Product data sheet

Specifications

Green Premium™

Easy UPS control module, 24V DC-DC, DIN Rail, Industrial, 10A

BVS240XDPDR

Overview

Lead time	Usually in Stock

Main

Main Input Voltage	24 V DC
product or component type	Uninterruptible power supply (UPS)
Main Output Voltage	24 V DC
Rated power in W	240 W
Connections - terminals	1 2 pins

Batteries & Runtime

Battery type	External battery system
Battery voltage	24 V

General

Number of power module	1
Provided equipment	User manual

Physical

Colour	Metal grey
Height	5.08 in (129 mm)
Width	1.6 in (40 mm)
Depth	4.7 in (119 mm)
net weight	1.1 lb(US) (0.5 kg)
mounting mode	DIN rail mount
Mounting position	Horizontal

Input

Number of input connectors	1 terminal block 2-wire
Input voltage limits	21.6...28.8 V 24 V DC
Maximum input current	10 A
Input protection type	Integrated fuse (not interchangeable) Protected against short-circuit Against reverse polarity

Life Is On | Schneider Electric

Output

Wave type	DC
Output overload operation	60 seconds at 130% and 30 seconds at 145%
Efficiency	95 %
Maximum output current	10 A

Conformance

Product certifications	CE TÜV
Standards	UL 60950-1 IEC 62368-1 CSA-C22.2 No 62368-1-14 IEC 61010-1

Environmental

Ambient air temperature for operation	5.0000000000…122.0000000000 °F (-15…50 °C)
Relative humidity	0…95 % non-condensing
Operating altitude	0...3000 m
Ambient air temperature for storage	5.0000000000…158.0000000000 °F (-15…70 °C)
Storage Relative Humidity	0…95 % non-condensing
Storage altitude	0.0000000000…9842.5 ft (0…3000 m)
Acoustic level	40 dB
IP degree of protection	IP20

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 in (190 mm)
Package 1 Width	2.2 in (57 mm)
Package 1 Length	7.4 in (188 mm)
Package 1 Weight	1.5 lb(US) (0.7 kg)

Contractual warranty

Warranty	2 Years repair or replace

Life Is On | Schneider Electric

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium 〉

Guide to assess a product's sustainability 〉

Transparency   RoHS/REACh

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   China RoHS declaration

Environmental Disclosure   Product Environmental Profile

Weee   The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile   End of Life Information