



0..3V (10 mV/A)

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18 V .. 60 V DC, 6 W

280 W @ 12 V/250 A

Water max. 45 °C

Bus bars 5 x 10 mm

Phoenix RM5.08

310 x 110 x 60 2.5 kg

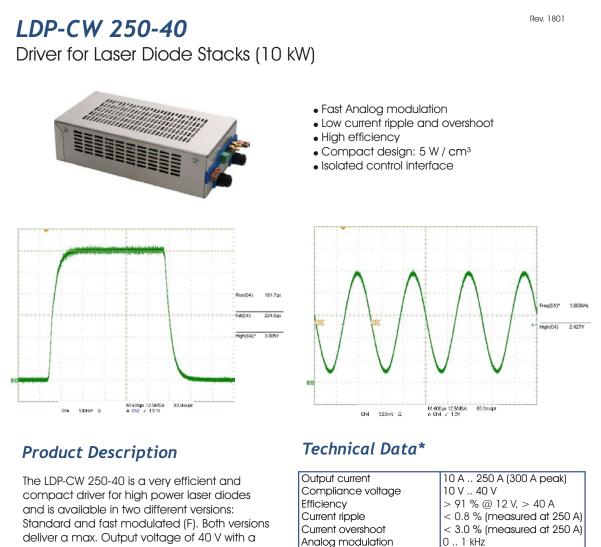
SMC

* Specifications measured with a fast recovery diode instead of a lase diode and measured at a supply voltage of 24 V. Technical data is preliminary and subject to change without further notice.

< 250 µs

< 250 µs

48 V DC



deliver a max. Output voltage of 40 V with a current of up to 250 A. This 10 kW driver has an exceptional compact design leading to excellent power density of 5 W/cm³ and a high efficiency of up to 94 %.

The standard version features a very low current ripple of <0.8 %, minimal overshoot of <3 % with a maximum modulation frequency of 1 kHz. The F version increases the maximum modulation frequency to 50 kHz (-3 dB) with a pulse rise time of <20 μ s, while keeping the maximum overshoot below 3 %.



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Nordic Countries

Modulation voltage

Supply voltage power stage

Supply voltage control stage

Control (18 V .. 60 V / 6 W)

Modulation, Current Monitor

Current monitor

Current rise time

Current fall time

Power connection

Dimensions in mm

Losses

Cooling

Weight

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1

Germany and Other Countries

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