

Features

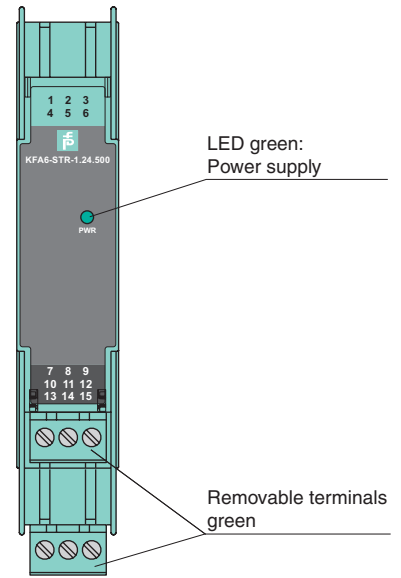
- 115/230 V AC supply
- Output 24 V DC, 500 mA
- Electronic short circuit protection
- Power Rail connection

Function

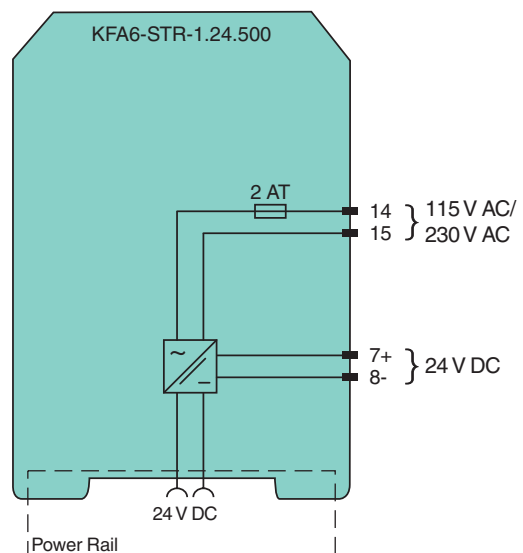
This regulated power supply provides 24 V DC, at 500 mA. The KFA6-STR-1.24.500 features removable terminals and mounts directly on the Power Rail. This allows usage as Power Rail supply as well as stand alone power supply.

Assembly

Front view



Connection



Release date 2017-08-31 10:00 Date of issue 2017-09-04 046544_eng.xml

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

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Supply		
Connection		terminals 14, 15
Rated voltage	U_r	90 ... 253 V AC , 48 ... 63 Hz
Fusing		back-up fuse : B characteristic: 16 A B characteristic: 10 A B characteristic: 6 A
Power dissipation		2.5 W
Output		
Connection		Power Rail or terminals 7+, 8-
Current		500 mA at 60 °C (140 °F) , permanent short-circuit protection (electronic)
Output rated operating current		≤ 500 mA
Output voltage		24 V DC
Galvanic isolation		
Power supply/Output		safe isolation acc. to DIN VDE 0106, rated insulation voltage 253 V _{eff}
Indicators/settings		
Display elements		LED
Labeling		space for labeling at the front
Directive conformity		
Electromagnetic compatibility		
Directive 2014/30/EU		EN 55022:2010 , EN 61000-4-2:2009 , EN 61000-4-3:2006+A1:2008 , EN 61000-4-4:2012 , EN 61000-4-5:2014 , EN 61000-4-6:2014 , EN 61000-4-11:2004 , EN 61000-6-2:2005+AC:2005 , EN 61000-6-3:2007+A1:2011
Low voltage		
Directive 2014/35/EU		EN 60950-1:2006+A1:2010+A2:2013
Conformity		
Insulation coordination		EN 50178
Galvanic isolation		EN 50178
Degree of protection		IEC 60529
Ambient conditions		
Ambient temperature		-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications		
Degree of protection		IP20
Connection		screw terminals
Mass		approx. 140 g
Dimensions		20 x 119 x 115 mm (0.8 x 4.7 x 4.5 inch) , housing type B2
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 .