

Advantages

Adjustable output voltage

Adjustable current limiting

Stand-by operation

Compensation of voltage drops across output lines

Short circuit proof

Parallel connection option

Vibration proof

Applications

Step-down converter for low-loss generating output voltages that are lower than the input voltage.

Approvals





Step-down converter DC/DC **SDC 60/30-12**

	Туре	SDC 60/30-12		Туре	SD	C 60/30-12
Electrical data 두이	Input		0	Measures and weights		
	Input rated voltage	10 - 60 Vdc	۳ <u> </u>	Dimensions W x H x D	127	x 51 x 137 mm
	Output	itput			0.40	kg
	Output rated voltage	4.5 - 30 Vdc	Mechanical data			
	Output rated current	0 - 12 A				
	Tolerance	<3 %				
	Efficiency	typ. 75 %				
	Load regulation	<2 %				
	Ripple factor	150 mVpp				
	Switching frequency	25 kHz	š			
	Temperature drift	3 mV/°C	_	1		
	Input / Output difference	3.5 Vdc (Uin > 15 Vdc) / 5 Vdc (Uin < 15 Vdc)				
	Output limited current	17 A ± 10 %				
	Environment	vironment				
	Ambient temperature	0° C to + 50° C				
	Storage temperature	-20 °C to +85 °C				
	Heat sink temperature	max. 80 °C				
	Relative humidity	5 to 80 % RH				
	Order numbers					
	Order Number	SDC 60/30-12				

