

## ► General data



Power supply unit with fixed-voltage regulator, input 120 V AC, output 12 V DC/1 A

Order number	2943372
Type	CM 62-PS-120AC/12DC/1

Barcode number	4017918081058
Unit pack	1 Pcs.
Customs tariff	85044094000

## ► Technical data

### Input data

Nominal input voltage	120 V AC
Frequency range	50 Hz ... 60 Hz
Nominal power consumption	Approx. 30 VA
Input fuse	IEC 127-2/EN 60 127-2

**Output data**

Nominal output voltage	12 V DC $\pm$ 4%
Output current	1 A
Residual ripple	< 40 V
Output fuse	IEC 127-2/EN 60 127-2
Protective circuit/component	Damping diode, varistor

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**General data**

Width	62.5 mm
Height	139 mm
Depth	75 mm
Weight	1 kg
Operating voltage display	LED
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, venting slits above and below
Assembly instructions	Can be aligned with spacing = 10 mm
Standards/regulations	IEC 664/IEC 664A/DIN VDE 0110-1:1989-01
Standards/regulations	DIN VDE 0551, UL 1012, UL 1950

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**Connection data, input**

Screw thread	M 2,5
Stripping length	8 mm
Type of connection	Screw connection
Min. conductor cross section AWG/kcmil	24
Conductor cross section AWG/kcmil max	14
Min. conductor cross section, rigid	0.2 mm <sup>2</sup>
Conductor cross section, rigid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Max. conductor cross section, flexible	2.5 mm <sup>2</sup>

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**Connection data, output**

Stripping length	8 mm
Type of connection	Screw connection
Min. conductor cross section AWG/kcmil	24
Conductor cross section AWG/kcmil max	14
Min. conductor cross section, rigid	0.2 mm <sup>2</sup>
Conductor cross section, rigid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Max. conductor cross section, flexible	2.5 mm <sup>2</sup>

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## ► Certificates

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### CSA

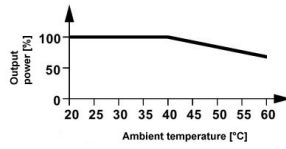
Comments	Output
Nominal voltage $U_N$	12 V
Nominal current $I_N$	1 A
AWG/kcmil	24-12

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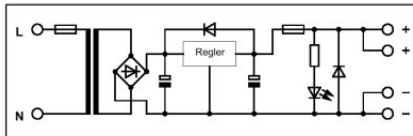
## ▶ Drawings

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### Diagram



### Circuit diagram



### Approval logo



## ▶ Accessories

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Item	Designation	Description
<b>Marking</b>		
2947035	EMG-GKS 12	Equipment marker, width 12 mm
2947585	EMG-SGKS 10	Equipment marker, narrow

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## ► Address

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