SDC SERIES

DC/DC Converters 5W to 50W

Features

♦ Standard input 2:1 or wide Input 4:1
♦ Input voltages: 12V, 24V and 48V
♦ Single, Dual and Triple output options
♦ Screw terminal connector
♦ Short Circuit & OVP protection
♦ High operating temperature up to 70°C
♦ Low Ripple & Noise
♦ Suitable for a wide range of telecom and industrial applications.
♦ Chassis mount or Din rail mount

SPECIFICATIONS

DESCRIPTION:

The SDC series is a wide range of DC/DC converters designed for chassis mount installation or with the optional DIN rail mounting clips can be converter to DIN rail mount. Numerous input and output combinations are available to suit many applications. The use of high quality DC/DC converters insures reliability and flexibility to suit industrial and telecom applications.

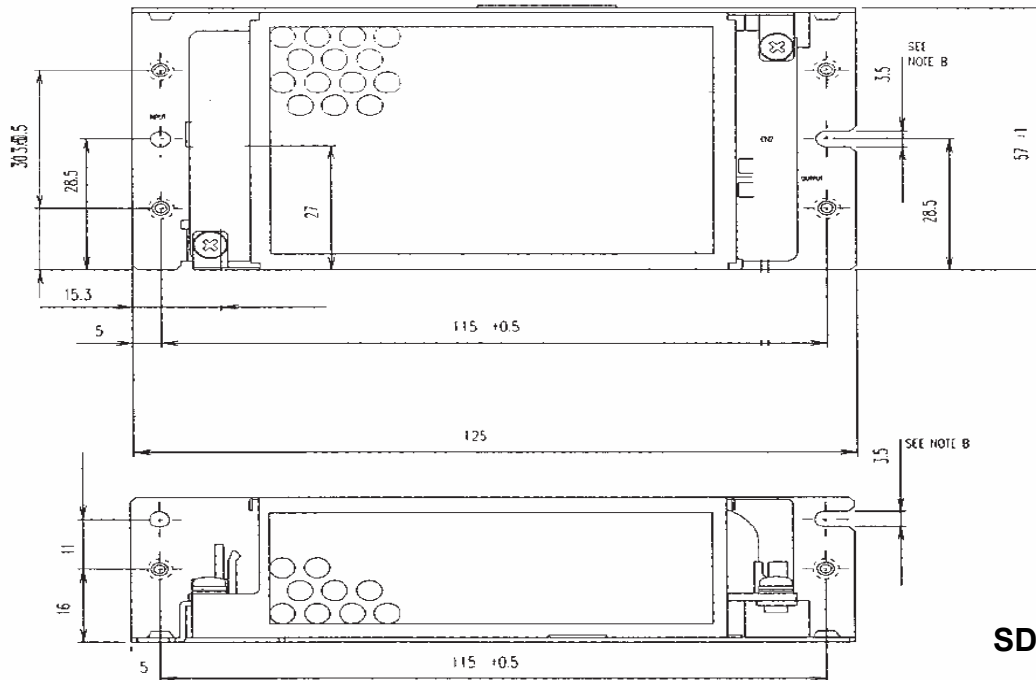## MODEL NUMBER DESIGNATION

SDC - AA - BBB - CC - DDDD

AA: Power Level : 05 , 10 , 15 , 20 , 25 , 30 , 40 , 60 (Other options available upon request)
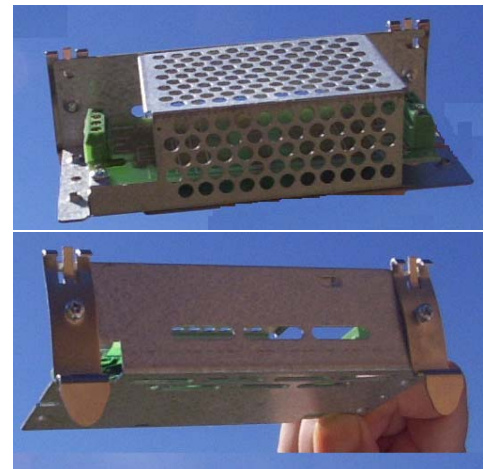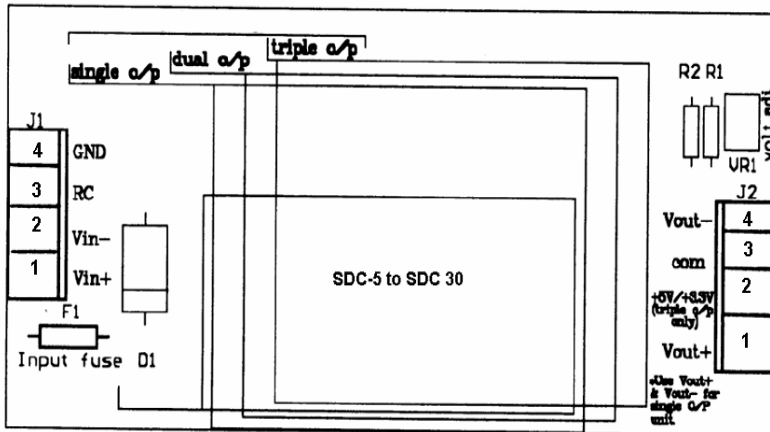**BBB:** Input Voltage
CC : Output voltage
DDDD : Code specified by Snaptec

