Product data sheet

Specifications



Easy UPS control module, 24V DC-DC, DIN Rail, Industrial, 20A

BVS480XDPDR

Product availability: Stock - Normally stocked in distribution facility

Main

Main Input Voltage	24 V DC
Product or Component Type	Power module
Main Output Voltage	24 V DC
Rated power in W	480 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

color	Metal grey
Height	5.08 in (129 mm)
Width	1.6 in (40 mm)
Depth	4.7 in (119 mm)
Product 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
Efficiency at full load	21.6...28.8 V 24 V DC
Maximum Input Current per Phase	20 A
Input protection type	Integrated fuse (not interchangeable) Against reverse polarity Protected against short-circuit

Output

Waveform Type	DC
Overload Operation	60 seconds @ 130% and 30 seconds @ 145%

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Efficiency at full load	95 %
Maximum output current	20 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…122 °F (-15…50 °C)
Relative Humidity	0…95 % non-condensing
Operating altitude	0...9842.52 ft (0...3000 m)
Ambient Air Temperature for Storage	5…158 °F (-15…70 °C)
Storage Relative Humidity	0…95 % non-condensing
Storage altitude	0…9842.5 ft (0…3000 m)
Acoustic level	40 dB
IP degree of protection	IP20

Ordering and shipping details

GTIN	731304436959

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	7.480 in (19.000 cm)
Package 1 Width	2.244 in (5.700 cm)
Package 1 Length	7.402 in (18.800 cm)
Package weight(Lbs)	18.377 oz (521.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	7.818 lb(US) (3.546 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	48
Package 3 Height	17.717 in (45.000 cm)
Package 3 Width	31.496 in (80.000 cm)
Package 3 Length	47.244 in (120.000 cm)
Package 3 Weight	88.996 lb(US) (40.368 kg)

Contractual warranty

Warranty (in months)	24

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**18 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**5 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**13 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
SCIP Number	**0e08a18f-3817-49e1-a0e2-b298526f0a43**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**62**
Circularity Profile	**End of Life Information**
Removable battery	**Yes**
Take-back	**Yes**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

Image of product / Alternate images

Alternative



