

VR Series

Trailer Lighting Reducers

REDARC



Features

- 4 or 5 circuit options
- Highly efficient
- Works with most LED lighting
- Fully Sealed

Description

The Redarc range of multi-circuit voltage reducers (or converters), operate from nominal 24V DC electrical systems and provide four or five **12V RMS** output circuits. The reducers are intended for multiple-trailer applications with a large number of operating lamps. They are small, light, 95% efficient, well-protected against short-circuits, and generate no radio frequency interference. They are particularly suitable for situations in which radio noise must be absolutely minimal to avoid interference with sensitive CB and HF receivers.

General Specifications

MODEL	VRC	VRB(REV)	VRA(REV)	VRAA
Number of Circuits	5	4 or (5)	4 or (5)	4
Input Voltage range	20V-33VDC	20V-33VDC	20V-33VDC	20V-33VDC
MAX LOAD CURRENT:				
Clearance Lamps	23A	40A	60A	90A
Brake Lamps	23A	30A	40A	60A
Right Indicator	16A	15A	30A	40A
Left Indicator	16A	15A	30A	40A
Reverse (REV option)	16A	15A	30A	N/A
Conversion Efficiency	95% at Full Load	95% at Full Load	95% at Full Load	95% at Full Load
Ambient Temp. Range	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C
Current Limiting	Automatic	Automatic	Automatic	Automatic
Moisture & Dust Protection	Fully-potted	Fully-potted	Fully-potted	Fully-potted
Dimensions	140x60x300mm	140x60x300mm	140x60x300mm	140x60x300mm
Weight	1.5kg	1.5kg	1.5kg	1.5kg
Warranty	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.