



Specifications

WP-MC 24/12-20

07-03-2023

ARTICLE NUMBER

60110011

WP-MC 24/12-20

DIMENSIONS & WEIGHT

Weight (Kg)

0.44

Dimensions (H x W x D)

50 x 126 x 88 mm

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

convectioanal

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

Housing material

Housing colour

Meets the following Standards

frame 5

Anodized aluminium, ABS end caps

RAL 9011 graphite black

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.