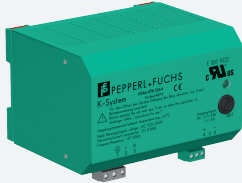


# Power Supply

## KFA6-STR-1.24.4



- 115/230 V AC supply
- Output 24 V DC, 4 A
- Fused output
- Power Rail connection



### Function

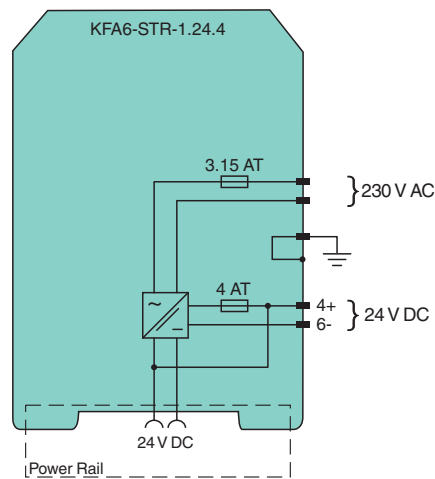
This regulated power supply provides 24 V DC, at 4 A. It features removable terminals, LED fault indication, and mounts directly on the Power Rail. Designed with a replaceable fuse and LED, it will provide a green visual indication for normal operation or a flashing red indication if a fault occurs.

**Attention:** Ignoring the safety instructions (i. e., touching hot sections when the device is open, handling malpractices) can be extremely dangerous.

When exceeding the values stated in the technical data, there is a danger of overheating. As a result, the operation of the power supply and its electrical safety may be impaired.

Before starting installation or service, switch mains off. Do not plug or unplug powered!

### Connection



### Technical Data

Supply	
Connection	terminals 1 (PE), 2 (L1), 3 (N)
Rated voltage	$U_r$ 92 ... 265 V AC , 47 ... 63 Hz
Rated current	$I_r$ 2.1 ... 0.84 A
Fusing	back-up fuse : B characteristic: 16 A B characteristic: 10 A C characteristic: 6 A
Failure override time	> 75 ms / 230 V AC ; 5 ms / 115 V AC
Output	

Release date: 2021-12-20 Date of issue: 2021-12-20 Filename: 054270\_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0002  
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222  
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
pa-info@sg.pepperl-fuchs.com



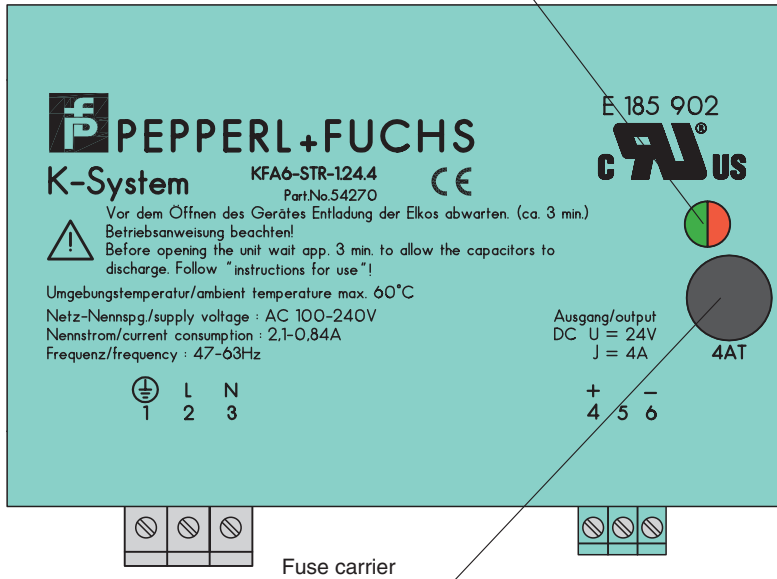
## Technical Data

Connection	terminals 4+, 6-
Current	0 ... 4 A , Power Rail limiting by means of fuse 4 AT , electron. limitation typ. 4.6 A
Output rated operating current	max. 4 A
Output voltage	24 V DC
Ripple	< 100 mV <sub>SS</sub>
Efficiency	typ. 87 %
Voltage limitation	< 28 V DC
<b>Galvanic isolation</b>	
Power supply/Output	for 253 V AC design insulation voltage
<b>Indicators/settings</b>	
Display elements	LED
Labeling	space for labeling at the front
<b>Directive conformity</b>	
Electromagnetic compatibility	
Directive 2014/30/EU	EN 55011:2009+A1:2010 , EN 61000-3-2:2014 , EN 61000-3-3:2013 , EN 61000-6-1:2007 , EN 61000-6-2:2005 , EN 61000-6-3:2007+A1:2011 , EN 61000-6-4:2007+A1:2011
Low voltage	
Directive 2014/35/EU	EN 61010-1:2010
<b>Conformity</b>	
Degree of protection	IEC 60529:2001
<b>Ambient conditions</b>	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
<b>Mechanical specifications</b>	
Degree of protection	IP20
Connection	self-opening connection terminals
Core cross section	max. 2 x 2.5 mm <sup>2</sup>
Mass	approx. 800 g
Dimensions	140 x 101 x 114 mm (5.5 x 4.0 x 4.5 inch) (W x H x D)
Mounting	on 35 mm DIN mounting rail acc. to EN 60715:2001
<b>General information</b>	
Supplementary information	Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> .


**Assembly**

Front view

LED green indicates output voltage,  
flashing red indicates a fault exists



**Matching System Components**

	<p><b>K-DUCT-GY</b></p>	<p>Profile rail, wiring comb field side, gray</p>
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