

Features

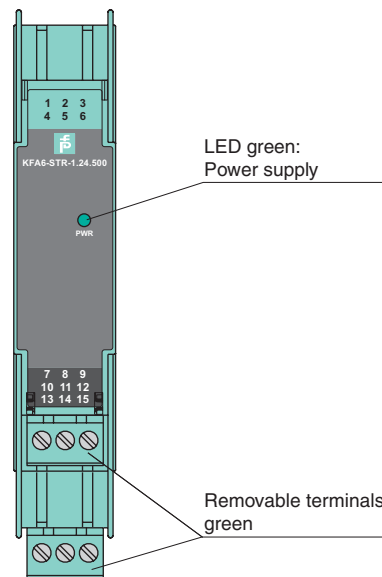
- 115/230 V AC supply
- Output 24 V DC, 500 mA
- Electronic short circuit protection
- Power Rail connection

Function

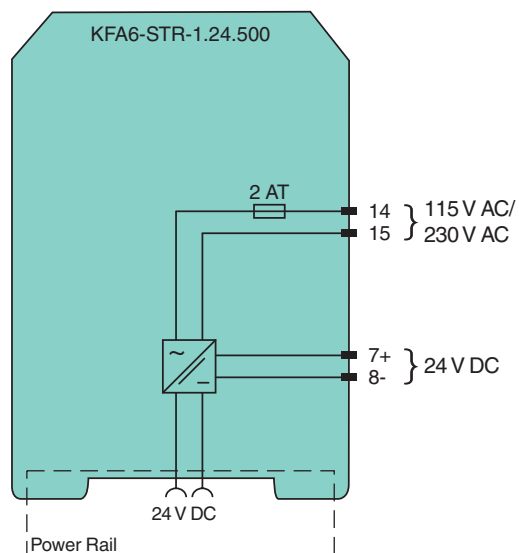
This regulated power supply provides 24 V DC, at 500 mA. The KFA6-STR-1.24.500 features removable terminals and mounts directly on the Power Rail. This allows usage as Power Rail supply as well as stand alone power supply.

Assembly

Front view



Connection



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

| | |
|---|--|
| 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 . |



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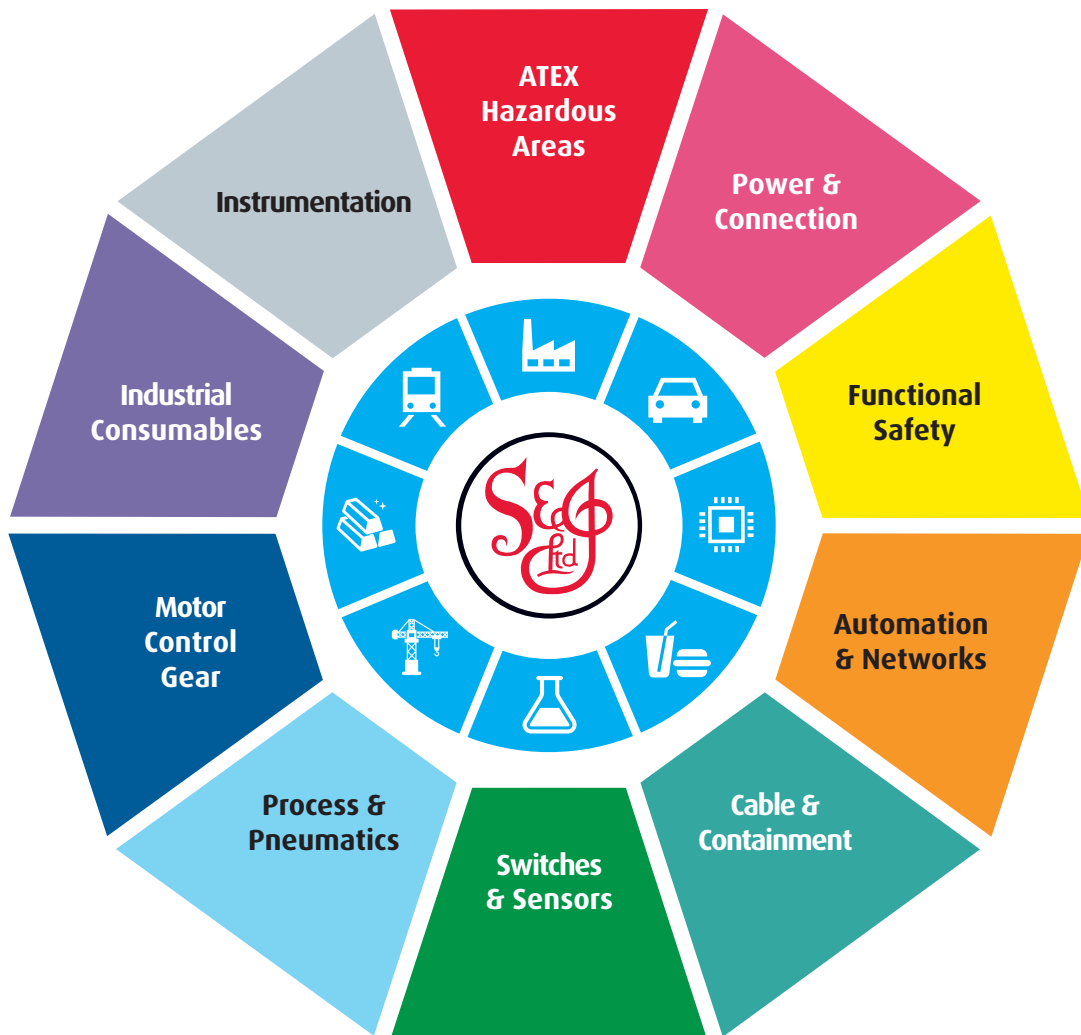
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