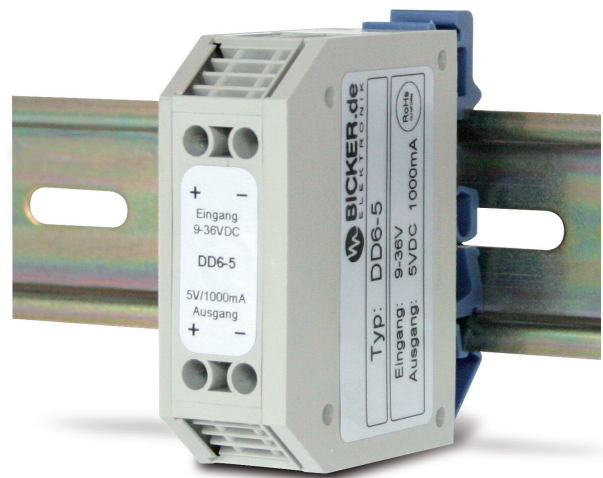


DD6

6 Watt

- Input / Output galvanically isolated
- Operating temperature -20...+60 °C
- Widerange input

The DD6 series is designed for DIN-Rail assembly. Screw terminals enable universal application in mechanical engineering. By a widerange input of 9...36 VDC the converters can be deployed under the most various conditions. The individual models provide different output voltages (see table).



Technical data

Input voltage	9...36 VDC
Input current	0.8 A max (9 VDC), 0.28 A max. (24 VDC)
Efficiency	App. 78 %
Protection	Short circuit protection: yes, auto-recovery
Insulation voltage	1500 VDC Input / Output
Cooling	Convection
Temperature coefficient	0.05 % / °C
Temperature	Operating: -20...+60 °C / Storage: -40...+85 °C
Humidity	Operating: 10...85 % RH, non-condensing / Operating: 10...90 % RH, non-condensing
Dimensions	61 x 21 x 62 mm ±0.8 mm
Weight (net)	0.05 kg

Product specific data

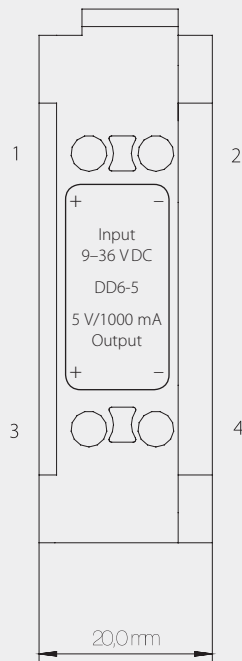
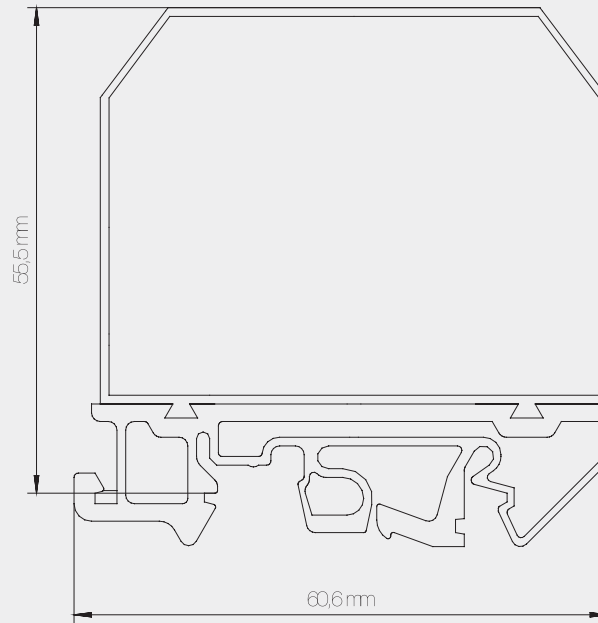
Voltage regulation	±2 %
Line regulation	±1 %
Load regulation	±1 %
Input filter	π LC filter

Article No.	Output voltage	Output current		Ripple & Noise
		min	max	
DD6-5	+5 V	0 A	1 A	100 mV
DD6-10	+10 V	0 A	0.5 A	100 mV
DD6-12	+12 V	0 A	0.47 A	120 mV
DD6-24	+24 V	0 A	0.23 A	240 mV

Ripple and noise was measured by a 15 MHz bandwidth limited oscilloscope with connected 10 nF capacitor and 1 μF capacitor at each output.

As a power component this PSU is for assembly purposes only and must not be operated in unassembled condition. The final assembly has to comply with the valid EMC and safety standards.

Drawing DD6



- 1 Input +
- 2 Input -
- 3 Output +
- 4 Output -

Tolerance ± 0.8 mm

Specification is subject to change without notice. Errors excepted. Status as at: 25.10.2013