

Step-Down Converter DC/DC

SDC 60/15-20



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

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

Approvals



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Electrical data		Mechanical data	
Type	SDC 60/15-20	Type	SDC 60/15-20
Input		Measures and weights	
Input rated voltage	10 - 60 Vdc	Weight	0.40 kg
Output			
Output rated voltage	4.5 - 15 Vdc		
Output rated current	0 - 20 A		
Tolerance	<3 %		
Efficiency	typ. 75 %		
Load regulation	<2 %		
Ripple factor	150 mVpp		
Switching frequency	25 kHz		
Temperature drift	3 mV/°C		
Input / Output difference	3.5 Vdc (Uin > 15 Vdc) / 5 Vdc (Uin < 15 Vdc)		
Output limited current	24 to 27 A		
Environment			
Ambient temperature	0° C to +70° 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 60/15-20		