

# DC/DC Converters

**L8541** = Product group; Product group discount L 85 4\_

## MEANWELL DC/DC Converters Case, Single Output Input Voltage Ratio: 2:1 Output: 150 to 151W Series: SD-150

### Features

- Enclosed case, screw terminals
- Overload protection, current limiting, hiccup after 5s, re-power-on
- Wide input voltage range 2:1
- DC decoupling of input and output
- Input/output insulation 1500V
- Regulated output voltage
- Short-circuit proof

### Technical Specifications

Input Voltage	Output Voltage	Output Current	Power
SD-150B:.....	19...36V DC	0...12,5A	150W
SD-150C:.....	36...72V DC	0...6,3A	151W
SD-150D:.....	72...144V DC	0...12,5A	150W
Over Load Protection:.....	105...135%		
Withstand Voltage			
I/P-O/P:.....	1500V AC		
I/P-FG:.....	1500V AC		
O/P-FG:.....	500V AC		
Operating Temperature:.....	-10...+60°C		
Weight:.....	860g		

I/P = Input, O/P = Output, FG = Frame Ground

Part Nr.	$U_E$ [V]	$U_A$ [V]	$I_A$ [A]	$U_{adj}$ [V]	$\Delta U_A$ [%]	$U_{RN}$ [mV <sub>p-p</sub> ]	$\eta$ [%]
SD-150B-12	19...36	12	0...12,5	11...16	1	120	75
SD-150B-24	19...36	24	0...6,3	23...30	1	150	77
SD-150C-12	36...72	12	0...12,5	11...16	1	120	77
SD-150C-24	36...72	24	0...6,3	23...30	1	150	80
SD-150D-12	72...144	12	0...12,5	11...16	1	120	79
SD-150D-24	72...144	24	0...6,3	23...30	1	150	82

$U_E$  = Input Voltage,  $U_A$  = Output Voltage,  $I_A$  = Output Current Range,  $U_{adj}$  = Output Voltage Adjustment,  $\Delta U_A$  = Output Voltage Tolerance,  $U_{RN}$  = Ripple & Noise,  $\eta$  = Efficiency

### Labelling CE

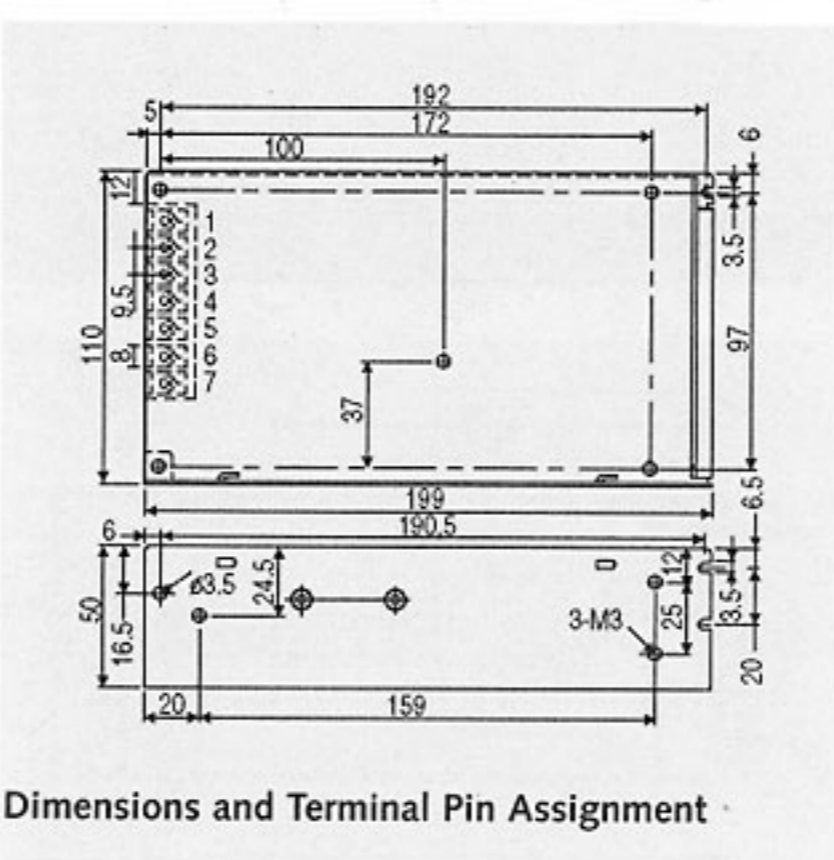
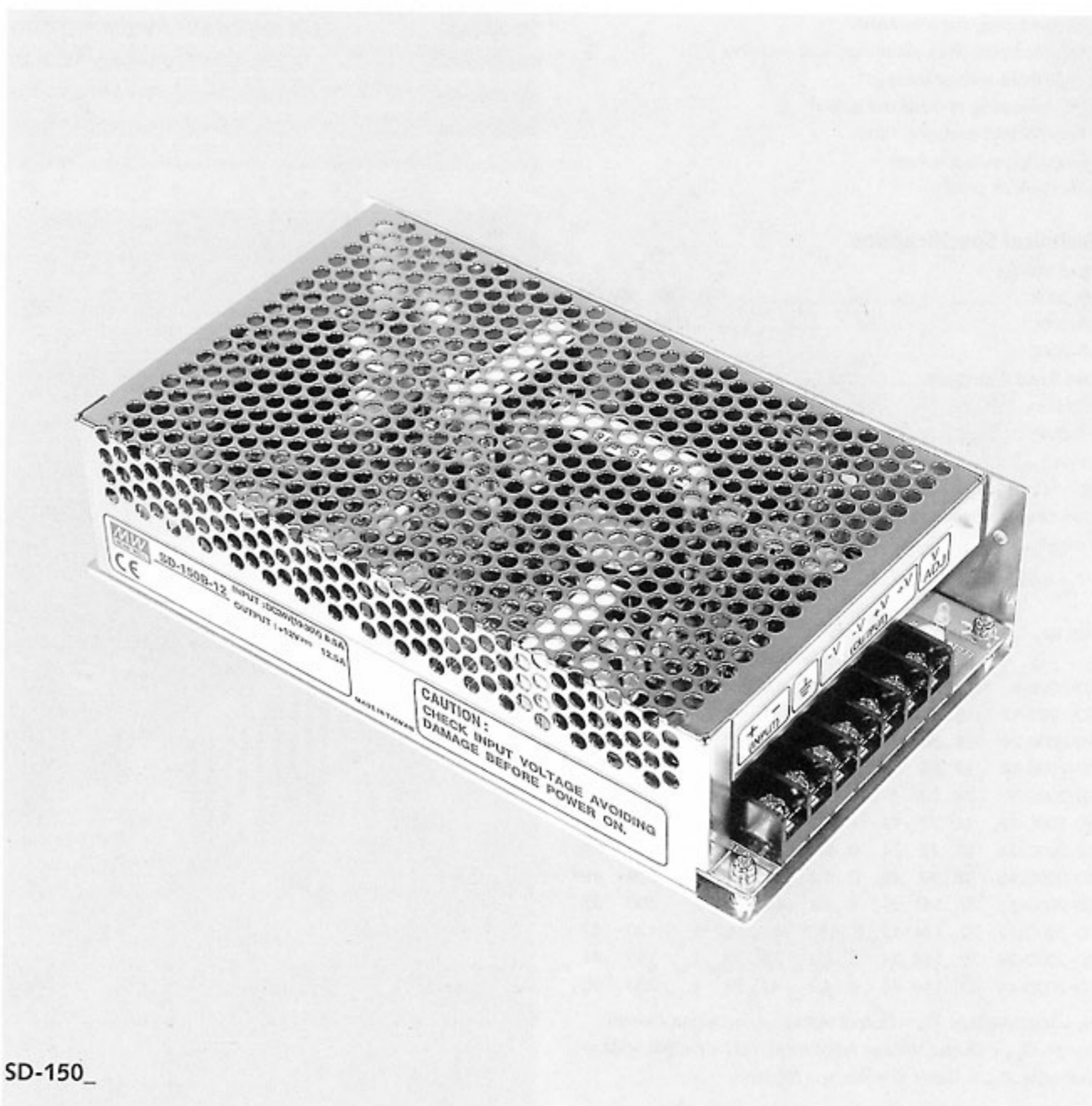
### Terms of Delivery