MECHNICAL DRAWINGS

SDC 5 to SDC 30

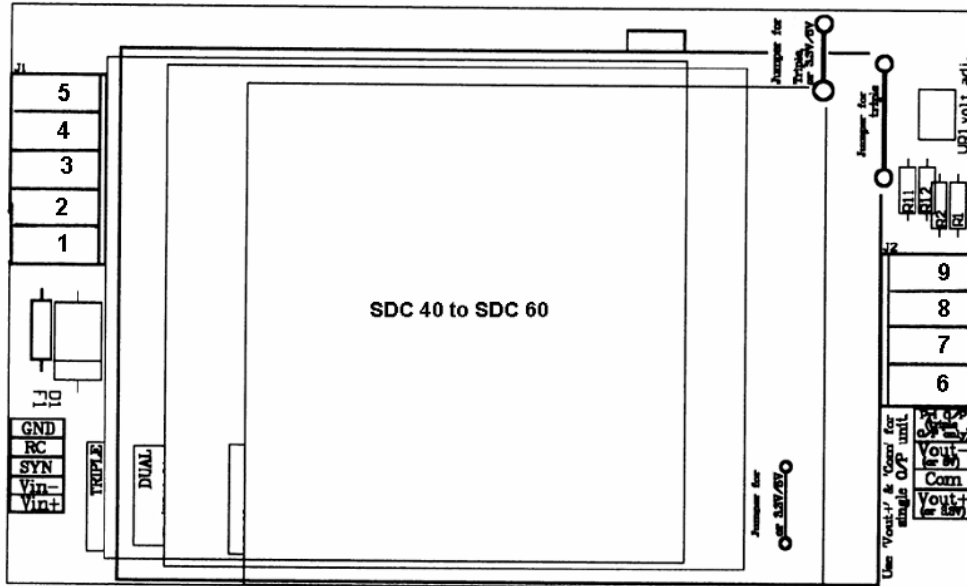Unit with optional DIN RAIL mounting clips

CONNECTIONS:
Input:
Terminal 1: Vin+ : Input Voltage +
Terminal 2: Vin- : Input Voltage -
Terminal 3: RC : Remote control , available only on certain models
Terminal 4: GND : Frame ground
Output:
Terminal 1: Vout + : Output Voltage +
Terminal 2: Only used on triple output voltage models to provide +5V / +3.3V
Terminal 3: Common point: Only used on dual and triple models.
Terminal 4: Vout - : Output Voltage - for single output units , negative output voltage for dual and triple output models.

DIMENSIONS: 125 x 57 x 32mm
Weight: 200g max
Board Dimensions: 105 x 50mm
Board mounting centres: 98 x 43mm

MECHNICAL DRAWINGS

SDC 40 to SDC 60

CONNECTIONS:
Input:
Terminal 1: Vin+ : Input Voltage +
Terminal 2: Vin- : Input Voltage -
Terminal 3: SYN : No connection
Terminal 4: RC : Remote control , available only on certain models
Terminal 5: GND : Frame ground

Output:
Terminal 6: Vout + : Output Voltage +
Terminal 7: Common point: Only used on dual and triple models.
Terminal 8: Vout - : Output Voltage - for single output units , negative output voltage for dual and triple output models.
Terminal 9: Only used on triple output voltage models to provide +5V or +3.3V

DIMENSIONS: 160 x 87 x 47mm
Weight: 680g max
Board Dimensions: 128 x 76mm
Board mounting centres: 115 x 64mm