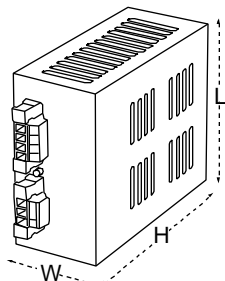


DC-DC Converters



CP-DCDC 50W
12 Vdc Input

CP-DCDC 50W
24 Vdc Input



Approvals:



Ordering data

Output voltage/max. current

Ordering data

Input voltage

Minimum

Typical

Maximum

Input Current

5Vdc@8A

12Vdc@3A

15Vdc@3A

24Vdc@2A

Input protection

Fuse

Switching frequency

Efficiency at Maximum load

Maximum ripple

Overload protection

Max. capacity at output

Hold time

5Vdc@8A

12Vdc@3A

15Vdc@3A

24Vdc@2A

Storage temperature

Operating temperature

Humidity

Operating temperature

Storage temperature

Galvanic isolation

Input to output

Input/output to rail

Input to ground

Output to ground

Wire size

Dimensions (L x W x H)

Weight

Mounts on mounting rail

Type **Part No.**

CP-DCDC 50 W

22 - 24 Vdc at 2A **9919371224**

15 Vdc at 3 A **9919371215**

12 Vdc at 3 A **9919371212**

5 Vdc at 8 A **9919371205**

12 Vdc

9 Vdc

12 Vdc

16 Vdc

4.53A

3.88A

4.7A

4.96A

internal

200 kHz

80% (75% 5Vdc@8A)

0.2% RMS

Overvoltage switch-off with automatic reset

10000 uF (8000uF 5Vdc@8A)

2.5mS

3.8mS

3.5mS

3.5mS

-40 °C...+85 °C

0 °C...+40 °C full rated load

20 - 85% RH

20 - 90% RH non-condensing

500 Vac RMS

4 KV RMS

500 Vac RMS

500 Vac RMS

26...12 AWG (0.1...4.0 mm²)

98 x 57 x 131 mm (3.86 x 2.24 x 5.16 in.)

417 g (0.92 lbs.)

TS 35

CSA, UL, CE

CSA Class 1 Div 2

Accessories

Chassis Mounting Kit

Part No.

7920560000

Type **Part No.**

CP-DCDC 50W

22-24 Vdc at 2 A **9919372424**

15 Vdc at 3 A **9919372415**

12 Vdc at 3 A **9919372412**

5 Vdc at 8 A **9919372405**

24 Vdc

18 Vdc

24 Vdc

30 Vdc

2.3A

1.93A

2.37A

2.49A

internal

200 kHz

80% (75% 5Vdc@8A)

0.2% RMS

Overvoltage switch-off with automatic reset

8000uF

7.8mS

10mS

7mS

7mS

-40 °C...+85 °C

0 °C...+40 °C full rated load

20 - 85% RH

20 - 90% RH non-condensing

500 Vac RMS

4 KV RMS

500 Vac RMS

500 Vac RMS

26...12 AWG (0.1...4.0 mm²)

98 x 57 x 131 mm (3.86 x 2.24 x 5.16 in.)

417 g (0.92 lbs.)

TS 35

CSA, UL, CE

CSA Class 1 Div 2

Accessories

Chassis Mounting Kit

Part No.

7920560000