

Wide input range
 Case style: DIP24

INDUSTRIAL DC/DC Converters Step down

10 Watt

Series:
 CSBXX-40/YY
 CSBXX-60/YY

Electrical specifications:

Operating temperature: -40°C up to +105°C
 Ambient temperature: -40°C to +71°C
 Input voltage: wide input range
 Output voltage accuracy: +/- 3%
 Output Ripple & Noise: typ. 200mVp-p

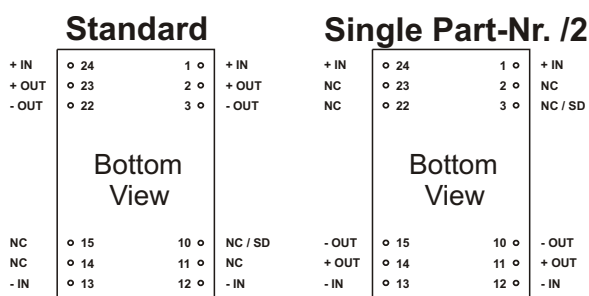
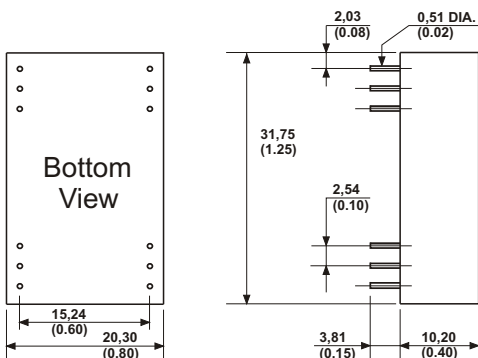
Short circuit protection: limited, 1 minute
 Overload protection & thermal shut down
 Insulation voltage: none
 Efficiency: up to 92%
 Case material: black polycarbonate
 Optional: Part-Nr. /3 metalcase

All specifications typical @ Ta +25°C
 Nom. Vin & full load, unless otherwise specified!

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

Part-No. Single	Input Voltage DC	Output Voltage DC	Output Current	Eff. %
CSB10-40/05 CSB10-60/05	10 - 40V 10 - 60V	5V 5V	1600mA 1600mA	73 73
Initial start-up at 8V				
CSB12-40/12 CSB12-60/12	14 - 40V 14 - 60V	12V 12V	830mA 830mA	75 75
CSB15-40/15 CSB15-60/15	17 - 40V 17 - 60V	15V 15V	670mA 670mA	78 78
CSB24-40/24 CSB24-60/24	26 - 40V 26 - 60V	24V 24V	420mA 420mA	80 80

Any other output voltages available



Part-Nr. /SD with shut down pin
 SD = Shut down
 *** Shut down voltage 2V - 5,25V (1,4mA at 5V)***

ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS +/- 0,25mm
 (INCHES +/- 0,01")
 All pins on a 2,54mm pitch
 NP = No Pin; NC = No Connection

Input capacitor 220µF min. &
 output capacitor 470µF min. necessary

Specification may be changed without notice
 please contact office for verification

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