

► General data



Power supply unit, secondary switched-mode, input 120 V AC, output 12-28 V DC/250 mA, default 24 V DC

Order number	2940621
Type	EG 45-PS-120AC/24DC/250

Barcode number	4017918080181
Unit pack	1 Pcs.
Customs tariff	85044094000

► Technical data

Input data

Nominal input voltage	120 V AC
Frequency range	50 Hz ... 60 Hz
Current consumption	Approx. 125 mA
Nominal power consumption	Approx. 15 VA
Power failure bypass	35 ms
Input fuse	Slow-blow (TR 5) (Internal, solderable)

Output data

Nominal output voltage	12 V DC $\pm 2\%$ (Can be set up to 28 V DC. Default 24 V DC $\pm 4\%$)
Output current	250 mA
Residual ripple	< 100 mV _{ss}
Name of protection	Electronic disconnect at 1.3 x I _N
Protective circuit/component	Varistor

General data

Width	45 mm
Height	107 mm
Depth	77 mm
Weight	539 g
Operating mode	100% operating factor
Test voltage input/output	4 kV AC
Degree of protection	IP 20
Ambient temperature (operation)	0 °C ... 60 °C
Installation position	On horizontal DIN rail
Assembly instructions	Can be aligned with spacing = 10 mm
Standards/regulations	prEN 50 178/DIN EN 50 178/VDE 0160
Standards/regulations	DIN VDE 0106-101:1986-11
Standards/regulations	DIN VDE 0551

Connection data, input

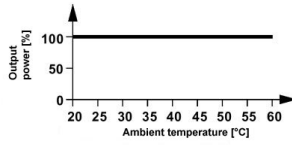
Screw thread	M 3
Stripping length	8 mm
Type of connection	Pluggable COMBICON screw terminal block
Min. conductor cross section AWG/kcmil	24
Conductor cross section AWG/kcmil max	14
Min. conductor cross section, rigid	0.2 mm ²
Conductor cross section, rigid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Max. conductor cross section, flexible	2.5 mm ²

Connection data, output

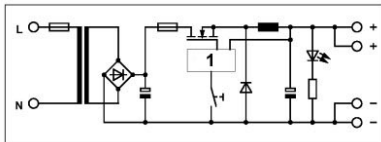
Stripping length	8 mm
Type of connection	Pluggable COMBICON screw terminal block
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▶ Drawings

Diagram



Circuit diagram



► Address

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