

## DC / DC Power Supply 12 V DC Output

type numbers: 01313



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Input voltage:	18.0 V DC to 32.0 V DC
Consumption:	0.05 A to 9.7 A at 24 V DC
Output voltage:	12.0 V DC
Output current:	15 A, max. 16.5 A
Connector In:	VG95234A-10SL-3PN
Connector Out:	VG95234A-10SL-3SN

**Note:** if permanent operation with full load, additional cooling may be necessary!

Ask for further technical information!  
Functional or interface modifications can be realized on request. Each configuration change causes a new type number.

### Main Feature:

This DC / DC power supply is designed for automotive applications to be used under harsh environmental conditions.

### Mechanical Specifications:

Material:	Aluminium
Dimensions Case:	214 x 101 x 65 mm (W x D x H)
Weight:	approx. 1.7 kg
Ground terminal:	M8
Finish / color:	green RAL 6031 HR
Protection:	IP 66 (EN 60529)

### Electrical Data:

Input according to:	VG 96916 -5
Temperature coefficient:	± 1.0 % / °C max
Ripple & noise, 20 MHz BW:	60 mV RMS
max.:	240 mV pk-pk
Safety according to:	EN 60950-1
EMC / EMI:	MIL-STD-461G Navy / Air Force fixed

### Environmental Data (acc.to MIL-STD-810G):

Temperature:	-40 °C to +65 °C (operating) -46 °C to +90 °C (storage)
Humidity:	0 % to 100 % rel.
Vibration:	Fig. 514.5C3 for wheeled vehicles
Shock:	10 x 10 g / 6 ms

### Option:

Remote control for electronically switch on and off.