Minimum order quantity: 1 PKU = 1 piece

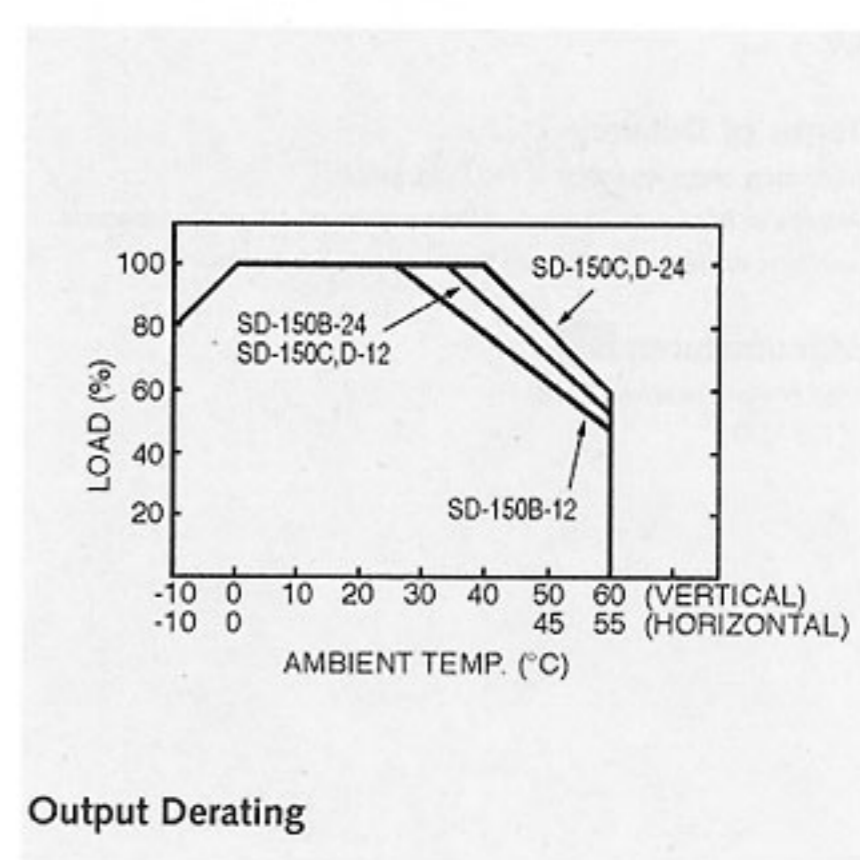
Manufacturer: 

<http://www.meanwell.com>

Part Nr.	Part Description
SD-150B-12	DC/DC-Conv 19-36V:12V 12,5A 150W
SD-150B-24	DC/DC-Conv 19-36V:24V 6,3A 151W
SD-150C-12	DC/DC-Conv 36-72V:12V 12,5A 150W
SD-150C-24	DC/DC-Conv 36-72V:24V 6,3A 151W
SD-150D-12	DC/DC-Conv 72-144V:12V 12,5A 150W
SD-150D-24	DC/DC-Conv 72-144V:24V 6,3A 151W



Dimensions and Terminal Pin Assignment



Output Derating