

VRT Series

Linear Reducers

REDARC



Features

- High peak current capability
- Fast response to load changes
- Wide input voltage range

Description

The VRT Series Single Circuit Linear Voltage Reducers (or converters), operate from nominal 24V DC electrical system and deliver a regulated output of 13.8V DC, within 5%, for load currents from no load to the converter rating. The converters are available in continuous current ratings of 3.5, 7, 10, 20 and 30 Amps.

The VRT converters are intended for electronic loads requiring a stable 13.8V DC supply. They are not suitable for use as 24V to 12V battery chargers. Their high peak current capability and fast response to load changes make them suitable for variable-current loads such as two-way radios and similar electronic devices.

General Specifications

MODEL	VRT3	VRT7	VRT10	VRT20	VRT30
Supply range	20 – 33VDC	20 – 33VDC	20 – 33VDC	20 – 33VDC	20 – 33VDC
Output Current Rating	3.5A	7A	10A	20A	30A
Output Voltage	13.8VDC	13.8VDC	13.8VDC	13.8VDC	13.8VDC
Input Fuse Rating	5A	7.5A	10A	20A	30A
Dimensions	70x135x75mm	110x135x75mm	156x135x75mm	300x135x75mm	450x135x75mm
Weight	400g	500g	700g	1.2kg	1.8kg
Warranty	2 years	2 years	2 years	2 years	2 years

FREE TECHNICAL ASSISTANCE contact Redarc Electronics
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Specifications are subject to change without notification.