



INDUSTRIAL DC/DC Converters

100 / 150 / 200 Watt

Series: HSD2
HSD3

Wide input range 1:2
1:3

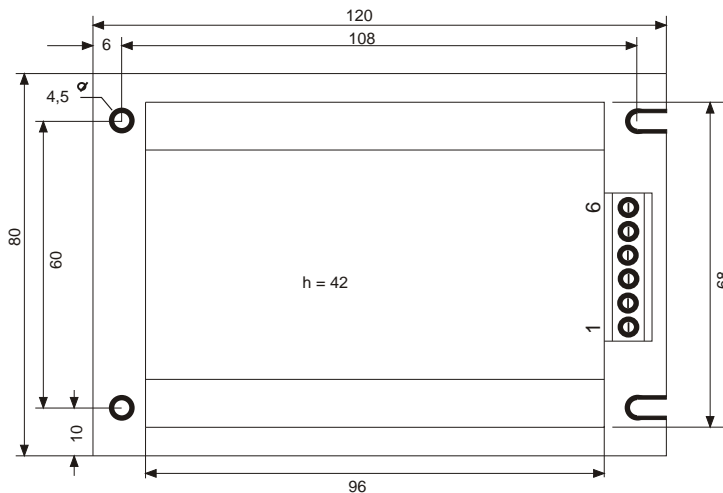
Step Down

Electrical specifications:

Output voltage accuracy:	+/- 3%	Operating temperature max.	+105°C
Line regulation:	+/- 1%	Isolation Voltage:	none
Load regulation:	+/- 3%	Short circuit protection:	continuous
Efficiency:	91% @48V Vin	Output ripple & noise:	max. 200mVpp
Ambient temperature:	-25°C to +71°C no derating	Low Voltage Lockout	

Part - No.	Input voltage	NO ISOLATION	Output voltage	Output current
HSD2-4524	45V (30- 60V)			24V
HSD3-8024	80V (40-120V)		24V Other voltages on request	4,16A / 6,25A / 8,30A*

* With heatsink 400cm² / 2mm thickness !



Pin Connections

Pin. NO.	PIN FUNCTION
	SINGLE
1	+ INPUT
2	+ INPUT
3	GND
4	GND
5	+ OUTPUT
6	+ OUTPUT

ALL DIMENSIONS IN MM
 Tolerance +/-0,5mm
 Heatsink & Fixingplate:
 Aluminium 3mm