



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Three-phase switched-mode power supplies for control cabinet installation

The POWER-TEC power supply units support a wide input voltage range of 3 x 320-575 V AC or 450-815 V DC, making them extremely versatile. They offer cold start capability down to -40 °C and feature active inrush current limiting to maximize operational safety. The DC OK and LED indicators ensure easy status monitoring and the slim design enables compact installation without additional spacing. The devices are also equipped with a relay contact. With a service life of 80,000 hours and robust protection against voltage peaks, they are perfect for industrial automation, renewable energies and demanding measurement and testing technology.

Technical Data

Product series	POWER-TEC series		
Product name	POWER-TEC 2410	POWER-TEC 2420	POWER-TEC 2440
Input voltage 3AC	320-575 V		
Output voltage DC	24 V		
Output voltage range DC	24-28 V		
Rated current	10 A	20 A	40 A
Power-level meter	-	✓	✓
Dimensions (in mm)			
W	43	52	80
H	135	135	135
T	140	155.7	155.7
Product name	POWER-TEC 4810	POWER-TEC 4820	
Input voltage 3AC	320-575 V		
Output voltage DC	48 V		
Output voltage range DC	48-56 V		
Rated current	10 A	20 A	
Power-level meter	✓	✓	
Dimensions (in mm)			
W	52	80	
H	135	135	
T	155.7	155.7	

Subject to change without notice

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