

WÖHRLE®

Stromversorgungssysteme



SIMPLY BETTER

The EF series

from Wöhrlé

Product description

The new three-phase switched-mode power supplies from Wöhrlé were developed to the highest standards to ensure reliability and efficiency in the application. Particular value was placed on durability and a high level of protection against failure to save servicing costs. The high efficiency also reduces the power consumption and at the same time optimises the efficiency of the systems. As a consequence, these switched-mode power supplies are very economical in relation to increasing energy costs. Furthermore, the units are designed for continuous operation and can be used universally for all industrial applications.

PRODUCT HIGHLIGHTS

- ▶ High-end technology
- ▶ Output voltage 24 V DC
- ▶ Spring-loaded terminals
- ▶ Slim-line design
- ▶ DC relay contact



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Single-phase switched-mode power supply units for control cabinet installation

Product series	EF-Serie		
Product identifier	<i>EF2405</i>	<i>EF2410</i>	<i>EF2420</i>
Input voltage range AC	90-264 V		
Input voltage range DC	127-375 V		
Input current @115 V AC	1.2 A	2.5 A	4.7 A
Input current @230 V AC	0.6 A	1.3 A	2.4 A
Rated output voltage DC	24 V		
Adjustment range of output voltage DC	24-28 V		
Rated output current	5 A	10 A	20 A
Rated power	max. 120 W	max. 240 W	max. 480 W
Temperature range	-30 to +70 °C		
Derating	from 60 °C -2,5 % / K		
Protective circuit	Thermal/overload		
DC OK	LED display		
Relay contact	✓	✓	✓
Efficiency (typ.)	93.5 %	94.5 %	95 %
Dimensions (in mm)			
W	30	40	56
H	123.6	123.6	123.6
D	116.8	116.8	116.8
Weight (in kg)	0.5	0.64	0.88

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These close-ups show the spring-loaded terminal connections of the switching power supply. The spring-loaded terminals, which ensure a secure and vibration-resistant connection, are clearly visible. The operating levers allow the wires to be installed easily and without tools, ensuring a reliable electrical connection. This type of connection has been specially designed to ensure simple, quick and tool-free replacement of the connection cables. The electrical energy (voltage/current) with locked spring-cage terminals is thus transmitted safely and efficiently.