

Power Supply

KFA6-STR-1.24.4



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

Electric power supply; removable terminals; supply voltage 92 V ... 265 V AC; output voltage 24 V DC, 4 A; suitable for Power Rail supply

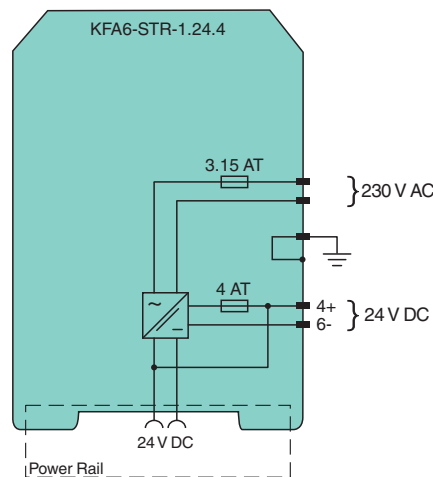


Function

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	

Release date: 2023-02-14 Date of issue: 2023-02-14 Filename: 054270_eng.pdf

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

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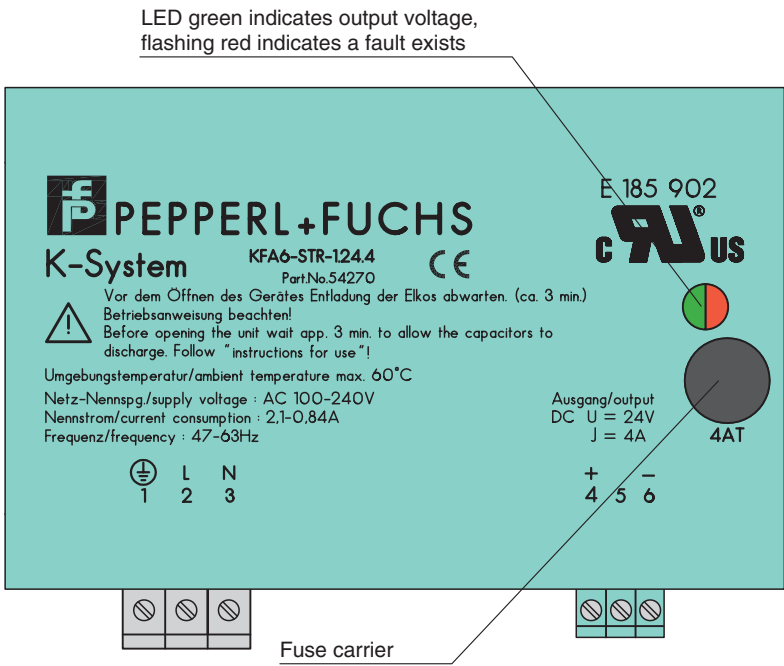
 **PEPPERL+FUCHS**

Technical Data


Output		
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 _{ss}
Efficiency		typ. 87 %
Voltage limitation		< 28 V DC
Galvanic isolation		
Power supply/Output		for 253 V AC design insulation voltage
Indicators/settings		
Display elements		LED
Labeling		space for labeling at the front
Directive conformity		
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
Conformity		
Degree of protection		IEC 60529:2001
Ambient conditions		
Ambient temperature		-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications		
Degree of protection		IP20
Connection		self-opening connection terminals
Core cross section		max. 2 x 2.5 mm ²
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
General information		
Supplementary information		Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see www.pepperl-fuchs.com .

Assembly

Front view



Matching System Components

	K-DUCT-GY	Profile rail, wiring comb field side, gray
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