DC/DC Converter
AC/DC Inverters
Delay-Lines
Pulsetransformers
Burst & Surge Filters
Harmonic Filters
Switching Power Supplies

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FLOETH ELECTRONIC

Stand: 07/06

# INDUSTRIAL DC/DC Converters Application: IGCT

**100 Watt**
**Series: HHVI**

**Wide input range**

## Electrical specifications:

| | | | |
|---|---|---|---|
| Ambient temperature: | -40°C to +71°C ** | Efficiency: | typ. 85% |
| Operating temperature: | typ. 100°C | Insulation test voltage: | 5000V AC rms |
| Output voltage accuracy: | +/- 2,5% | | Insulation test voltage 10kV; 1min. |
| Line regulation: | +/-0,2% | Short circuit protection: | overload & short protected |
| Load regulation: | +/-1% | Output ripple & noise: | 0,5 / 1,5V *** |

** up to 85°C Ta 2%/°C derating above 71°C
*** to be reduced by external filter
**** 100W +71°C min. Uin +95V

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

| Part-No. | Input voltage | 5kV AC rms ISOLATION | Output voltage | Output current |
|---|---|---|---|---|
| HHVI-11036 | 110V (80 - 140V) | | 36V Other voltages on request | 2,78A **** |

✷ = tolerances due to production to DIN 16901 - 130

Any other in & output voltages available.

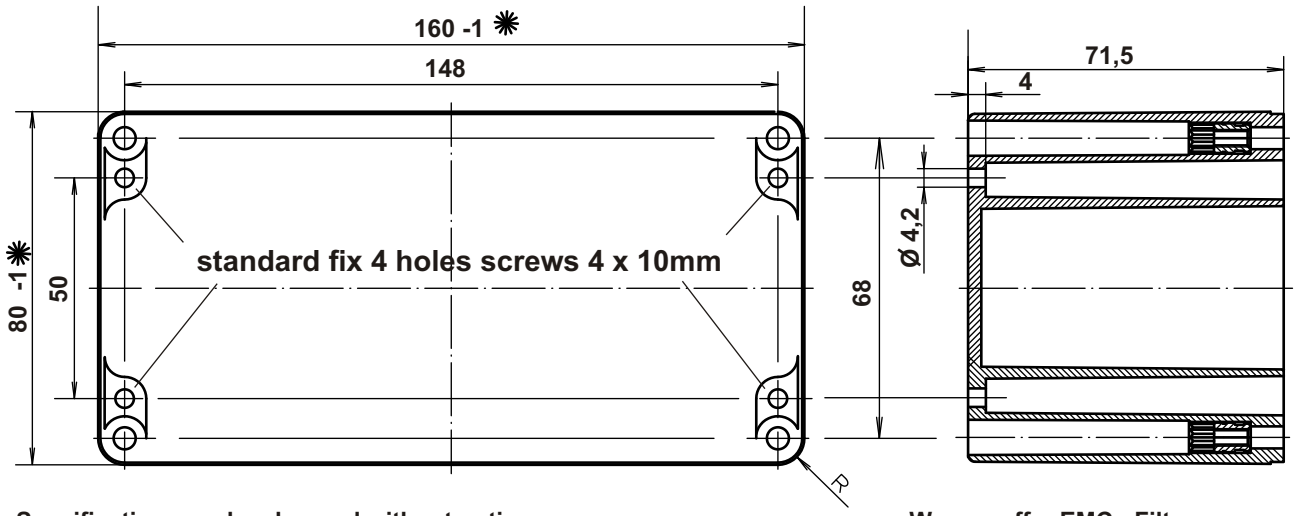
red +IN
black - IN

connection via 6,3mm faston

yellow +OUT
black - OUT

**Note:**
No input polarity change allowed.

Tol. Case to pin +/-0,5mm
NP (no pin) on single output models
COM (common) on dual output models




Specification may be changed without notice
please contact office for verification

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