



Specifications

MC 24-12 VDC

20 A

05-02-2025

ARTICLE NUMBER

60110011

MC 24-12 VDC 20 A

DIMENSIONS & WEIGHT

Length x width x height, mm (in.)

50 x 126 x 88 (2 x 5 x 3.5)

Weight, kg (lb.)

0.44 (0.97)

TECHNICAL SPECIFICATIONS

Converter type

voltage step down and stabilization

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

1%

Ripple, peak output voltage

1%

maximum power output

350 W

continuous output power

280 W

Maximum output current

25 A

Continuous output current at 40 °C

up to 20 A

GENERAL

efficiency

>92%

consumption no load

<25 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

Restricted by current rating

Overheating, shut down

Power restricted by temperature

MECHANICAL SPECIFICATIONS

Faston in / off, max thread thickness

6 mm²

Mounting holes	dia 4 mm, rh 58 x 118
International Protection rating	IP20
Housing	frame 5
Housing material	Anodized aluminium, ABS end caps
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.