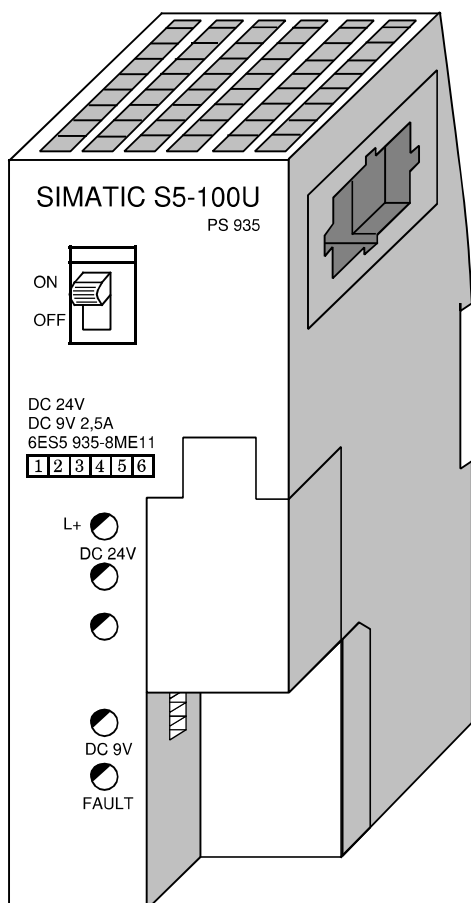


Power Supply Module PS 935 (not with CPU 100)

(6ES5 935-8ME11)



Technical Specifications

Number of inputs (only internal)	2x4 bits
Input voltage	24 V DC
- rated value	dyn. 18.5 to 30.2 V DC
- permissible range	stat. 20.4 to 28.8 V DC
- Polarity reversal protection	yes
Radio interference level	A to VDE 0871
Input current at 24 V DC	
- rated value	1.25 A
- inrush current limitation	15 times rated current
- efficiency	approx. 75%
Power input	approx. 30 W
Output voltage	
- rated value	9 V DC
- permissible range	8.55 to 9.45 V
- open-circuit voltage	yes
Output current	
- rated value	2.5 A
- permissible range	0.0 to 2.5 A
- overload recognition	2.5 to 2.7 A
Buffering during mains voltage dips	
- duration of voltage dips	20 ms at 20.4 V/2.5 A
- repeat rate	1 s
Short-circuit protection (output side)	yes electronic switch-off, non-retentive
Diagnostics	yes (24 V DC input voltage, 9 V output voltage)
Fault indication	yes
Class of protection	Class 1
Galvanic isolation	no
Conductor cross-section	
- stranded*	2x0.5 to 1.5 mm ²
- solid	2x0.5 to 2.5 mm ²
Dimensions	
WxHxD mm	45.4x135x120
in.	1.8x5.3x4.7
Power loss of the module	typ. 7.5 W
Weight	approx. 500 g (1.1 lbs)

* with core end sleeve

