

# INDUSTRIAL DC/DC Converters Step Down

Wide input range 1:3

Stand: 13/08  
**100 Watt**  
**Series: HSD3**

**Electrical specifications:**

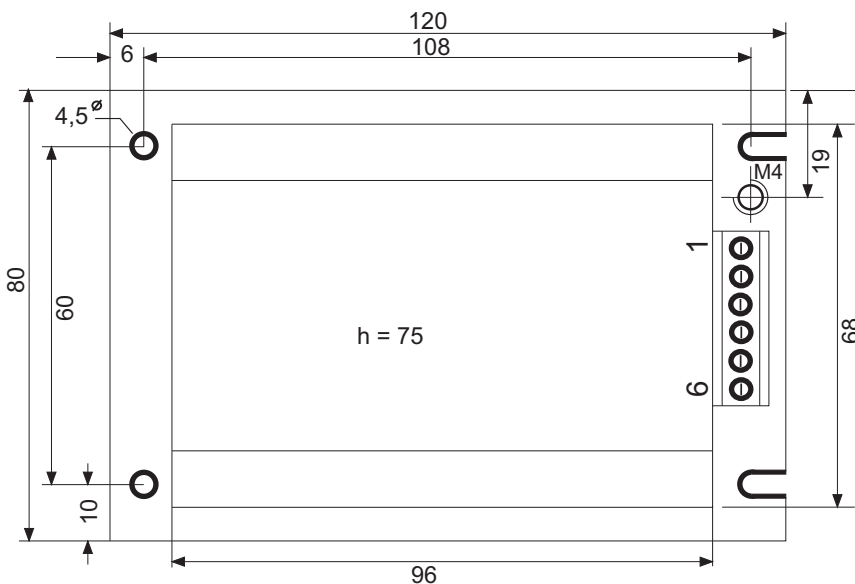
Output voltage accuracy: +/- 3%  
 Line regulation: +/- 1%  
 Load regulation: +/- 3%  
 Efficiency: 91% @48V Vin  
 Ambient temperature: -40°C to +85°C

Operating temperature: max. +105°C  
 Insulation voltage: none  
 Short circuit protection: continuous  
 Output ripple & noise: max. 200mVp-p  
 Low voltage lockout  
 Part-No.: /A EN55011  
 Part-No.: /B EN55011  
 Input Class A  
 Input Class B

**CAUTION: NO INPUT POLARITY CHANGE ALLOWED!**

Part - No.	Input voltage	NO ISOLATION	Output voltage	Output current
HSD3-8024/A	80V (40-120V)		Other voltages 24V on request	4,17A

Any other output voltages available



**Pin Connections**

Pin. NO.	PIN FUNCTION
	SINGLE
1	+ INPUT
2	+ INPUT
3	- IN
4	- OUT
5	+ OUTPUT
6	+ OUTPUT

**ALL DIMENSIONS IN MM**  
 Tolerance +/-0,5mm

Heatsink & Fixingplate:  
 Aluminium 3mm

**NOTE:**

No input polarity change  
 allowed !

Specification may be changed without notice  
 please contact office for verification

We can offer EMC - Filter  
 according to EN55011/22 Class B.