

## Step-down converter DC/DC **SDC 60/15-20**



Picture shows 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

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

### Approvals



## Step-down converter DC/DC SDC 60/15-20

Electrical data		Type	Type
		SDC 60/15-20	SDC 60/15-20
Electrical data	Input		
	Input rated voltage	10 - 60 Vdc	
	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 (U <sub>in</sub> > 15 Vdc) / 5 Vdc (U <sub>in</sub> < 15 Vdc)	
	Output limited current	26 A ± 15 %	
	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			
<b>Order Number</b>	<b>SDC 60/15-20</b>		
		Measures and weights	
		Dimensions W x H x D	127 x 51 x 137 mm
		Weight	0.40 kg
		Mechanical data	