

## ► General data



Power supply unit, common-mode, input 120 V AC, output 24 V DC/2 A

Order number	2941248
Type	CM 90-PS-120AC/24DC/2

Barcode number	4017918080341
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. 80 VA
Input fuse	Slow-blow

**Output data**

Nominal output voltage	24 V DC $\pm 1\%$
Output current	2 A
Residual ripple	60 mVss
Output fuse	IEC 127-2/EN 60 127-2
Protective circuit/component	Damping diode, varistor

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**General data**

Width	90 mm
Height	146 mm
Depth	75 mm
Weight	2.5 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)	-20 °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 $U_N$	24 V
Nominal current $I_N$	2 A
AWG/kcmil	24-12

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### UL

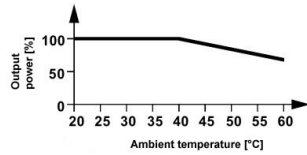
Nominal voltage $U_N$	24 V
Nominal current $I_N$	2 A
AWG/kcmil	24-12

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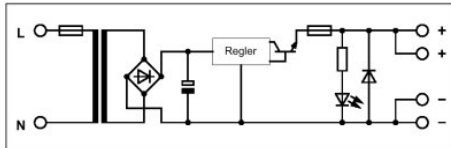
## ▸ Drawings

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### Diagram



### Circuit diagram



### Approval logo



## ► Address

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