

DC / DC Power Supplies 48 V DC Output

type number: 01310



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01310

Picture shows custom specific cable treatment

type number 01310

Input voltage:	10.0 V DC to 36.0 V DC
Consumption:	0.07 A to 2.5 A at 24 V DC
Output voltage:	48 V DC
Output current:	1.56 A max
Connector in / out:	SJT / PG

Main Feature:

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

Mechanical Specifications:

Material:	Aluminium
Dimensions:	194 x 101 x 40 mm (W x D x H)
Weight:	approx. 1 kg
Ground terminal:	M8
Finish / color:	Powder coating, green RAL 6031 HR or TBD
Protection:	IP 66 (EN 60529)

Electrical Data:

Input according to:	VG 96916 -5
Voltage accuracy:	± 1.5 % max
Temperature coefficient:	± 0.03 % / °C max
Ripple & noise, 20 MHz BW:	200 mV RMS
max.:	400 mV PP
Safety according to:	EN 60950-1
EMC / EMI:	MIL-STD-461E or TBD

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

Temperature:	-40 °C to +85 °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

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