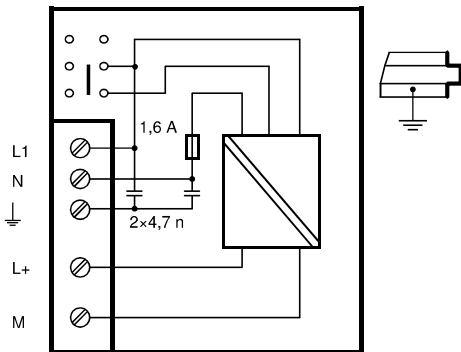
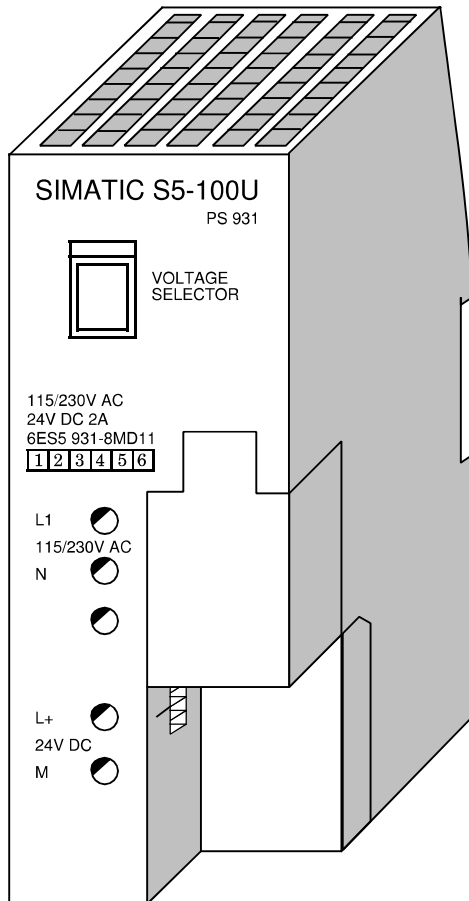


Power Supply Module PS 931 115/230 V AC; 24 V DC/2 A

(6ES5 931-8MD11)



Technical specifications

Input voltage		115/230 V AC
- rated value		92 to 132 V/
- permiss. range		187 to 264 V
Line frequency		50/60 Hz
- rated value		47 to 63 Hz
- permiss. range		
Input current at 115/230 V		
- rated value		0.9/0.6 A
Efficiency	approx.	85%
Power consumption	approx.	60 W
Output voltage		24 V DC
- rated value		22.8 to 25.2 V
- permiss. range		yes
- open-circuit voltage		
Output current		2 A
- rated value		
Permiss. ambient temperature of PLC		
- horizontal arrangement		0 to 60 °C (32 to 140 °F)
- vertical arrangement		0 to 40 °C (32 to 104 °F)
Buffering of line voltage dips		
- duration of voltage dips		20 ms at 187 V/2 A
- repetition rate		1 s
Short-circuit protection		power limiting, electronic cutoff, non-latching
Fault LED		no
Protection class		class 1
Galvanic isolation		yes
Conductor cross-sectional area		
- stranded *		2x0.5 to 1.5 mm ²
- solid		2x0.5 to 2.5 mm ²
Insulation rating		VDE 0160 and VDE 0805 (transformer)
Rated insulation voltage (+24 V to L1)		250 V AC
- insulation group		2xB
- tested with		2830 V AC
Dimensions		
W×H×D in mm		45.4×135×120
in.		1.8 x 5.3 x 4.7
Power loss of the module	typ.	8.5 W
Weight	approx.	500 g (1.1 lbs.)

* with core end sleeves