

Stand: 13/13

Wide input range
 Case style: DIP24

INDUSTRIAL DC/DC Converters Step down

7 Watt

Series:
 CSXX-40/YY
 CSXX-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

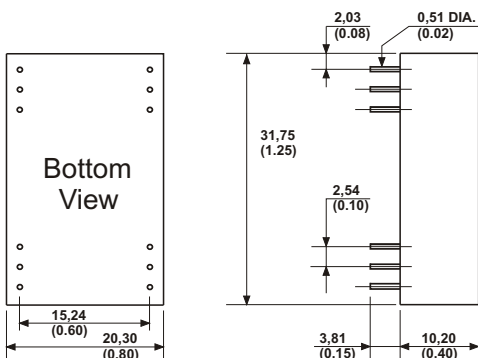
Short circuit protection: limited, 1 minute
 Overload protection & thermal shut down
 Insulation voltage: none
 Efficiency: up to 92%
 Case material: black polycarbonate
 Optional: Part-Nr. /3 metalcase
 Part-Nr. /SD shut-down pin

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

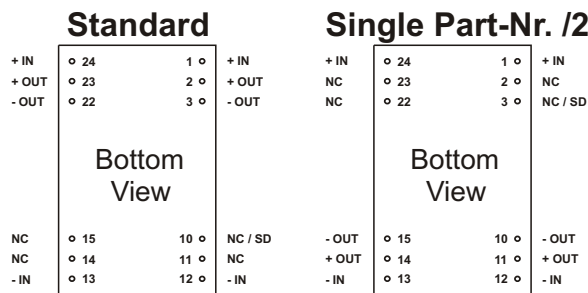
Part-No. Single	Input Voltage DC	Input Current	Output Voltage DC	Output Current	Eff. %	
CS10-40/01,8	10 - 40V	6mA	1,8V	2800mA	72	
CS10-40/02,5		6mA	2,5V	2800mA	72	
CS10-40/03,3		6mA	3,3V	2121mA	73	
CS10-40/05		6mA	5V	1400mA	76	
CS10-40/05,2		6mA	5,2V	1346mA	77	
CS10-60/01,8		10 - 60V	6mA	1,8V	2800mA	72
CS10-60/02,5			6mA	2,5V	2800mA	72
CS10-60/03,3			6mA	3,3V	2121mA	73
CS10-60/05			6mA	5V	1400mA	76
CS10-60/05,2			6mA	5,2V	1346mA	77
Initial start-up at 8V						
CS10-40/08	10 - 40V		6mA	8V	875mA	84
CS10-60/08	10 - 60V		6mA	8V	875mA	84
CS12-40/12	14 - 40V		6mA	12V	580mA	83
CS12-60/12	14 - 60V		6mA	12V	580mA	83
CS15-40/15	17 - 40V	6mA	15V	465mA	83	
CS15-60/15	17 - 60V	6mA	15V	465mA	83	
CS24-40/24	26 - 40V	6mA	24V	290mA	83	
CS24-60/24	26 - 60V	6mA	24V	290mA	83	

Any other output voltages available

Input current measured at no load over full input voltage range



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.