Steca Solsum VC

Voltage converter

When appliances such as cassette recorders or radios which are designed to use dry batteries are connected to 12 V or 24 V batteries, they normally require a lower voltage than that supplied by the system battery.

These appliances can be powered using the Steca Solsum VC adjustable voltage converter. The Solsum VC is also suitable for operating a 12-V appliance with a 24-V battery. The maximum output current for doing so is 1.5 A. When developing this converter, the greatest value was placed in safety and reliability. Five programmed output voltages enable universal usage.

Product features
- Wide input voltage range
- Low own consumption
- Screw terminals allow universal and rapid installation

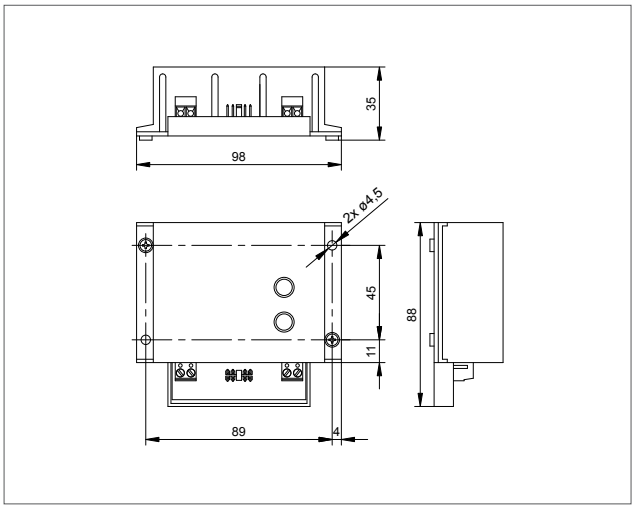
Electronic protection functions
- Overtemperature and overload protection
- Reverse polarity protection
- Short circuit protection

Displays
- 2 multi-coloured LEDs show operating states
  - for operation and polarity

Operation
- Configuration by jumpers

Certificates
- Compliant with European Standards (CE)
- Manufactured according to ISO 9001 and ISO 14001

10 W...18 W



	VC
Characterisation of the operating performance	
System voltage	12 V (24 V)
Own consumption	2 mA (Ue = 12 V)
DC input side	
Input voltage[1)]	5 V ... 30 V
DC output side	
Output voltage	3 V; 6 V; 7.5 V; 9 V; 12 V
Output current[2)]	< 1,500 mA
Fitting and construction	
Terminal (fine / single wire)	1.5 mm² / 2.5 mm² - AWG 16 / 14
Dimensions (X x Y x Z)	98 x 88 x 35 mm
Weight	50 g

Technical data at 25 °C / 77 °F

Determining the output current					
Output current	3 V	6 V	7.5 V	9 V	12 V
System voltage 12 V	1,000 mA	1,500 mA	1,500 mA	1,500 mA	1,500 mA[1)]
System voltage 24 V	400 mA	500 mA	500 mA	600 mA	700 mA

[1)] The input voltage has to be at least 2 V higher than the output voltage.
[2)] The max. current depends on the input and output voltage.

Areas of application: