

Power Supply



Model Number
KFA6-STR-1.24.4

- Circuit power supply
- 120/240 VAC supply voltage
- 24 VDC, 4A output

This 24 VDC, 4A power supply features removable terminals, LED fault indication and mounts on the P+F Power Rail. The LED appears green under normal operating conditions but flashes red if a fault occurs.

Technical Data

Power Supply	Terminals 1 (PE), 2 (L1), 3 (N)
Nominal voltage	92-265 VAC; 47-63 Hz
Nominal current	1.2 A at 230 VAC
Contact load AC	≥ 0.6 (0.5 capacitive)
Fault override period	> 75 ms / 240 VAC ; > 5 ms / 115 VAC

Output	Terminals 4+, 6-
Nominal voltage	23.28-24.72 VDC
Nominal current	4 A
Ripple W_{SS}	< 100 mV
Current limit	typically 4.6 A
Fuse	typically 87%
Voltage surge protection	< 28 VDC
Fuse	4 AT

Electromagnetic Compatibility	per EN 50 081-2/EN 50 082-2
Isolated coordinates	per DIN EN 50 178
Galvanic isolation	per DIN EN 50 178
Environmental conditions	per DIN IEC 72

Mechanical	
Housing Material	Mild Steel
Dimensions (mm)	99 x 140 x 105
Weight	900 g (28.2 oz.)

Ambient Temperature	-20°C to +60°C (-4°F to +140°F)
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Connection Diagram

