



RXDC-336-2K4-01

Digital Electricity™ Receiver,

2.4 kW, HVDC Output,

Indoor, DIN-Rail Mount

The RXDC-336-2K4-01 Receiver is a component in a Digital Electricity line powering system. When paired with a VoltServer transmitter unit, a Digital Electricity system is formed (see diagram, page 2). If a person or a foreign conductor comes in contact with the DE wiring, power is disconnected, preventing fire, equipment damage and personal injury. The RXDC-336-2K4-01 is a **Listed product**, certified to safety and EMC standards by a **Nationally Recognized Testing Laboratory**.

RXDC-336-2K4-01 Features

- + Up to 2,400 W
- + 4 DE Input Channels
- + 310-350 Vdc output (336 Vdc nom)
- + 2 Output Channels
- + 35 mm DIN-rail mount

Digital Electricity™ is a Limited Power Source per UL/CSA/IEC 62368-1 suitable for supplying a Class 2 circuit under NEC Art. 725 and CEC Rule 16-200 (Note: Always follow local codes).

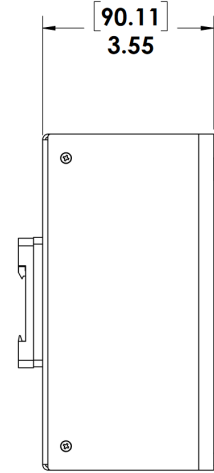
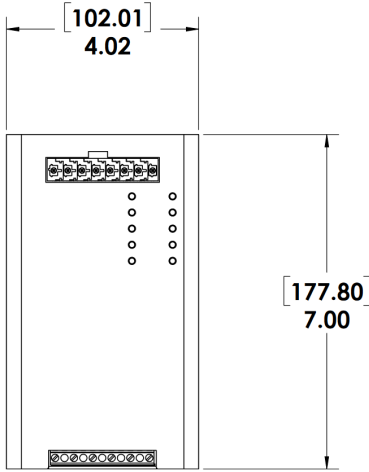
TYPE	PARAMETER	SPECIFICATION	NOTES
Input	Voltage	310-350 Vdc (336 Vdc Nominal)	Must be supplied by listed VoltServer transmitter shelf
	Number of Channels	4	
	Current Per Input Channel	3.75 A Max	
	Current, Total	8.0 A Max	
Output	Voltage	310-350 Vdc (336 Vdc Nominal)	
	Number of Connections	2	
	Current Per Output Connection	8.0 A Max	
	Current, Total	8.0 A Max	
Environment	Operating Temperature	-40 °C (-40 °F) to 70 °C (158 °F)	Cold Start limited to -20 °C (-4 °F). [See page 2 for temperature derating curve]
	Altitude	Up to 2000 m	
	Weatherproofing	None	
Mechanical	Dimensions	7.00" x 4.02" x 3.55" 177.80 mm x 102.01 mm x 90.11 mm	[See page 2]
	Weight	2.132 lbs	
Approvals	Safety	UL 62368-1 EN IEC 62368-1 CAN/CSA-C22.2 No. 62368-1	
		EMC	
	Other	CE, RoHS, WEEE, UKCA	
Box Contents	Hardware Kit	(1) 8 Position Terminal Block Plug, P/N: 8000078359	

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Detailed Dimensions

inches [mm]

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Connection Diagram



- 1 Digital Electricity Input Port**
Four (4) channels, eight (8) conductors,
18 AWG minimum (16 AWG recommended)
- 2 High Voltage DC Output Port**
Two (2) connections, three (3) conductors
per connection, 18 AWG minimum (16 AWG
recommended)

Temperature Derating Curve

