



Specifications

MC 24-12 VDC

12 A

05-02-2025

ARTICLE NUMBER

60110016

MC 24-12 VDC 12 A

DIMENSIONS & WEIGHT

Length x width x height, mm (in.)

50 x 98 x 88 (2 x 3.9 x 3.5)

Weight, kg (lb.)

0.29 (0.64)

INPUT

Nominal input voltage

24 VDC

Input range, specifications met

18 .. 35 VDC

Input range, no defects

0 .. 35 VDC

OUTPUT

Nominal output voltage

13.8 VDC

Voltage adjustable

no

Output accuracy

3%

Ripple, peak output voltage

1%

maximum power output

170 W

continuous output power

170 W

Maximum output current

12 A

Continuous output current at 40 °C

up to 12 A

GENERAL

efficiency

>92%

consumption no load

<5 mA

Ambient operating temperature

-10°C .. +40°C

Storage temperature

-25° .. +85°C

Relative humidity in use

up to 95%, non-condensing

Galvanic isolation

Common negative

Cooling

convectonal

PROTECTIONS

Current / short circuit

Yes / fuse

Overheating, shut down

no

MECHANICAL SPECIFICATIONS

Faston in/ off, max thread thickness

6 mm²

Mounting holes

dia 4 mm, rh 58x90

International Protection rating

IP20

Housing

frame 4

Housing material

Alu / ABS

Housing colour

RAL 9011 graphite black

Meets the following Standards

EN61000-6-3 (EN55022), EN61000-6-2 (EN61000-2/3/4, EN61000-4-3), LVD 2006/95/EC (EN60335-1), Automotive EMC 2004/104/EC, RoHS 2011/65/EU Note: The above specifications are subject to change without prior notice.